



# Locator XML Developer Guide

July 11, 2016



## 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).

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- 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.
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- 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.

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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

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

## In this guide, you will find:

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

## Intended Audience

This guide is intended for developers who will be integrating the Locator 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 Locator API, continue with [Chapter 2: Understanding the Locator API](#). There you will find an overview of the Locator functionality and business rules.
- [Chapter 3: Customer Integration Environment \(CIE\)](#) contains information on UPS integration environments.
- [Chapter 4: Locator API Elements and Details](#) contains an overview of the top-level containers and elements that comprise the Locator request and response.
- Request and response examples are located in [Chapter 5: Locator XML API Examples](#).
- Reference tables, services codes, and error codes are located in the [Appendices](#).

## Release Features

### July 2016

Description
<b>UPS Access Point Locker</b> <ul style="list-style-type: none"> <li>Only available in the US</li> <li>Locker locations can receive Pre-paid Drop offs</li> <li>Locker locations are available as delivery change and My Choice enrollment</li> </ul>
<b>/LocatorRequest/LocationSearchCriteria/SearchOption/OptionCode/Code</b> <b>/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Code</b> New option codes: <ul style="list-style-type: none"> <li>Location option code: 019-UPS Access Point Locker</li> <li>Service option code: 08-Unstaffed Collection &amp; Prepaid Drop-off</li> </ul>

### January 2016

Description
<b>UPS Access Point Lite</b> <ul style="list-style-type: none"> <li>Expansion of available UPS Access Point functionality:               <ul style="list-style-type: none"> <li>Austria, Denmark, Finland, Norway, Sweden, and Switzerland</li> </ul> </li> <li>Services not available for the countries above:               <ul style="list-style-type: none"> <li>Access Point locations will not accept payments:                   <ul style="list-style-type: none"> <li>R2R Pay at Store or Contract Simplified Returns customer pay</li> <li>D2R Cash on Delivery</li> <li>Shipments with ICOD</li> </ul> </li> <li>Handling Low Cost Service (LCO) shipments</li> <li>Restricted Goods</li> </ul> </li> </ul>

## Chapter 2: Understanding the Locator API

The Locator API provides UPS full-service and self-service locations, hours of operation and pickup times.

The API can be customized to present information in different configurations that include locations, additional services, program types, type codes and if a location is a retail location.

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

### Types of Requests

The RequestOption element is used to define the type of location information that will be provided. The information from these requests can be used to refine a search in additional requests.

For example, when an application requests a list of all available additional services, it can then select the services it needs from that list and issue a second request for locations that offer those services.

The following table lists the possible values for the Request Option element.

Request Option	Type of Request
1	A list of locations
8	All available additional services
16	All available program types
24	All available additional services and program types
32	All available retail locations
40	All available retail locations and additional services
48	All available retail locations and program types
56	All available retail locations, program types, and additional services
64	UPS Access Point Search



## 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.

### Integration Testing

For integration testing, direct your test Locator XML to: <https://wwwcie.ups.com/ups.app/xml/Locator>



NOTE: In the Customer Integration Environment, Locator will only work in the following locales:

Country	City
United States	Atlanta
Canada	Toronto
Germany	Neuss
Mexico	Mexico City

### Production

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

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

### 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/Locator>

<b>Service Name:</b>	Locator
<b>Remote User:</b>	null
<b>Server Port:</b>	443
<b>Server Name:</b>	wwwcie.ups.com
<b>Servlet Path:</b>	/Locator

## Chapter 4: Locator API Elements and Details

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### 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.

