



Tracking/UPS Signature Tracking®

XML Developer Guide

September 13, 2023



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 $\frac{1}{3}x$, 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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Chapter 1: Introduction

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

In this guide, you will find:

- New release features
- Tracking XML API functionality and business rules
- XML 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:

- Tracking XML API

This guide does not apply to the following APIs:

- Tracking Web Service API

Intended Audience

This guide is intended for developers who will be integrating the Tracking XML 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
- 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 XML API 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:
 - Manifest information, and Manifest Voided scans: 120 days
 - Exceptions scans: 120 days
 - In Transit scans like Origin/Arrivals/Departures/Destination scans: 120 days
 - 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.

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 test Tracking XML to: <https://wwwcie.ups.com/ups.app/xml/Track>

Production

Once testing is complete, direct your Tracking XML to the production URL:

<https://onlinetools.ups.com/ups.app/xml/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/ups.app/xml/Track>

Service 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 XML only. Signature image details in CIE are returned for only the tracking numbers below.

Type	Value	Option	Service	Response
Tracking	1Z12345E0291980793	Activity (All)	2nd Day Air	Delivered
Tracking	1Z12345E6692804405	None (Last)	World Wide Express	Delivered
Shipping	1Z12345E0390515214 (Second Package: 1Z12345E0393657226)	None (Last)	Ground	Delivered
Tracking	1Z12345E1392654435	None (Last)	Next Day Air Saver	ORIGIN SCAN
Tracking	1Z12345E6892410845	Activity (All)	Next Day Air Saver	2nd Delivery attempt
Tracking	1Z12345E029198079	None (Last)		Invalid Tracking Number
Tracking	1Z12345E1591910450	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
Tracking	1Z12345E5991872040	Activity (All)	Next Day Air Package	Delivered, COD, Signature, Receiver Address
Tracking	1Z12345E0390105056	Activity (All)	Ground	Delivered. No COD, No Signature, Receiver Address
Tracking	1Z12345E0290424025	Activity(Last)	2nd Day Air	Delivered, No COD Signature, No Receiver Address
Tracking	1Z12345E0194845039	Activity(Last)	Next Day Air Letter	Delivered, No COD, Signature, Receiver Address

Chapter 4: Signature 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.

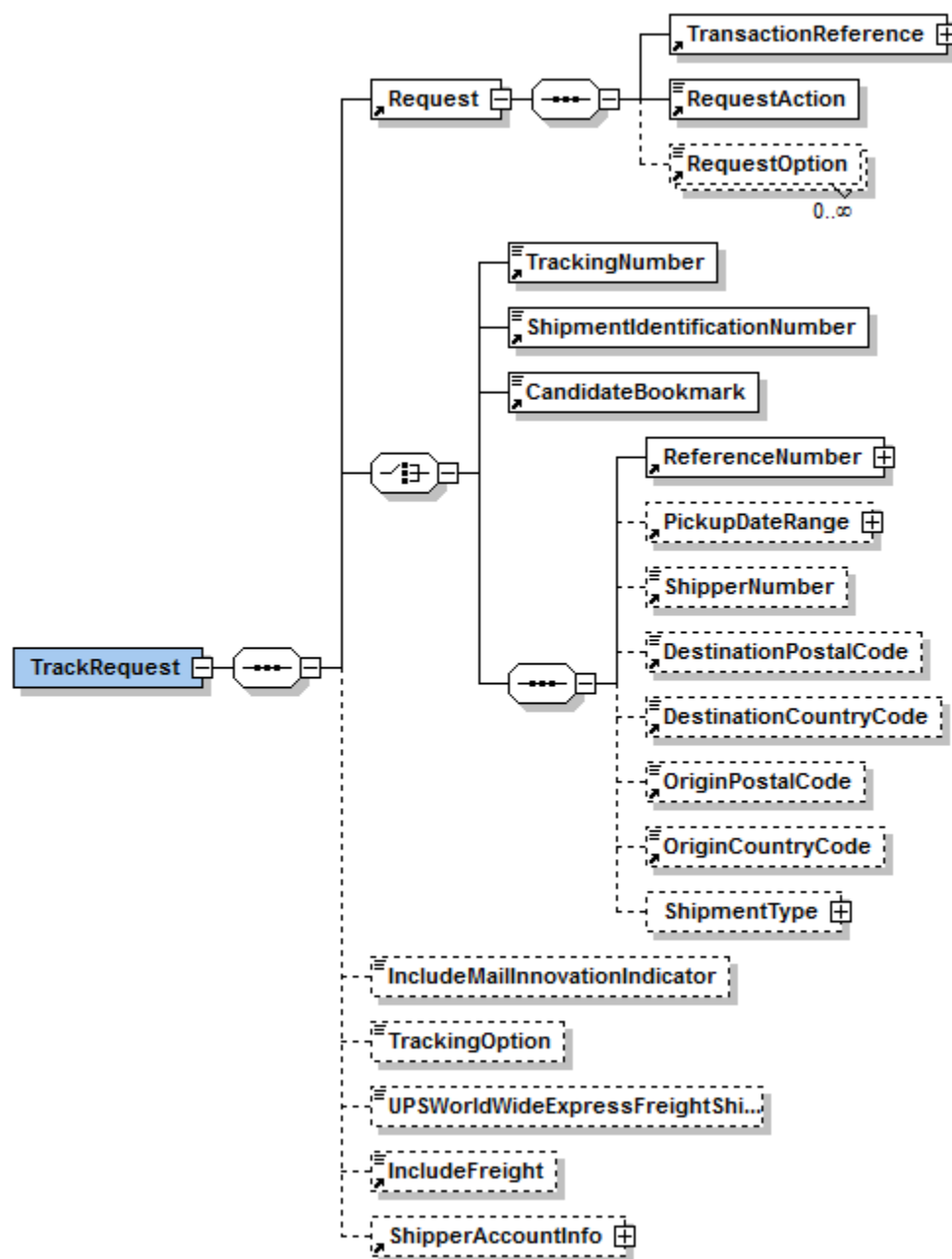
Length

- 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.

TrackRequest XML Top Level Containers



TrackRequest Elements

Name	Constraint	Description	Validation	Type
/TrackRequest				
TrackRequest	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for the root Track Request.		All
/TrackRequest/Request				
Request	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the Track Request.		All
/TrackRequest/Request/TransactionReference				
TransactionReference	Required: No Type: Container Max Allowed: 1 Length: N/A	TransactionReference identifies transactions between client and server.		All
/TrackRequest/Request/TransactionReference/CustomerContext				
CustomerContext	Required: No 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
/TrackRequest/Request/TransactionReference/TransactionIdentifier				
TransactionIdentifier	Required: No Type: String Max Allowed: 1 Length: 1..20	The Unique TransactionIdentifier for a given transaction.		All
/TrackRequest/Request/TransactionReference/ToolVersion				
ToolVersion	Required: Yes* Type: String Max Allowed: 1 Length: 3	Current Tracking Tool Version.		All
/TrackRequest/Request/RequestAction				
RequestAction	Required: Yes* Type: String Max Allowed: 1 Length: 1..15	Indicates the action to be taken by the XML service. The only valid action for tracking is Track.		All
/TrackRequest/Request/RequestOption				
RequestOption	Required: No 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.	Supported values: 1909, 2009, 2203, 2207	All