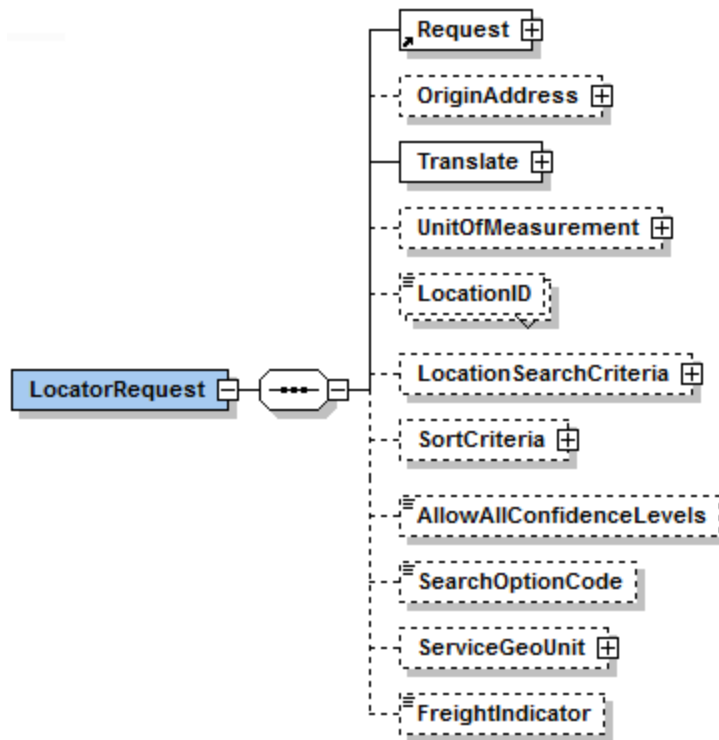
#### Length

- 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.

## LocatorRequest Top Level Containers



## LocatorRequest XPath Tables

Note: Not all containers/elements are reflected separately in the table of contents.

Name	Constraint	Description
<a href="#">/LocatorRequest</a>		
LocatorRequest	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Locator Request Container.

## Request

Name	Constraint	Description
<a href="#">/LocatorRequest/Request</a>		
Request	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Request Container.
<a href="#">/LocatorRequest/Request/TransactionReference</a>		
TransactionReference	Required: No Type: Container Max Allowed: 1 Length: N/A	TransactionReference identifies transactions between client and server.

Name	Constraint	Description
<a href="#">/LocatorRequest/Request/TransactionReference/CustomerContext</a>		
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 client want, as long as it is valid XML; it is echoed back by the server
<a href="#">/LocatorRequest/Request/RequestAction</a>		
RequestAction	Required: Yes Type: String Max Allowed: 1 Length: 13	Indicates the action to be taken by the XML service. The only valid value is 'Locator'.
<a href="#">/LocatorRequest/Request/RequestOption</a>		
RequestOption	Required: Yes Type: String Max Allowed: 1 Length: 1..4	Indicates the type of request.  Valid values:  1-Locations (Drop Locations and Will call locations)  8-All available Additional Services  16-All available Program Types  24-All available Additional Services and Program types  32-All available Retail Locations  40-All available Retail Locations and Additional Services  48-All available Retail Locations and Program Types  56-All available Retail Locations, Additional Services and Program Types  64-Search for UPS Access Point Locations

## OriginAddress

Name	Constraint	Description
<a href="#">/LocatorRequest/OriginAddress</a>		
OriginAddress	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for origin address information.
<a href="#">/LocatorRequest/OriginAddress/Geocode</a>		
Geocode	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Geocode is the latitude and longitude of the origin address.
<a href="#">/LocatorRequest/OriginAddress/Geocode/Latitude</a>		
Latitude	Required: Yes* Type: String Max Allowed: 1 Length: 1..11	The latitude of the origin address or the center point of the area code.

Name	Constraint	Description
<a href="#">/LocatorRequest/OriginAddress/Geocode/Longitude</a>		
Longitude	Required: Yes* Type: String Max Allowed: 1 Length: 1..11	The longitude of the origin address or the center point of the area code.
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat</a>		
AddressKeyFormat	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Contains all of the basic information about the origin such as: Address Lines, City, State/Province, Postal Code and Country Code.  The CountryCode element is required.
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/AddressLine</a>		
AddressLine	Required: No Type: String Max Allowed: 1 Length: 1..100	Address Line Information. The user may submit street level address information or provide Intersection information.
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/AddressLine2</a>		
AddressLine2	Required: No Type: String Max Allowed: 1 Length: 1..64	Additional Address Line information.
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/AddressLine3</a>		
AddressLine3	Required: No Type: String Max Allowed: 1 Length: 1..64	Additional Address Line information.
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/PoliticalDivision3</a>		
PoliticalDivision3	Required: No Type: String Max Allowed: 1 Length: 1..50	Barrio or other sub-division of City
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/PoliticalDivision2</a>		
PoliticalDivision2	Required: Cond Type: String Max Allowed: 1 Length: 1...50	City or Town.
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/PoliticalDivision1</a>		
PoliticalDivision1	Required: Cond Type: String Max Allowed: 1 Length: 1..50	State or province
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/PostcodePrimaryLow</a>		
PostcodePrimaryLow	Required: Cond Type: String Max Allowed: 1 Length: 1..10	Main postal code.  Required if the user does not submit the City, State/Province address combination.