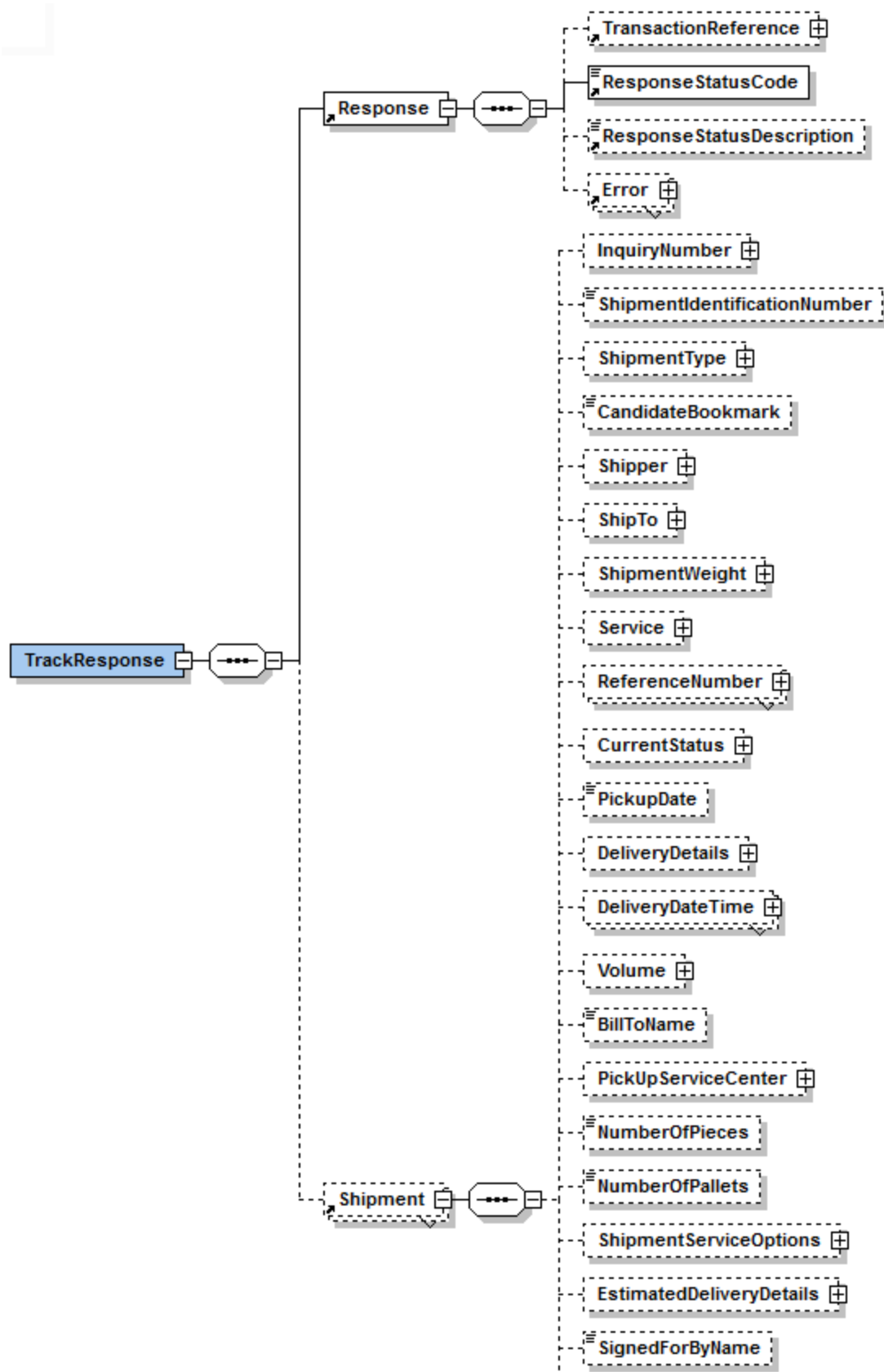
Name	Constraint	Description	Validation	Type
		<p>To get such elements you need to have the right Subversion. The value of the subversion is explained in the Response element Description.</p> <p>Example: SRSIZECode for Simple Rates are returned only when the Subversion element is present and greater than or equal to '1909'.</p> <p>Format: YYMM = Year and month of the release. Example: 1909 = 2019 September</p>		
/TrackRequest/TrackingNumber				
TrackingNumber	Required: Cond Type: String Max Allowed: 1 Length: 1..34	<p>The packages tracking number.</p> <ul style="list-style-type: none"> - For package when the Tracking Number element is supplied, details of the package corresponding to the Tracking Number will be returned. - For Mail Innovations this is treated as Mail Innovations tracking number. For Mail Innovations TrackingOption also has to be set. 		All
/TrackRequest/ShipmentIdentificationNumber				
ShipmentIdentificationNumber	Required: Cond Type: String Max Allowed: 1 Length: 11..21	The shipments tracking number.		PKG, FRT
/TrackRequest/CandidateBookmark				
CandidateBookmark	Required: No Type: String Max Allowed: 1 Length: 0..15	<p>During Tracking 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 Candidate Bookmark for each of the Shipments will be returned in the response.</p> <p>The Candidate Bookmark can be passed back to the Tracking Tool in a separate transaction to retrieve tracking information about the particular Shipment of interest.</p>		FRT

Name	Constraint	Description	Validation	Type
/TrackRequest/ReferenceNumber				
ReferenceNumber	Required: No Type: Container Max Allowed: 1 Length: N/A	The reference number container tag. Required if a Shipment Identification Number or Tracking Number is not present. For tracking a reference number of Mail Innovations type this has to be set along with ShipmentType.		PKG, MI
/TrackRequest/ReferenceNumber/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	The customer assigned reference number. Required if a Shipment Identification Number or Tracking Number is not present.		PKG, MI
/TrackRequest/PickupDateRange				
PickupDateRange	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for pickup date range. Optional for Mail Innovations.		All
/TrackRequest/PickupDateRange/BeginDate				
BeginDate	Required: Yes* Type: String Max Allowed: 1 Length: 8	The begin pickup date used to narrow a reference number search. Format: YYYYMMDD. Optional for Mail Innovations.		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. Required if Begin Date is present. Optional for Mail Innovations.		All
/TrackRequest/ShipperNumber				
ShipperNumber	Required: No Type: String Max Allowed: 1 Length: 6 or 10	The UPS account number used to narrow a reference number search.		PKG, FRT
/TrackRequest/DestinationPostalCode				
DestinationPostalCode	Required: No Type: String Max Allowed: 1 Length: 1..16	A ZIP Code (United States) or postal code (international destination) also narrows the search. The destination country or territory code is required if the destination postal code is present.		All
/TrackRequest/DestinationCountryCode				
DestinationCountryCode	Required: No Type: String Max Allowed: 1 Length: 2	A country or territory code used to narrow a reference number search.		All

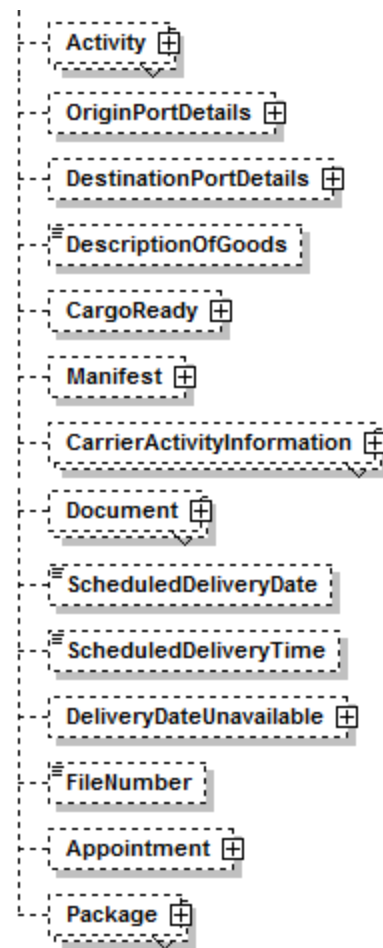
Name	Constraint	Description	Validation	Type
/TrackRequest/OriginPostalCode				
OriginPostalCode	Required: No Type: String Max Allowed: 1 Length: 1..16	Postal Code of the origin country or territory used to narrow the reference number search.		FRT
/TrackRequest/OriginCountryCode				
OriginCountryCode	Required: No Type: String Max Allowed: 1 Length: 2	Country or territory code of the origin country or territory used to narrow the reference number search.		FRT
/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. If this container is not present, tracking defaults to package. Required if the Reference Number element is specified.		All
/TrackRequest/ShipmentType/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Indicates the type of the shipment being tracked during Reference number tracking.	Valid values: 01 = Package (Default) 03 = Mail Innovations	All
/TrackRequest/ShipmentType/Description				
Description	Required: No Type: String Max Allowed: 1 Length: 0..15	Description of the type of the shipment being tracked during Reference tracking, see above.		All
/TrackRequest/IncludeMailInnovationIndicator				
IncludeMailInnovationIndicator	Required: No Type: String Max Allowed: 1 Length: 0	The presence of this indicator means supports Mail Innovation tracking without tracking option.		MI
/TrackRequest/TrackingOption				
TrackingOption	Required: Cond Type: String Max Allowed: 1 Length: 2	TrackingOption applies to Mail Innovations only. 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. If only tracking number is provided without trackingoption then it will be treated as package tracking.	TrackingOption applies to Mail Innovations only.	MI
/TrackRequest/ShipperAccountInfo				
ShipperAccountInfo	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Shipper's account details. Package Signature Tracking only. Used to verify the customers signature tracking privileges for package tracking if shipper selects one of the	Package Signature Tracking only.	PKG

Name	Constraint	Description	Validation	Type
		RequestOption including signature track.		
/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. Package Signature Tracking only. This data will be used in verifying the rights of the customer to view signature results.	Package Signature Tracking only.	PKG
/TrackRequest/ShipperAccountInfo/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..3	Country or Territory Code of the Shipper Account used to place the shipment. Package Signature Tracking only. This data will be used in verifying the rights of the customer to view signature results.	Package Signature Tracking only.	PKG
/TrackRequest/PreauthorizedReturnIndicator				
PreauthorizedReturnIndicator	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

TrackResponse XML Top Level Containers



Continued...