Name	Constraint	Description
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/PostcodeExtendedLow</a>		
PostcodeExtendedLow	Required: No Type: String Max Allowed: 1 Length: 1..10	4 Digit postal code extension.  Valid for US only.
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/CountryCode</a>		
CountryCode	Required: Yes Type: String Max Allowed: 1 Length: 2	Two-character country abbreviation
<a href="#">/LocatorRequest/OriginAddress/AddressKeyFormat/SingleLineAddress</a>		
SingleLineAddress	Required: No Type: String Max Allowed: 1 Length: NA	Single line search information. <ul style="list-style-type: none"> <li>• Can contain the values of origin address in a single line.</li> <li>• Will override other origin address information.</li> </ul>
<a href="#">/LocatorRequest/OriginAddress/MaximumListSize</a>		
MaximumListSize	Required: No Type: String Max Allowed: 1 Length: 1..2	If present, indicates the maximum number of locations the client wishes to receive in an address candidate response where the provided origin information is insufficient to accurately establish location.  Valid values: 1-50  Default: 10

## Translate

Name	Constraint	Description
<a href="#">/LocatorRequest/Translate</a>		
Translate	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Contains the locale information for the request.
<a href="#">/LocatorRequest/Translate/Locale</a>		
Locale	Required: Cond Type: String Max Allowed: 1 Length: 5	Used to determine what language the response will be sent in.  Locale is the 5 digit combination of the 2 character language code and the 2 character country code, separated by an underscore ('_') character.  Default: en_US Examples: fr_CA, es_MX

## UnitOfMeasurement

Name	Constraint	Description
<a href="#">/LocatorRequest/UnitOfMeasurement</a>		
UnitOfMeasurement	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Distance unit of measurement. Required for location requests (request option 1).
<a href="#">/LocatorRequest/UnitOfMeasurement/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Valid values: MI-Miles KM-Kilometers

## LocationID

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationID</a>		
LocationID	Required: Cond Type: String Max Allowed: 1 Length: 1...10	Location ID is the identification number of the UPS affiliated location.

## LocationSearchCriteria

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria</a>		
LocationSearchCriteria	Required: Cond Type: Container Max Allowed: 1 Length: N/A	The Location search criteria container allows the user to further define the basis to which they wish to receive the UPS locations.  Only relevant when the user requests a Location search (request option 1).

## SearchOption

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/SearchOption</a>		
SearchOption	Required: No Type: Container Max Allowed: 1 Length: N/A	SearchOption contains the information that forms the basis of the location search. It contains the criteria for search by Locations, Retail Locations, Additional Services, or Program Types.  There should be one container for each type of search the user can complete.  The user can specify a search by Locations or Retail Locations, but not both.  If this container is missing, the default search would be for: The UPS Store, UPS Center, UPS Drop Box, and Authorized Shipping Outlet location types.

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/SearchOption/OptionType</a>		
OptionType	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	OptionType indicates the type of location search.  There are 5 types of search: Location, Retail Location, Additional Services, Program Type, and a Service Level Option.  If search criteria by Location or Retail Location is not provided the default search of The UPS Store, UPS Center, UPS Drop Box, and Authorized Shipping Outlet location types will be performed.
<a href="#">/LocatorRequest/LocationSearchCriteria/SearchOption/OptionType/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for Option type values: 01-Location 02-Retail Location 03-Additional Services 04-Program Type 05-Service Level Option
<a href="#">/LocatorRequest/LocationSearchCriteria/SearchOption/OptionCode</a>		
OptionCode	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Option code contains the information of a particular Location, Retail Location, Additional Service, or Program Type depending on the option type.  The SearchOptions can contain one or more OptionCodes which forms the criteria for the location search.
<a href="#">/LocatorRequest/LocationSearchCriteria/SearchOption/OptionCode/Code</a>		
Code	Required: Yes Type: String Max Allowed: 1 Length: 1..10	These codes vary by country. It is strongly recommended that clients contact UPS to retrieve the primary search indicator and the valid Location Types and Service Level Options for each country.  Refer to <a href="#">Location Search Option Codes</a> in the Appendix for additional information.
<a href="#">/LocatorRequest/LocationSearchCriteria/SearchOption/Relation</a>		
Relation	Required: No Type: Container Max Allowed: 1 Length: N/A	The relation container will contain the relation parameter (And/Or) that has to be used among multiple option codes in the location search. This is only applicable to option type Additional Services and Program Types.  If this container is not present for Additional Services and Program Types, the default relation of And is used.
<a href="#">/LocatorRequest/LocationSearchCriteria/SearchOption/Relation/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Applicable for Additional Services and Program Types.  Valid values: 01-And (Default) 02-Or