TrackResponse Elements

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 Track Response.		All
/TrackResponse/Response/TransactionReference				
TransactionReference	Required: No Type: Container Max Allowed: 1 Length: N/A	TransactionReference identifies transactions between client and server.		All
/TrackResponse/Response/TransactionReference/CustomerContext				
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
/TrackResponse/Response/TransactionReference/XpciVersion				
XpciVersion	Required: Yes* Type: String Max Allowed: 1 Length: 4	Message version. Defaults to 1.0001.		
/TrackResponse/Response/ResponseStatusCode				
ResponseStatusCode	Required: Yes* Type: String Max Allowed: 1 Length: 1	Identifies the success or failure of the transaction. 1 = Successful 0 = Failure		All
/TrackResponse/Response/ResponseStatusDescription				
ResponseStatusDescription	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Describes the Response Status Code above.		All
/TrackResponse/Response/Error				
Error	Required: Cond Type: Container Max Allowed: 1 Length: N/A	If an error is encountered during the interchange, the Response contains an error. If the error is present, then the ErrorSeverity and ErrorCode are required.		All

Name	Constraint	Description	Validation	Type
/TrackResponse/Response/Error/ErrorSeverity				
ErrorSeverity	Required: Yes* Type: String Max Allowed: 1 Length: 1...15	Describes the severity of the error. TransientError - Customers data has not been processed due to system unavailability. The customer has to wait and try again. HardError - The error was encountered processing the customer's data and that the data needs correction. Warning - The customer's data was successfully processed; however, there were warnings encountered during processing.		All
/TrackResponse/Response/Error/ErrorCode				
ErrorCode	Required: Yes* Type: String Max Allowed: 1 Length: 1...15	A numeric value that describes the error. Each tool defines a range of error codes.		All
/TrackResponse/Response/Error/ErrorMessage				
ErrorMessage	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	Describes the error code above.		All
/TrackResponse/Response/Error/MinimumRetrySeconds				
MinimumRetrySeconds	Required: Yes* Type: String Max Allowed: 1 Length: 1...5	Number of seconds to wait until retry. This field is populated on special conditions of the Transient Error only, as defined by the service. A number between 1 and 86400 (24 hours)		All
/TrackResponse/Response/Error/ErrorLocation				
ErrorLocation	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Identifies the element in error.		All
/TrackResponse/Response/Error/ErrorLocation/ErrorLocationElementName				
ErrorLocationElementName	Required: Yes* Type: String Max Allowed: 1 Length: 1...512	The XPATH name of the element in error. This is a valid XPATH pointing to an element in the request document.		All
/TrackResponse/Response/Error/ErrorLocation/ErrorLocationAttributeName				
ErrorLocationAttributeName	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	The name of the attribute in error. This is the name of the attribute contained by the Error Location Element.		All
/TrackResponse/Response/Error/ErrorDigest				
ErrorDigest	Required: Yes* Type: String Max Allowed: UNB Length: Bound by the	The contents of the element in error.		All

Name	Constraint	Description	Validation	Type
	size of the Request data.			

Shipment

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment				
Shipment	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Shipment Container tag.		All
/TrackResponse/Shipment/InquiryNumber				
InquiryNumber	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Shipment Inquiry Number Container		FRT, MI
/TrackResponse/Shipment/InquiryNumber/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code to indicate the type of Inquiry Number.	Valid values: Mail Innovations 03 - Mail Innovation tracking number.	FRT, MI
/TrackResponse/Shipment/InquiryNumber/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1...35	Description of the Inquiry Number as indicated by code above.		FRT, MI
/TrackResponse/Shipment/InquiryNumber/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1...34	Value of the Inquiry Number		FRT, MI
/TrackResponse/Shipment/ShipmentIdentificationNumber				
ShipmentIdentificationNumber	Required: No Type: String Max Allowed: 1 Length: 1...21	Shipment number to which the package belongs. This element is not returned for track requests by Reference Number.		PKG
/TrackResponse/Shipment/ShipmentType				
ShipmentType	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Container for the type of Shipment when doing a Reference Number search.		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.	Valid values: 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

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/CandidateBookmark				
CandidateBookmark	Required: No Type: String Max Allowed: 1 Length: 1..15	During Tracking 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 Candidate Bookmark for each of the Shipments will be returned in the response. The Candidate Bookmark can be passed back to the Tracking in a separate transaction to retrieve tracking information about the particular Shipment of interest.		FRT
/TrackResponse/Shipment/Shipper				
Shipper	Required: No Type: Container Max Allowed: 1 Length: N/A	Shipper Container Tag		All
/TrackResponse/Shipment/Shipper/ShipperNumber				
ShipperNumber	Required: No Type: String Max Allowed: 1 Length: 6...10	Shippers six or ten digit account number.		All
/TrackResponse/Shipment/Shipper/Address				
Address	Required: No Type: Container Max Allowed: 1 Length: N/A	Shippers address Container tag.		All
/TrackResponse/Shipment/Shipper/Address/AddressLine1				
AddressLine1	Required: Yes* Type: String Max Allowed: 1 Length: 1...70	Shippers address line 1		PKG, FRT
/TrackResponse/Shipment/Shipper/Address/AddressLine2				
AddressLine2	Required: Yes* Type: String Max Allowed: 1 Length: 1...70	Shippers address line 2		PKG, FRT
/TrackResponse/Shipment/Shipper/Address/AddressLine3				
AddressLine3	Required: Yes* Type: String Max Allowed: 1 Length: 1...70	Shippers address line 3		PKG, FRT
/TrackResponse/Shipment/Shipper/Address/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Shipper's city.		All
/TrackResponse/Shipment/Shipper/Address/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2...5	Shipper's state or province code. Required for US or Canada.		All

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Shipper/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Shipper's postal code		All
/TrackResponse/Shipment/Shipper/Address/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Shipper's country or territory code.		All
/TrackResponse/Shipment/ShipTo				
ShipTo	Required: No Type: Container Max Allowed: 1 Length: N/A	Consignees ship to Container tag.		All
/TrackResponse/Shipment/ShipTo/Address				
Address	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Consignees address Container tag.		All
/TrackResponse/Shipment/ShipTo/Address/AddressLine1				
AddressLine1	Required: Yes* Type: String Max Allowed: 1 Length: 1...70	Consignees address line 1		PKG, FRT
/TrackResponse/Shipment/ShipTo/Address/AddressLine2				
AddressLine2	Required: Yes* Type: String Max Allowed: 1 Length: 1...70	Consignees address line 2		PKG, FRT
/TrackResponse/Shipment/ShipTo/Address/AddressLine3				
AddressLine3	Required: Yes* Type: String Max Allowed: 1 Length: 1...70	Consignees address line 3		PKG, FRT
/TrackResponse/Shipment/ShipTo/Address/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Consignee's city.		All
/TrackResponse/Shipment/ShipTo/Address/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2...5	Consignee's state or province code. Required for US or Canada.		All
/TrackResponse/Shipment/ShipTo/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Consignee's postal code		All

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/ShipTo/Address/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Consignee's country or territory code.		All
/TrackResponse/Shipment/ShipmentWeight				
ShipmentWeight	Required: No Type: Container Max Allowed: 1 Length: N/A	Shipment weight Container tag		All
/TrackResponse/Shipment/ShipmentWeight/UnitOfMeasurement				
UnitOfMeasurement	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Shipment weight unit of measurement Container tag.		All
/TrackResponse/Shipment/ShipmentWeight/UnitOfMeasurement/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	Shipment weight unit of measurement code.	Valid values: LBS (default) KGS OZS	All
/TrackResponse/Shipment/ShipmentWeight/UnitOfMeasurement/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1...35	Textual indication of Shipment weight unit of Measurement.		All
/TrackResponse/Shipment/ShipmentWeight/Weight				
Weight	Required: No Type: String Max Allowed: 1 Length: 8	Shipments total weight. Set to 0 for shipment with package type of letter.		All
/TrackResponse/Shipment/Service				
Service	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container tag for UPS service associated with the shipment.		All
/TrackResponse/Shipment/Service/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	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 code above.		All
/TrackResponse/Shipment/ReferenceNumber				
ReferenceNumber	Required: No Type: Container Max Allowed: UNB Length: N/A	Shipment reference number Container tag.		All

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/ReferenceNumber/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Reference number type code for signifying PO #'s, Invoice #'s, etc, for the entire shipment.	For valid values, see ReferenceNumber Codes in the Appendix.	All
/TrackResponse/Shipment/ReferenceNumber/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the ReferenceNumber Code above.		All
/TrackResponse/Shipment/ReferenceNumber/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1...35	Customer supplied reference number.		All
/TrackResponse/Shipment/CurrentStatus				
CurrentStatus	Required: Cond 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	For valid values, see CurrentStatus Codes in the Appendix.		FRT
/TrackResponse/Shipment/CurrentStatus/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1...35	Description for the current status of the shipment, see above.		FRT
/TrackResponse/Shipment/PickupDate				
PickupDate	Required: No Type: String Max Allowed: 1 Length: 8	Date shipment was picked-up. Format: YYYYMMDD		All
/TrackResponse/Shipment/DeliveryDetails				
DeliveryDetails	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Delivery Details		FRT
/TrackResponse/Shipment/DeliveryDetails/DeliveryDate				
DeliveryDate	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for Delivery Date and Time		FRT
/TrackResponse/Shipment/DeliveryDetails/DeliveryDate/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date shipment was delivered. Format: YYYYMMDD		FRT

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/DeliveryDetails/DeliveryDate/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Time shipment was delivered. Format: HHMMSS		FRT
/TrackResponse/Shipment/DeliveryDetails/ServiceCenter				
ServiceCenter	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the Delivery Service Center		FRT
/TrackResponse/Shipment/DeliveryDetails/ServiceCenter/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Delivery Service center city		FRT
/TrackResponse/Shipment/DeliveryDetails/ServiceCenter/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2...6	Delivery Service Center State		FRT
/TrackResponse/Shipment/DeliveryDate/Time				
DeliveryDateTime	Required: Cond Type: Container Max Allowed: UNB Length: N/A	Delivery detail info for Mail Innovations shipment only		MI
/TrackResponse/Shipment/DeliveryDate/Time/Type				
Type	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Type of delivery detail.		MI
/TrackResponse/Shipment/DeliveryDate/Time/Type/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code of delivery detail.	Valid values: 01 - Delivery 02 - Estimated Delivery	MI
/TrackResponse/Shipment/DeliveryDate/Time/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of code, see above.		MI
/TrackResponse/Shipment/DeliveryDate/Time/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date for the specific delivery type. Format: YYYYMMDD		MI
/TrackResponse/Shipment/Volume				
Volume	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the volume of the Shipment		FRT

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Volume/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code indicating the unit of measurement for the volume		FRT
/TrackResponse/Shipment/Volume/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1...35	Textual indication of Unit of Measurement: Litres, gallons, square feet, etc		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/PickUpServiceCenter				
PickUpServiceCenter	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the pickup service center.		FRT
/TrackResponse/Shipment/PickUpServiceCenter/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	City of the pickup service center.		FRT
/TrackResponse/Shipment/PickUpServiceCenter/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2...5	State of the pickup service center.		FRT
/TrackResponse/Shipment/NumberOfPieces				
NumberOfPieces	Required: No Type: String Max Allowed: 1 Length: 1...15	Number of pieces in the shipment		FRT
/TrackResponse/Shipment/NumberOfPallets				
NumberOfPallets	Required: No Type: String Max Allowed: 1 Length: 1...15	Number of pallets in the shipment		FRT
/TrackResponse/Shipment/ShipmentServiceOptions				
ShipmentServiceOptions	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Shipment Service Options. Currently contains COD only		FRT

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/ShipmentServiceOptions/COD				
COD	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for COD for the shipment		FRT
/TrackResponse/Shipment/ShipmentServiceOptions/COD/CODAmount				
CODAmount	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for COD amount		FRT
/TrackResponse/Shipment/ShipmentServiceOptions/COD/CODAmount/CurrencyCode				
CurrencyCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Currency Code for COD. Default value is USD		FRT
/TrackResponse/Shipment/ShipmentServiceOptions/COD/CODAmount/MonetaryValue				
MonetaryValue	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Currency Value for COD		FRT
/TrackResponse/Shipment/EstimatedDeliveryDetails				
EstimatedDeliveryDetails	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for estimated delivery details		FRT
/TrackResponse/Shipment/EstimatedDeliveryDetails/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Estimated delivery date of the shipment Format: YYYYMMDD		FRT
/TrackResponse/Shipment/EstimatedDeliveryDetails/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Estimated Time shipment was delivered. Format: HHMMSS		FRT
/TrackResponse/Shipment/EstimatedDeliveryDetails/ServiceCenter				
ServiceCenter	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for estimated delivery service center		FRT
/TrackResponse/Shipment/EstimatedDeliveryDetails/ServiceCenter/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Estimated delivery service center city		FRT
/TrackResponse/Shipment/EstimatedDeliveryDetails/ServiceCenter/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2...8	Estimated delivery service center state		FRT

Name	Constraint	Description	Validation	Type
/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: UNB Length: N/A	Container for shipment activity location		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/Address				
Address	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container for the address of the shipment activity location		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/Address/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Activity city.		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/Address/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2...5	Activity State.		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Activity postal code		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/Address/CountryCode				
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...512	Description of the Activity		FRT
/TrackResponse/Shipment/Activity/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Activity Date. Format: YYYYMMDD		FRT

Name	Constraint	Description	Validation	Type
/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/OriginPortDetails				
OriginPortDetails	Required: No Type: Container Max Allowed: 1 Length: N/A	Details of origin port of the shipment		FRT
/TrackResponse/Shipment/OriginPortDetails/OriginPort				
OriginPort	Required: No Type: String Max Allowed: 1 Length: 1...35	Origin Port of the shipment		FRT
/TrackResponse/Shipment/OriginPortDetails/EstimatedDeparture				
EstimatedDeparture	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Estimated Departure Time Stamp at the origin port		FRT
/TrackResponse/Shipment/OriginPortDetails/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/OriginPortDetails/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/DestinationPortDetails				
DestinationPortDetails	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the destination port of the shipment		FRT
/TrackResponse/Shipment/DestinationPortDetails/DestinationPort				
DestinationPort	Required: Yes* Type: String Max Allowed: 1 Length: 1...35	Destination port of the shipment		FRT
/TrackResponse/Shipment/DestinationPortDetails/EstimatedArrival				
EstimatedArrival	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for Estimated Arrival Time Stamp at the Destination Port		FRT

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/DestinationPortDetails/EstimatedArrival/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date of the Estimated Arrival Time Stamp at the Destination Port. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/DestinationPortDetails/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				
CarrierActivityInformation	Required: No Type: Container Max Allowed: UNB Length: N/A	Container for carrier activity information for the shipment		FRT

Name	Constraint	Description	Validation	Type
/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/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 Departure time stamp. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Departure/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Time of the Departure time stamp. Format: HHMMSS		FRT
/TrackResponse/Shipment/CarrierActivityInformation/OriginPort				
OriginPort	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Origin Port of the Carriers leg of the journey		FRT

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/CarrierActivityInformation/DestinationPort				
DestinationPort	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Destination Port of the Carriers leg of the journey		FRT
/TrackResponse/Shipment/Document				
Document	Required: No Type: Container Max Allowed: 1 Length:	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:	Container for the document type.		FRT SIG
/TrackResponse/Shipment/Document/Type/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length:	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: No Type: String Max Allowed: 1 Length:	Description for the type of the document as described by the code.		FRT SIG
/TrackResponse/Shipment/Document/GraphicImage				
GraphicImage	Required: No Type: Container Max Allowed: UNB Length:	Base64 Encoded Byte stream of the image.		FRT SIG
/TrackResponse/Shipment/Document/Format				
Format	Required: Yes* Type: String Max Allowed: 1 Length:	Container for the document format.		FRT SIG
/TrackResponse/Shipment/Document/Format/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length:	Code for the document format. Values: 01 - GIF, 02 - PDF		FRT SIG

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Document/Format/Description				
Description	Required: No Type: String Max Allowed: 1 Length:	Description of the document format as indicated by the code.		FRT SIG
/TrackResponse/Shipment/ScheduledDeliveryDate				
ScheduledDeliveryDate	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date shipment was originally scheduled for delivery. Will be returned when available. Format: YYYYMMDD		PKG, FRT
/TrackResponse/Shipment/ScheduledDeliveryTime				
ScheduledDeliveryTime	Required: Yes* Type: String Max Allowed: 1 Length: 6	Format: HHMMSS		PKG, FRT
/TrackResponse/Shipment/DeliveryDateUnavailable				
DeliveryDateUnavailable	Required: No Type: Container Max Allowed: 1 Length: N/A	DeliveryDateUnavailable container.		All
/TrackResponse/Shipment/DeliveryDateUnavailable/Type				
Type	Required: No Type: String Max Allowed: 1 Length: 1..19	Type is Scheduled Delivery		All
/TrackResponse/Shipment/DeliveryDateUnavailable/Description				
Description	Required: No Type: String Max Allowed: 1 Length: 1..73	A description is return to indicate the scheduled delivery date is unavailable		All
/TrackResponse/Shipment/FileNumber				
FileNumber	Required: No 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

Name	Constraint	Description	Validation	Type
/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: 1 Length: N/A	Container for Package information.		PKG, MI
/TrackResponse/Shipment/Package/TrackingNumber				
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				
DeliveryDate	Required: Yes* Type: String Max Allowed: 1 Length: 8	The delivery date of the package. Will be returned if delivery date indicator is Y. The format is: YYYYMMDD		PKG, MI