## MaximumListSize

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/MaximumListSize</a>		
MaximumListSize	Required: No Type: String Max Allowed: 1 Length: 1..2	If present, indicates the maximum number of locations the client wishes to receive in response; ranges from 1 to 50 with a default value of 5.



## SearchRadius

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/SearchRadius</a>		
SearchRadius	Required: No Type: String Max Allowed: 1 Length: 1..3	Defines the maximum radius the user wishes to search for a UPS location.  If the user does not specify, the default value is 100 miles.  Whole numbers only.  Valid values: 5-100 for UnitOfMeasure MI 5-150 for UnitOfMesaure KM

## ServiceSearch

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/ServiceSearch</a>		
ServiceSearch	Required: No Type: Container Max Allowed: 1 Length: N/A	Allows for users to further define the search criteria.  Refer to the rules specified in Service Search section.
<a href="#">/LocatorRequest/LocationSearchCriteria/ServiceSearch/Time</a>		
Time	Required: No Type: String Max Allowed: 1 Length: 4..6	Scheduled Local Drop-off Time.  Format:: HHMM
<a href="#">/LocatorRequest/LocationSearchCriteria/ServiceSearch/ServiceCode</a>		
ServiceCode	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Container that contains the service information such as Ground/Air.  Required if the customer provides ServiceSearch Time.
<a href="#">/LocatorRequest/LocationSearchCriteria/ServiceSearch/ServiceCode/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code indicating the different services.  Valid values: 01-Ground 02- Air
<a href="#">/LocatorRequest/LocationSearchCriteria/ServiceSearch/ServiceOptionCode</a>		
ServiceOptionCode	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the optional service information such as Saturday Pick up.
<a href="#">/LocatorRequest/LocationSearchCriteria/ServiceSearch/ServiceOptionCode/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code that defines the optional service.  Valid values: 01–Saturday pickup Only valid for air service

## FreightWillCallSearch

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch</a>		
FreightWillCallSearch	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Freight Will Call Search Container.  Required if SearchOption is '05-Freight Will Call Search'.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FreightWillCallRequestType</a>		
FreightWillCallRequestType	Required: Yes* Type: String Max Allowed: 1 Length: 1	Valid values: 1 - Postal Code 2 - Delivery SLIC 3 - Delivery City/State  Description:  1: Freight Will Call Search based on Postal Code, this search is valid for Postal code countries.  2: Freight Will Call Search based on SLIC.  3: Freight Will Call Search based on City and/or State.  This search is valid for non-postal code Countries.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress</a>		
FacilityAddress	Required: Yes* Type: Container Max Allowed: 1 Length: unbounded	Facility Address Container
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/SLIC</a>		
SLIC	Required: Cond Type: String Max Allowed: 1 Length: 5	Facility SLIC.  Required for Freight Will call search if FreightWillCallRequestType is 2.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/AddressLine</a>		
AddressLine	Required: Cond Type: String Max Allowed: 2 Length: 1..64	Address line
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/City</a>		
City	Required: Cond Type: String Max Allowed: 1 Length: 1..50	City.  Required for Freight Will call search if FreightWillCallRequestType is 3.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/PostalCodePrimaryLow</a>		
PostalCodePrimaryLow	Required: Cond Type: String Max Allowed: 1 Length: 1..8	Postal code.  Required for Freight Will call search if FreightWillCallRequestType is 1.