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/RescheduledDeliveryDate				
DeliveryIndicator	Required: No Type: String Max Allowed: 1 Length: 8	The delivery is rescheduled to this date.		PKG
/TrackResponse/Shipment/Package/RescheduledDeliveryTime				
RescheduledDeliveryTime	Required: No Type: String Max Allowed: 1 Length: 8	The delivery is rescheduled to this time.		PKG
/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: String Max Allowed: 1 Length: N/A	Container tag for Redirect package to UPS Access Point		PKG
/TrackResponse/Shipment/Package/Redirect/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/Redirect/UPSAPAddress				
UPSAPAddress	Required: No Type: Container Max Allowed: 1 Length: N/A	UPS AP Address Container Tag.		PKG
/TrackResponse/Shipment/Package/Redirect/UPSAPAddress/AddressLine1				
AddressLine1	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Address line 1 element of UPS Access Point address.		PKG
/TrackResponse/Shipment/Package/Redirect/UPSAPAddress/AddressLine2				
AddressLine2	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Address line 2 element of UPS Access Point address.		PKG

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/Redirect/UPSAPAddress/AddressLine3				
AddressLine3	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Address line 3 element of UPS Access Point address.		PKG
/TrackResponse/Shipment/Package/Redirect/UPSAPAddress/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	City of the UPS Access Point Address.		PKG
/TrackResponse/Shipment/Package/Redirect/UPSAPAddress/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..5	State Province Code of the UPS Access Point Address.		PKG
/TrackResponse/Shipment/Package/Redirect/UPSAPAddress/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Postal Code of the UPS Access Point address.		PKG
/TrackResponse/Shipment/Package/Redirect/UPSAPAddress/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Country or Territory Code of the UPS Access Point address		PKG
/TrackResponse/Shipment/Package/Reroute				
Reroute	Required: No Type: Container Max Allowed: 1 Length: N/A	When a requestor to intercept US50/PR package at the destination center at any time before it has been delivered, Consignee's Reroute Container Tag is provided in the track response.		PKG
/TrackResponse/Shipment/Package/Reroute/Address				
Address	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Consignee's Reroute Address container tag.		PKG
/TrackResponse/Shipment/Package/Reroute/Address/AddressLine1				
AddressLine1	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Address line element of Reroute address.		PKG
/TrackResponse/Shipment/Package/Reroute/Address/AddressLine2				
AddressLine2	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Address line element of Reroute address.		PKG
/TrackResponse/Shipment/Package/Reroute/Address/AddressLine3				
AddressLine3	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Address line element of Reroute address.		PKG

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/Reroute/Address/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Consignee's City.		PKG
/TrackResponse/Shipment/Package/Reroute/Address/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Consignee's State Or Province Code.		PKG
/TrackResponse/Shipment/Package/Reroute/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Consignee's Postal Code.		PKG
/TrackResponse/Shipment/Package/Reroute/Address/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2			PKG
/TrackResponse/Shipment/Package/ReturnTo				
ReturnTo	Required: No Type: Container Max Allowed: 1 Length: N/A	Return to Container tag that will contain the address information of who the package is returned to.		PKG
/TrackResponse/Shipment/Package/ReturnTo/Address				
Address	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Return to sender address Container tag.		PKG
/TrackResponse/Shipment/Package/ReturnTo/Address/AddressLine1				
AddressLine1	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Return to AddressLine1. It contains StreetPrefix, StreetName, and StreetTypeCode.		PKG
/TrackResponse/Shipment/Package/ReturnTo/Address/AddressLine2				
AddressLine2	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Return to AddressLine2. It contains building floor, room, suite or PO Box No.		PKG
/TrackResponse/Shipment/Package/ReturnTo/Address/AddressLine3				
AddressLine3	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Return to AddressLine3		PKG
/TrackResponse/Shipment/Package/ReturnTo/Address/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1...30	Return to address city.		PKG

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/ReturnTo/Address/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2...5	Return to state or province code.		PKG
/TrackResponse/Shipment/Package/ReturnTo/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 1...16	Return to postal code		PKG
/TrackResponse/Shipment/Package/ReturnTo/Address/CountryCode				
CountryCode	Required: Yes* Type: Container Max Allowed: 1 Length: 2	Return to country or territory code.		PKG
/TrackResponse/Shipment/Package/PackageServiceOptions				
PackageServiceOptions	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for package service options		PKG
/TrackResponse/Shipment/Package/PackageServiceOptions/COD				
COD	Required: No Type: String Max Allowed: 1 Length: 0...35	Container for COD information.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/PackageServiceOptions/COD/CODAmount				
CODAmount	Required: No Type: String Max Allowed: 1 Length: 0...35	Container for COD amount information.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/PackageServiceOptions/COD/CODAmount/CurrencyCode				
CurrencyCode	Required: No Type: String Max Allowed: 1 Length: 0...35	Currency of COD amount.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/PackageServiceOptions/COD/CODAmount/MonetaryValue				
MonetaryValue	Required: No Type: String Max Allowed: 1 Length: 0...30	Cash On Delivery (COD) Amount that is due.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/PackageServiceOptions/COD/ControlNumber				
ControlNumber	Required: No Type: String Max Allowed: 1 Length: 0...5	Barcode COD Control Number or UPS imprinted Control Number.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/PackageServiceOptions/COD/CODStatus				
CODStatus	Required: No Type: String Max Allowed: 1 Length: 0-16	Status code of whether COD was Received, Collected, Not Collected.	Package Signature Tracking only.	PKG SIG

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/PackageServiceOptions/SignatureRequired				
SignatureRequired	Required: No Type: Container Max Allowed: 1 Length: N/A	Container tag for SignatureRequired option.		PKG
/TrackResponse/Shipment/Package/PackageServiceOptions/SignatureRequired/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Client Application receives Special Instructions via the package detail response indicating Signature Required or Adult Signature Required when a package is delivered.	Valid values: A=Adult Signature Required S=Signature Required	PKG
/TrackResponse/Shipment/Package/PackageServiceOptions/ImportControl				
ImportControl	Required: No Type: String Max Allowed: 1 Length: 1	Import Control Indication is used to designate that the shipment is an Import Control shipment. - If the shipment is an import control shipment then this element will have value 'Y'. - For non import shipment this indicator will not appear.		PKG
/TrackResponse/Shipment/Package/PackageServiceOptions/CommercialInvoiceRemoval				
CommercialInvoiceRemoval	Required: No Type: String Max Allowed: 1 Length: 1	Commercial Invoice Removal (CIR) is an accessorial or indication that will allow a shipper to dictate that UPS remove the Commercial Invoice from the user's shipment before the shipment is delivered to the ultimate consignee.	R = CIR requested. S = CIR removal successful	PKG
/TrackResponse/Shipment/Package/PackageServiceOptions/UPSCarbonNeutral				
UPSCarbonNeutral	Required: Yes* Type: String Max Allowed: 1 Length: 1	Carbon Neutral is a term used to reflect a generic term for the tagging to be included on any document, label, e-mail, etc. used to identify that the carbon neutral fee is applied. - This element will appear only when shipment is carbon neutral with value "Y". - For non carbon neutral shipping this element won't appear.		PKG
/TrackResponse/Shipment/Package/PackageServiceOptions/USPSPICNumber				
USPSPICNumber	Required: Cond Type: String Max Allowed: 1 Length: variable	USPSPICNumber is a USPS Package Identification code which is returned at package service options level for UPS Returns Flexible Access Shipments.		PKG

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/PackageServiceOptions/ExchangeBased				
ExchangeBased	Required: No Type: String Max Allowed: 1 Length: 1	UPS Returns Exchange is a roundtrip transportation offering designed to improve the exchange of merchandise between a shipper and receiver. If the shipment has a Return Exchange accessorial applied to it the value returned will be: R = Exchange requested C = Exchange completed If the shipment does not have a Return Exchange accessorial attached to it this element won't display.		PKG
/TrackResponse/Shipment/Package/PackageServiceOptions/PackAndCollect				
PackAndCollect	Required: No Type: String Max Allowed: 1 Length: 1	Pack and Collect is a contractual returns solution designed for the retrieval of high-value products from the original receiver for return to the shipper or to an alternate location. This element will only display when the shipment has a pack and collect (CAR) accessorial applied to it with value "Y". For non pack and collect shipments this element won't display.		PKG
/TrackResponse/Shipment/Package/Activity				
Activity	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Activity information		PKG, MI
/TrackResponse/Shipment/Package/Activity/AlternateTrackingInfo				
AlternateTrackingInfo	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Alternate tracking number.	Mail Innovation only.	MI
/TrackResponse/Shipment/Package/Activity/AlternateTrackingInfo/Type				
Type	Required: Yes* Type: String Max Allowed: 1 Length: 1	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: No Type: String Max Allowed: 1 Length: 1..34	This contains value of the alternate tracking number.		MI