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/PostalCodeExtendedLow</a>		
PostalCodeExtendedLow	Required: No Type: String Max Allowed: 1 Length: 1..8	4 Digit postal code extension. Valid for US only.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/State</a>		
State	Required: Cond Type: String Max Allowed: 1 Length: 1..50	State. Required if FreightWillCallRequestType is 3 if State is available.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/CountryCode</a>		
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Country Code.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/OriginOrDestination</a>		
OriginOrDestination	Required: Yes* Type: String Max Allowed: 1 Length: 2	OriginOrDestination is required for FreightWillCallRequestType 1 and type 3 .  Valid values: 01-Origin facilities 02-Destination facilities.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FormatPostalCode</a>		
FormatPostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..3	FormatPostalCode. Required in the request when FreightWillCallRequestType is 1 .  Valid values: NFR-No format requested FR-format requested FS-format and search NVR-No validation requested.
<a href="#">/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/DayOfWeekCode</a>		
DayOfWeekCode	Required: No Type: String Max Allowed: 1 Length: 1	Day of week Code.  Valid values: 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday

## AccessPointSearch

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch</a>		
AccessPointSearch	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Applicable for request option 64 only. This contains inclusion and exclusion criteria for address search. It also contains Account Number and Access Point Public ID search elements.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/PublicAccessPointID</a>		
PublicAccessPointID	Required: No Type: String Max Allowed: 1 Length: 1..15	The Public Access Point ID to use for UPS Access Point Search.  Once this parameter is present , address or geocode search is ignored. It cannot be combined with AccountNumber search parameter.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/AccessPointStatus</a>		
AccessPointStatus	Required: No Type: String Max Allowed: 1 Length: 2	Status of UPS Access Point.  Valid values: 01-Active-available 07-Active-unavailable
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/AccountNumber</a>		
AccountNumber	Required: No Type: String Max Allowed: 1 Length: 6..10	The account number to use for UPS Access Point Search in the country.  Used to locate a private network for the account. Once this parameter is present any access point address or geocode search is ignored.  It cannot be combined with PublicAccessPointID search parameter.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria</a>		
IncludeCriteria	Required: No Type: Container Max Allowed: 1 Length: N/A	This contains elements to refine (include) UPS Access point address or geocode Search.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/MerchantAccountNumberList</a>		
MerchantAccountNumberList	Required: No Type: Container Max Allowed: 1 Length: N/A	This contains the list of Merchant Account numbers to be used for finding private network access points.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/MerchantAccountNumberList/MerchantAccountNumber</a>		
MerchantAccountNumber	Required: Yes* Type: String Max Allowed:unbounded Length: 6..10	Account number to be used for a private network access point search where a UPS access point candidate list is obtained in search by address or geocode search.

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter</a>		
SearchFilter	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold one or more search criteria for UPS Access Points that allow DCR, Shipping and ClickAndCollect access. Only applicable when the UPS access point candidate list is obtained in search by address or geocode search.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter/DCRIndicator</a>		
DCRIndicator	Required: No Type: String Max Allowed: 1 Length: 0	DCR/DCO Availability indicator for UPS Access Point. Either this indicator is present or not present.  Presence indicates a search for access points with DCR. Any data in the element is ignored.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter/ShippingAvailabilityIndicator</a>		
ShippingAvailabilityIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Shipping Availability indicator for UPS Access Point. Either this indicator is present or not present.  Presence indicates a search of access points with shipping availability. Any data in it is ignored.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter/ShipperPreparationDelay</a>		
ShipperPreparationDelay	Required: No Type: String Max Allowed: 1 Length: 1	Value for the number of days to check for shipping availability from the current day.  When this value is present, ShippingAvailabilityIndicator is implied implicitly.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter/ClickAndCollectSortWithDistance</a>		
ClickAndCollectSortWithDistance	Required: No Type: String Max Allowed: 1 Length: 0..3	This contains the distance (in given UnitOfMeasurement) wherein to sort the click and collect access point locations above other access point locations when a UPS Access Point candidate list is obtained in search by address or geocode search.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/ServiceOfferingList</a>		
ServiceOfferingList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold end point service offering List for UPS Access point. Applicable only when a UPS Access Point candidate list is obtained in search by address or geocode search.