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/Activity/ActivityLocation				
ActivityLocation	Required: No Type: Container Max Allowed: 1 Length: N/A	Location of activity.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address				
Address	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Address information.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/AddressLine1				
AddressLine1	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	AddressLine1 contains street prefix, street name, and street type		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/AddressLine2				
AddressLine2	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	AddressLine2 contains building floor, room, suite and PO Box Number.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/AddressLine3				
AddressLine3	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Additional address information.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/City				
City	Required: Yes** Type: String Max Allowed: 1 Length: 1..30	Activity location's city.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/StateProvinceCode				
StateProvinceCode	Required: Yes** Type: String Max Allowed: 1 Length: 2..5	Activity location's state of province code.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/PostalCode				
PostalCode	Required: Yes** Type: String Max Allowed: 1 Length: 1..16	Activity location's postal codes.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/CountryCode				
CountryCode	Required: Yes** Type: String Max Allowed: 1 Length: 2	Activity location's country or territory code.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat				
AddressArtifactFormat	Required: No Type: Container Max Allowed: 1 Length: N/A	Address location.		PKG

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/StreetNumberLow				
StreetNumberLow	Required: Yes** Type: String Max Allowed: 1 Length: 0..10	Street number low		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/StreetPrefix				
StreetPrefix	Required: Yes** Type: String Max Allowed: 1 Length: 2	Street prefix.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/StreetName				
StreetName	Required: Yes** Type: String Max Allowed: 1 Length: 1..50	Street name.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/StreetSuffix				
StreetSuffix	Required: Yes** Type: String Max Allowed: 1 Length: 2	Street suffix.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/StreetType				
StreetType	Required: Yes** Type: String Max Allowed: 1 Length: 5..16	Textual indication of Street Type; Avenue, Lane, etc.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/PoliticalDivision2				
PoliticalDivision2	Required: Yes** Type: String Max Allowed: 1 Length: 5..16	Activity location's city.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/PoliticalDivision1				
PoliticalDivision1	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	PoliticalDivision1 State province		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/PostcodePrimaryLow				
PostcodePrimaryLow	Required: Yes** Type: String Max Allowed: 1 Length: 5..16	Postal Code.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/AddressArtifactFormat/CountryCode				
CountryCode	Required: Yes** Type: String Max Allowed: 1 Length: 2	Activity location's country or territory code.		PKG
/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 of the Mail Innovations activity.		MI

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/Activity/ActivityLocation/TransportFacility/Type				
Type	Required: Yes** Type: String Max Allowed: 1 Length: 2	Type of facility for Mail Innovations shipment.	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: 5	Activity location code.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Description				
Description	Required: Yes** Type: String Max Allowed: 1 Length: 1..35	Activity location Description.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/SignedForByName				
SignedForByName	Required: Yes** Type: String Max Allowed: 1 Length: 0..15	Name of the person who signed		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/SignatureImage				
SignatureImage	Required: No Type: Container Max Allowed: 1 Length: N/A	Signature image and format.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/SignatureImage/GraphicImage				
GraphicImage	Required: Yes* Type: String Max Allowed: 1 Length: 2	Base64Encoded GIF image.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/SignatureImage/ImageFormat				
ImageFormat	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Format of the image contained in GraphicImage.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/SignatureImage/ImageFormat/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	Format of the image contained in GraphicImage. GIF is currently only type supported Values: 01 - GIF	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/SignatureImage/ImageFormat/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1...20	Description of image contained in GraphicImage.	Package Signature Tracking only.	PKG SIG

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/Activity/ActivityLocation/PODLetter				
PODLetter	Required: No Type: Container Max Allowed: 1 Length: N/A	PODLetter container.		PKG, FRT
/TrackResponse/Shipment/Package/Activity/ActivityLocation/PODLetter/HTMLImage				
HTMLImage	Required: No Type: String Max Allowed: 1 Length: Image	HTMLImage.		PKG, FRT
/TrackResponse/Shipment/Package/Activity/ActivityLocation/ElectronicDeliveryNotification				
ElectronicDeliveryNoti fication	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold the Name of the customer who authorized the package release.		PKG, FRT
/TrackResponse/Shipment/Package/Activity/ActivityLocation/ElectronicDeliveryNotification/Name				
Name	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Name of customer who authorized the package release.		PKG, FRT
/TrackResponse/Shipment/Package/Activity/Status				
Status	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Package activity status Container.		PKG, MI
/TrackResponse/Shipment/Package/Activity/Status/StatusType				
StatusType	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container tag for activity Status type.		PKG, MI
/TrackResponse/Shipment/Package/Activity/Status/StatusType/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 1..3	Code for status type of activity. 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/StatusType/Description				
Description	Required: Yes* Type: Container Max Allowed: 1 Length: 1..370	Description of StatusCode.		PKG, MI
/TrackResponse/Shipment/Package/Activity/Status/StatusCode				
StatusCode	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container tag for activity status code		PKG, MI
/TrackResponse/Shipment/Package/Activity/Status/StatusCode/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for status code of activity. Describes the activity status type in greater detail.		PKG, MI

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/Activity/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date of activity. Format: YYYYMMDD		PKG, MI
/TrackResponse/Shipment/Package/Activity/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 4	Time of activity. 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		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		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
/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.		All
/TrackResponse/Shipment/Package/Activity/NextScheduleActivity				
NextScheduleActivity	Required: No Type: Container Max Allowed: 1 Length: N/A	Container tag to describe when the next scheduled activity will occur.		PKG, MI
/TrackResponse/Shipment/Package/Activity/NextScheduleActivity/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date of activity. Format: YYYYMMDD		PKG, MI
/TrackResponse/Shipment/Package/Activity/NextScheduleActivity/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Time of activity. Format: HHMMSS or HHMM		PKG, MI
/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

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/Message				
Message	Required: No Type: Container Max Allowed: 1 Length: N/A	Container provided when the package has additional delivery information.		PKG, MI
/TrackResponse/Shipment/Package/Message/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 0..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 only '01' is applicable.	PKG, MI
/TrackResponse/Shipment/Package/Message/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 15	Description of the code above.		PKG, MI
/TrackResponse/Shipment/Package/PackageWeight				
PackageWeight	Required: No Type: Container Max Allowed: 1 Length: N/A	Package Weight Container tag.		PKG, MI
/TrackResponse/Shipment/Package/PackageWeight/UnitOfMeasurement				
UnitOfMeasurement	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Package weight unit of measurement Container tag.		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				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the code above.		PKG, MI
/TrackResponse/Shipment/Package/PackageWeight/Weight				
Weight	Required: No Type: String Max Allowed: 1 Length: 7	Package's 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	Package reference number Container tag.		PKG, MI

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/ReferenceNumber/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Reference number type code, for signifying PO #s, Invoice #s, etc.		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/ProductType				
ProductType	Required: No Type: Container Max Allowed: 1 Length: N/A	Container tag for the type of the Product.		PKG
/TrackResponse/Shipment/Package/ProductType/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: N/A	Code indicating the type of the Product. Its value is returned from the Tracking Component.		PKG
/TrackResponse/Shipment/Package/ProductType/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1...35	Description of the type of the Product. Valid Value: World Ease (when a shipment with single/multiple packages is associated with World Ease movement).		PKG
/TrackResponse/Shipment/Package/LocationAssured				
LocationAssured	Required: No Type: String Max Allowed: 1 Length: 1	Indication of Location Assured Service.	Valid value: 1 = Location Assured	PKG
/TrackResponse/Shipment/Package/AlternateTrackingNumber				
AlternateTrackingNumber	Required: No Type: String Max Allowed: UNB Length: 35..65	If any other tracking number is associated with the package. This generally happens if the package is returned or some other exception has occurred and another new tracking number is assigned to it.		PKG
/TrackResponse/Shipment/Package/AlternateTrackingInfo				
AlternateTrackingInfo	Required: Cond Type: Container Max Allowed: UNB Length: N/A	Alternate tracking number returned for this package. This is applicable only for Mail Innovations.	Mail Innovations only.	MI
/TrackResponse/Shipment/Package/AlternateTrackingInfo/Type				
Type	Required: Yes* Type: String Max Allowed: 1 Length: 1	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

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment/Package/AlternateTrackingInfo/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..34	This contains value of the alternate tracking number of Mail Innovations.		MI
/TrackResponse/Shipment/Package/Accessorial				
Accessorial	Required: No Type: Container Max Allowed: UNB Length: N/A	This container contains the code and description for accessorial for a given shipment.		PKG
/TrackResponse/Shipment/Package/Accessorial/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	The code indicating accessorial for a given UPS shipment.	For values, see Accessorial Codes in the Appendix.	PKG
/TrackResponse/Shipment/Package/Accessorial/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..100	The description of the accessoria above.		PKG
/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.		PKG
/TrackResponse/Shipment/Package/PreauthorizedReturnInformation				
PreauthorizedReturnInformation	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the Pre-authorized For Return Information. If this information is requested and available, then this container will be populated for small packages and Mail Innovation packages.	This container will be returned only if the PreauthorizedReturnIndicator is present in request and Pre-authorized For Return Eligibility information is available.	PKG, MI