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/ServiceOfferingList/ServiceOffering</a>		
ServiceOffering	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container for Service offering code.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/ServiceOfferingList/ServiceOffering/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	Valid values: 001-Direct To Retail 002-Not In One ADL 003-Click and Collect 004-Retail to Retail 005-Pickup 006-Drop Off 007-PUDO 008-Early Pickup Delivery Time 009-Accept prepaid drop offs 010-DCO DCR intercept accepted 011- Accepts Payments 012-Pay-At-Store 013-Accepts Restricted Articles
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult</a>		
ExcludeFromResult	Required: No Type: Container Max Allowed: 1 Length: N/A	This contains elements to exclude from UPS Access Point address or geocode search.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/BusinessClassificationCode</a>		
BusinessClassificationCode	Required: No Type: String Max Allowed: 1 Length: 3	Contains the business classification code to exclude from the UPS Access Point Search by address or geocode.  Multiple codes are possible in separate elements.  For additional information, refer to <a href="#">Business Classification Codes for UPS Access Points</a> in the Appendix.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/BusinessName</a>		
BusinessName	Required: No Type: String Max Allowed: 1 Length: 1..15	This contains the business name to exclude from UPS Access Point Search by address or geocode. Partial names are accepted.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/Radius</a>		
Radius	Required: No Type: String Max Allowed: 1 Length: 1..3	Public Access points within Radius (in specified Unit of Measure) of any included private access points will be excluded from the results.  Valid only if at least one IncludeCriteria/MerchantAccountNumber is provided.

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/PostalCodeList</a>		
PostalCodeList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold a list of postal codes to exclude from the access point address or geocode search.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/PostalCodeList/PostalCode</a>		
PostalCode	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold the postal code .
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/PostalCodeList/PostalCode/PrimaryPostalCode</a>		
PrimaryPostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	Primary postal code.
<a href="#">/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/PostalCodeList/PostalCode/SecondaryPostalCode</a>		
SecondaryPostalCode	Required: No Type: String Max Allowed: 1 Length: 1..10	Secondary postal code.

## OpenTimeCriteria

Name	Constraint	Description
<a href="#">/LocatorRequest/LocationSearchCriteria/OpenTimeCriteria</a>		
OpenTimeCriteria	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Open Time Criteria
<a href="#">/LocatorRequest/LocationSearchCriteria/OpenTimeCriteria/DayOfWeekCode</a>		
DayOfWeekCode	Required: No Type: String Max Allowed: 1 Length: 1	Day Of week Code. Valid values: 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday
<a href="#">/LocatorRequest/LocationSearchCriteria/OpenTimeCriteria/FromTime</a>		
FromTime	Required: No Type: String Max Allowed: 1 Length: 4	From time. Format: HHMM
<a href="#">/LocatorRequest/LocationSearchCriteria/OpenTimeCriteria/ToTime</a>		
ToTime	Required: No Type: String Max Allowed: 1 Length: 4	To Time. Format: HHMM

## SortCriteria

Name	Constraint	Description
<a href="#">/LocatorRequest/SortCriteria</a>		
SortCriteria	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Sort Criteria
<a href="#">/LocatorRequest/SortCriteria/SortType</a>		
SortType	Required: No Type: String Max Allowed: 1 Length: 1..2	For different sort type.  Valid values: 01-Closet Location 02-Deadline for Drop-off by Air/Express 03-Deadline for Drop-off by Ground/Standard 04-Latest Close Time 05-Earliest Open Time.

## AllowAllConfidenceLevels

Name	Constraint	Description
<a href="#">/LocatorRequest/AllowAllConfidenceLevels</a>		
AllowAllConfidenceLevels	Required: No Type: String Max Allowed: 1 Length: 0	Indicator to allow confidence level in search.

## SearchOptionCode

Name	Constraint	Description
<a href="#">/LocatorRequest/SearchOptionCode</a>		
SearchOptionCode	Required: Cond Type: String Max Allowed: 1 Length: 2	Valid values: 01-Proximity Search Details 02-Address Search Details 03-Proximity Search Summary 04-Address Search Summary 05-Freight Will Call Search  Either OptionType 03 or 04 is required.