Name	Constraint	Description	Validation	Type
/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			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/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

Chapter 5: Tracking API XML Examples

Tracking Request

```
<?xml version="1.0"?>
<AccessRequest xml:lang="en-US">
  <AccessLicenseNumber>YourLicenseNumber</AccessLicenseNumber>
  <UserId>YourUserID</UserId>
  <Password>YourPassword</Password>
</AccessRequest>
<?xml version="1.0"?>
<TrackRequest xml:lang="en-US">
  <Request>
    <TransactionReference>
      <CustomerContext>Your Test Case Summary Description</CustomerContext>
    </TransactionReference>
    <RequestAction>Track</RequestAction>
    <RequestOption>activity</RequestOption>
  </Request>
  <TrackingNumber>YourTrackingNumber</TrackingNumber>
</TrackRequest>
```

Tracking Response

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<TrackResponse>
  <Response>
    <TransactionReference>
      <CustomerContext>Your Test case summary Description</CustomerContext>
    </TransactionReference>
    <ResponseStatusCode>1</ResponseStatusCode>
    <ResponseStatusDescription>Success</ResponseStatusDescription>
  </Response>
  <Shipment>
    <Shipper>
      <ShipperNumber>F00100</ShipperNumber>
      <Address>
        <City>HOBOKEN</City>
        <StateProvinceCode>NJ</StateProvinceCode>
        <PostalCode>07030</PostalCode>
        <CountryCode>US</CountryCode>
      </Address>
    </Shipper>
    <ShipmentWeight>
      <UnitOfMeasurement>
        <Code>LBS</Code>
      </UnitOfMeasurement>
      <Weight>35.00</Weight>
    </ShipmentWeight>
    <Service>
      <Code>02</Code>
      <Description>2ND DAY AIR</Description>
    </Service>
    <ShipmentIdentificationNumber>ATrackingNumber</ShipmentIdentificationNumber>
```

```
<Package>
  <TrackingNumber>ATrackingNumber</TrackingNumber>
  <Activity>
    <ActivityLocation>
      <Address>
        <City>MAYSVILLE</City>
        <PostalCode>26833 9700</PostalCode>
        <CountryCode>US</CountryCode>
      </Address>
      <Code>MG</Code>
      <Description>MET CUST MAN</Description>
      <SignedForByName>Larry</SignedForByName>
    </ActivityLocation>
    <Status>
      <StatusType>
        <Code>D</Code>
        <Description>DELIVERED</Description>
      </StatusType>
      <StatusCode>
        <Code>KB</Code>
      </StatusCode>
    </Status>
    <Date>20030313</Date>
    <Time>160000</Time>
  </Activity>
  <PackageWeight>
    <UnitOfMeasurement>
      <Code>LBS</Code>
    </UnitOfMeasurement>
    <Weight>35.00</Weight>
  </PackageWeight>
</Package>
</Shipment>
</TrackResponse>
```


Signature Tracking Request

```
<?xml version="1.0"?>
<AccessRequest xml:lang="en-US">
  <AccessLicenseNumber>YourLicenseNumber</AccessLicenseNumber>
  <UserId>YourUserID</UserId>
  <Password>YourPassword</Password>
</AccessRequest>
<?xml version="1.0"?>
<TrackRequest xml:lang="en-US">
  <Request>
    <TransactionReference>
      <CustomerContext>Your Test Case Summary Description</CustomerContext>
    </TransactionReference>
    <RequestAction>Track</RequestAction>
    <RequestOption>15</RequestOption>
  </Request>
  <TrackingNumber>YourTrackingNumber</TrackingNumber>
  <ShipperAccountInfo>
    <CountryCode>US</CountryCode>
    <PostalCode>07430</PostalCode>21093
  </ShipperAccountInfo>
</TrackRequest>
```

Signature Tracking Response

```
<?xml version="1.0" encoding="UTF-8"?>
<TrackResponse>
  <Response>
    <TransactionReference>
      <CustomerContext>Your Test Case Summary Description</CustomerContext>
    </TransactionReference>
    <ResponseStatusCode>1</ResponseStatusCode>
    <ResponseStatusDescription>Success</ResponseStatusDescription>
  </Response>
  <Shipment>
    <Shipper>
      <ShipperNumber>12345E</ShipperNumber>
      <Address>
        <AddressLine1>SAMPLE SHIPPER</AddressLine1>
        <AddressLine2>1000 MAIN STREET</AddressLine2>
        <City>ANYTOWN</City>
        <StateProvinceCode>GA</StateProvinceCode>
        <PostalCode>30044</PostalCode>
        <CountryCode>US</CountryCode>
      </Address>
    </Shipper>
    <ShipTo>
      <Address>
        <AddressLine1>SAMPLE CONSIGNEE</AddressLine1>
        <AddressLine2>1307 PEACHTREE STREET</AddressLine2>
        <City>ANYTOWN</City>
```

```

        <StateProvinceCode>GA</StateProvinceCode>
        <PostalCode>30340</PostalCode>
        <CountryCode>US</CountryCode>
    </Address>
</ShipTo>
<Service>
    <Code>001</Code>
    <Description>NEXT DAY AIR</Description>
</Service>
<ReferenceNumber>
    <Code>01</Code>
    <Value>SAMPLE PROOF OF DELIVERY LETTER</Value>
</ReferenceNumber>
<ReferenceNumber>
    <Code>01</Code>
    <Value>TEST</Value>
</ReferenceNumber>
<ShipmentIdentificationNumber>1Z12345E5991872040</ShipmentIdentificationNumber>
<PickupDate>20010219</PickupDate>
<ScheduledDeliveryDate>20010220</ScheduledDeliveryDate>
<Package>
    <TrackingNumber>1Z12345E5991872040</TrackingNumber>
    <PackageServiceOptions>
        <COD>
            <CODAmount>
                <CurrencyCode>USD</CurrencyCode>
                <MonetaryValue>10.00</MonetaryValue>
            </CODAmount>
            <CODStatus>Collected</CODStatus>
        </COD>
    </PackageServiceOptions>
    <Activity>
        <ActivityLocation>
            <Address>
                <AddressLine1>1307 PEACHTREE STREET</AddressLine1>
                <City>ANYTOWN</City>
                <StateProvinceCode>GA</StateProvinceCode>
                <PostalCode>30340</PostalCode>
                <CountryCode>US</CountryCode>
            </Address>
            <Code>M5</Code>
            <Description>MAIL ROOM</Description>
            <SignedForByName>DOE</SignedForByName>
            <SignatureImage>
                <GraphicImage>R0IGODdhoAFcAPcAAP///+n5+fWxs69rd7OADs= (truncatenated for
                example)</GraphicImage>
                <ImageFormat>
                    <Code>GIF</Code>
                    <Description>Base 64 encoded gif</Description>
                </ImageFormat>
            </SignatureImage>
            <PODLetter>
                <HTMLImage>PCFET0NUWVBFIhUTUwgUFVCTEIDICItLy9X9IVE1MPg==(truncate
                nated for example) </HTMLImage>
            </PODLetter>
        </ActivityLocation>
    </Activity>
</Package>
</Shipment>

```

```

        </PODLetter>
    </ActivityLocation>
    <Status>
        <StatusType>
            <Code>D</Code>
            <Description>DELIVERED</Description>
        </StatusType>
        <StatusCode>
            <Code>KM</Code>
        </StatusCode>
    </Status>
    <Date>20010221</Date>
    <Time>090600</Time>
</Activity>
<Activity>
    <ActivityLocation>
        <Address>
            <City>ANYTOWN</City>
            <StateProvinceCode>GA</StateProvinceCode>
            <CountryCode>US</CountryCode>
        </Address>
    </ActivityLocation>
    <Status>
        <StatusType>
            <Code>I</Code>
            <Description>DESTINATION SCAN</Description>
        </StatusType>
        <StatusCode>
            <Code>DS</Code>
        </StatusCode>
    </Status>
    <Date>20010221</Date>
    <Time>073717</Time>
</Activity>
<Activity>
    <ActivityLocation>
        <Address>
            <City>ANYTOWN</City>
            <StateProvinceCode>GA</StateProvinceCode>
            <CountryCode>US</CountryCode>
        </Address>
    </ActivityLocation>
    <Status>
        <StatusType>
            <Code>I</Code>
            <Description>ARRIVAL SCAN</Description>
        </StatusType>
        <StatusCode>
            <Code>AR</Code>
        </StatusCode>
    </Status>
    <Date>20010221</Date>
    <Time>063000</Time>
</Activity>

```

```

<Activity>
  <ActivityLocation>
    <Address>
      <City>ANYTOWN INTL</City>
      <StateProvinceCode>GA</StateProvinceCode>
      <CountryCode>US</CountryCode>
    </Address>
  </ActivityLocation>
  <Status>
    <StatusType>
      <Code>I</Code>
      <Description>DEPARTURE SCAN</Description>
    </StatusType>
    <StatusCode>
      <Code>DP</Code>
    </StatusCode>
  </Status>
  <Date>20010221</Date>
  <Time>052000</Time>
</Activity>
<Activity>
  <ActivityLocation>
    <Address>
      <City>HARTSFIELD (ANYTOWN)</City>
      <StateProvinceCode>GA</StateProvinceCode>
      <CountryCode>US</CountryCode>
    </Address>
  </ActivityLocation>
  <Status>
    <StatusType>
      <Code>I</Code>
      <Description>LOCATION SCAN</Description>
    </StatusType>
    <StatusCode>
      <Code>LC</Code>
    </StatusCode>
  </Status>
  <Date>20010221</Date>
  <Time>034756</Time>
</Activity>
<Activity>
  <ActivityLocation>
    <Address>
      <City>PLEASANTDALE</City>
      <StateProvinceCode>GA</StateProvinceCode>
      <CountryCode>US</CountryCode>
    </Address>
  </ActivityLocation>
  <Status>
    <StatusType>
      <Code>I</Code>
      <Description>LOCATION SCAN</Description>
    </StatusType>
    <StatusCode>

```

```

        <Code>LC</Code>
      </StatusCode>
    </Status>
    <Date>20010220</Date>
    <Time>192558</Time>
  </Activity>
  <Activity>
    <ActivityLocation>
      <Address>
        <City>PLEASANTDALE</City>
        <StateProvinceCode>GA</StateProvinceCode>
        <CountryCode>US</CountryCode>
      </Address>
    </ActivityLocation>
    <Status>
      <StatusType>
        <Code>I</Code>
        <Description>LOCATION SCAN</Description>
      </StatusType>
      <StatusCode>
        <Code>LC</Code>
      </StatusCode>
    </Status>
    <Date>20010220</Date>
    <Time>192500</Time>
  </Activity>
  <Activity>
    <ActivityLocation>
      <Address>
        <City>PLEASANTDALE-DUNWDY</City>
        <StateProvinceCode>GA</StateProvinceCode>
        <CountryCode>US</CountryCode>
      </Address>
    </ActivityLocation>
    <Status>
      <StatusType>
        <Code>P</Code>
        <Description>PICKUP SCAN</Description>
      </StatusType>
      <StatusCode>
        <Code>PU</Code>
      </StatusCode>
    </Status>
    <Date>20010220</Date>
    <Time>170842</Time>
  </Activity>
  <Activity>
    <ActivityLocation>
      <Address>
        <CountryCode>US</CountryCode>
      </Address>
    </ActivityLocation>
    <Status>
      <StatusType>

```

```
        <Code>M</Code>
        <Description>PICKUP MANIFEST RECEIVED</Description>
      </StatusType>
      <StatusCode>
        <Code>MP</Code>
      </StatusCode>
    </Status>
    <Date>20010219</Date>
    <Time>132203</Time>
  </Activity>
  <PackageWeight>
    <UnitOfMeasurement>
      <Code>LBS</Code>
    </UnitOfMeasurement>
    <Weight>1.70</Weight>
  </PackageWeight>
  <ReferenceNumber>
    <Code>01</Code>
    <Value>SAMPLE PROOF OF DELIVERY LETTER</Value>
  </ReferenceNumber>
  <ReferenceNumber>
    <Code>01</Code>
    <Value>TEST</Value>
  </ReferenceNumber>
</Package>
</Shipment>
</TrackResponse>
```

Tracking API FAQs

Category	Question	Answer
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?	<p>Yes. It is part of the signature image returned by the UPS Signature Tracking API and cannot be modified in any way, transferred etcetera.</p> <p>Electronic Signature Images and POD Letters</p> <p>The information you receive through the API may include electronic signature images.</p> <p>Electronic Signature Images, other than as part of a POD Letter, may not be stored, distributed to any third party, copied or modified.</p> <p>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.</p> <p>Your application may not distribute a POD Letter electronically to third parties, other than as a facsimile transmission.</p>
Transmission of electronic image	Can the POD Letter generated through a POD image be emailed?	No. Only faxed or mailed. It can be accessed electronically for 18 months but cannot be emailed.
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?	<p>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.</p> <p>UPS Tracking API: Provide up-to-the-minute shipment status - from origin to delivery - to your online customers.</p> <p>UPS Signature Tracking API: Obtain proof of delivery containing a digitized signature and delivery address.</p>
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.

Category	Question	Answer
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.	<p>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.</p> <p>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.</p>
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?	<p>Yes, we display tracking info for BASIC on UPS.com and in XOLT just like for any other package service.</p> <p>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.</p> <p>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.</p> <p>Here is an example 1Z in production if you want to check: 1Z2W99W3PP20791577</p>
Reference Number Tracking	If a customer processes 7 packages in one shipment will reference number tracking in the Tracking API play-back 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 xxxxxxxx1234 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.

Category	Question	Answer
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 access the POD?	UPS Technology Agreement allows you to access a POD letter (which may or may not contain digital signature) for a maximum of 18 months.
High Frequency tracking guidelines	What are guidelines for high frequency tracking?	<ul style="list-style-type: none"> • 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.

Category	Question	Answer
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

Category	Question	Answer
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?	<p>Yes. It is part of the signature image returned by the UPS Signature Tracking API and cannot be modified in any way, transferred etcetera.</p> <p>Electronic Signature Images and POD Letters</p> <p>The information you receive through the API may include electronic signature images.</p> <p>Electronic Signature Images, other than as part of a POD Letter, may not be stored, distributed to any third party, copied or modified.</p> <p>Each POD Letter generated or developed as the result of using or access to the UPS OnLine Tools Tracking Tool may be access in electronic format until eighteen (18) months after the delivery of the shipment referenced in the POD Letter.</p> <p>Your application may not distribute a POD Letter electronically to third parties, other than as a facsimile transmission.</p>
Transmission of electronic image	Can the POD Letter generated through a POD image be emailed?	No. Only faxed or mailed. It can be accessed 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 (XML)

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.

To discover errors, check the `ResponseStatusCode` element. A “1” normally indicates a successful response, whereas a “0” indicates a Transient or Hard error. The `PrimaryErrorCode` element contains the error code and description.

- Successful responses may or may not include warnings.
 - Without warnings - Indicates the request has been processed as anticipated.
 - With warnings - Indicates the request has been processed with potentially unanticipated results. The warning contains information in the response that should be passed to the end user.
- The severity of an error may be transient or hard.
 - 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.
 - 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.

Code	Severity	Description
250003	Hard	Invalid Access License number.
250004	Hard	Incorrect UserId or Password.
250005	Hard	No Access and Authentication Credentials provided.
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

Error Code	Severity	Description
151044	Hard	No tracking information available
151045	Hard	No information found
151050	Hard	Too many records to display
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
154080	Warning	Could not verify Signature rights
154081	warning	Your search returned multiple Shipments. Please select from the provided results.
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.
155004	Warning	Max size of the candidate list is exceeded.
155005	Hard	Invalid country code for Mail Innovations.

Error Code	Severity	Description
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
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

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/territory abbreviations in ISO Standard 3166.

The following table lists the country/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 Peoples 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	Azerbaijani 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

Country/Territory	Currency Name	Currency Code
Bhutan	Ngultrum	BTN
Bolivia	Boliviano	BOB
Bolivia	Mvdol	BOV
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

Country/Territory	Currency Name	Currency Code
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
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

Country/Territory	Currency Name	Currency Code
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
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 and 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

Country/Territory	Currency Name	Currency Code
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
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

Country/Territory	Currency Name	Currency Code
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
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

Country/Territory	Currency Name	Currency Code
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
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

Country/Territory	Currency Name	Currency Code
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	SYR
Taiwan, China	New Taiwan Dollar	TWD
Tajikistan	Somoni	TJS
Tanzania, United Republic of	Tanzanian Shilling	TZS
Thailand	Baht	THB
Timor-Leste	US Dollar	USD
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

Country/Territory	Currency Name	Currency Code
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
001	Billing Information Received
002	In Transit
003	Exception
004	Delivered Origin CFS
005	Delivered Destination CFS
006	Warehousing
007	Out for Delivery
011	Delivered
111	Not Available
222	Not Available

Package 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 – 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's 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 '2' - '15' 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 2nd Day Air	002
UPS 2nd Day Air A.M.	059
UPS Standard	011
UPS Worldwide Expedited	008
UPS Worldwide Express	007
UPS Worldwide Express Plus	054

United States Domestic Shipments

Description	Code
UPS 2nd Day Air	002
UPS 2nd 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 Courier	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 2nd 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/territories 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/territories

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 response when there is no functionality change in the request. In order to ensure that we do not break the 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
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	