## ServiceGeoUnit

Name	Constraint	Description
<a href="#">/LocatorRequest/ServiceGeoUnit</a>		
ServiceGeoUnit	Required: Cond Type: Container Max Allowed: 1 Length: N/A	ServiceGeoUnit Container. Required to search for the freight facility information
<a href="#">/LocatorRequest/ServiceGeoUnit/ServiceCode</a>		
ServiceCode	Required: Yes* Type: String Max Allowed: 1 Length: 3	Service Code. Required if ServiceGeoUnit Container present. Valid value: '096'

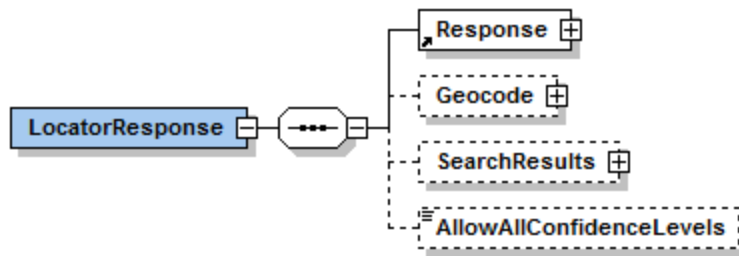


Name	Constraint	Description
<a href="#">/LocatorRequest/ServiceGeoUnit/GeoPoliticalUnit</a>		
GeoPoliticalUnit	Required: Yes* Type: String Max Allowed: 1 Length: 3	GeoPoliticalUnit. Required if ServiceGeoUnit container present. Valid value: '002' .

## FreightIndicator

Name	Constraint	Description
<a href="#">/LocatorRequest/FreightIndicator</a>		
FreightIndicator	Required: No Type: String Max Allowed: 1 Length: 0	FreightIndicator. Required for Freight Location Search.

## LocatorResponse Top Level Containers



## LocatorResponse XPath Tables

Note: Not all containers/elements are reflected separately in the table of contents.

Name	Constraint	Description
<a href="#">/LocatorResponse</a>		
LocatorResponse	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Locator Response Container.

## Response

Name	Constraint	Description
<a href="#">/LocatorResponse/Response</a>		
Response	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Response Container.
<a href="#">/LocatorResponse/Response/TransactionReference</a>		
TransactionReference	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for customer provided data and the XPCI Version.
<a href="#">/LocatorResponse/Response/TransactionReference/CustomerContext</a>		
CustomerContext	Required: No Type: Any Max Allowed: 1 Length: 0..512	Customer provided data. May be XML. If this data is present in the request, it is echoed back to the customer.
<a href="#">/LocatorResponse/Response/TransactionReference/XpciVersion</a>		
XpciVersion	Required: No Type: String Max Allowed: 1 Length: 6	Identifies the version of the message. Current version is 1.0014
<a href="#">/LocatorResponse/Response/ResponseStatusCode</a>		
ResponseStatusCode	Required: Yes Type: String Max Allowed: 1 Length: 1	Identifies the success or failure of the interchange. 1-Success 0-Failure

Name	Constraint	Description
<a href="#">/LocatorResponse/Response/ResponseStatusDescription</a>		
ResponseStatusDescription	Required: No Type: String Max Allowed: 1 Length: 1..15	Describes the Response Status Code.
<a href="#">/LocatorResponse/Response/Error</a>		
Error	Required: No 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.
<a href="#">/LocatorResponse/Response/Error/ErrorSeverity</a>		
ErrorSeverity	Required: Yes* Type: String Max Allowed: 1 Length: 1..15	Describes the severity of the error.  For additional information, refer to <a href="#">Locator Error Codes</a> in the Appendix.
<a href="#">/LocatorResponse/Response/Error/ErrorCode</a>		
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.  For additional information, refer to <a href="#">Locator Error Codes</a> in the Appendix.
<a href="#">/LocatorResponse/Response/Error/ErrorDescription</a>		
ErrorDescription	Required: No Type: String Max Allowed: 1 Length: 1..50	Describes the error code.  For additional information, refer to <a href="#">Locator Error Codes</a> in the Appendix.
<a href="#">/LocatorResponse/Response/Error/MinimumRetrySeconds</a>		
MinimumRetrySeconds	Required: No 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)
<a href="#">/LocatorResponse/Response/Error/ErrorLocation</a>		
ErrorLocation	Required: No Type: Container Max Allowed: 1 Length: N/A	Identifies the element in error.
<a href="#">/LocatorResponse/Response/Error/ErrorLocation/ErrorLocationElementName</a>		
ErrorLocationElementName	Required: No 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.
<a href="#">/LocatorResponse/Response/Error/ErrorLocation/ErrorLocationAttributeName</a>		
ErrorLocationAttributeName	Required: No 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.

Name	Constraint	Description
<a href="#">/LocatorResponse/Response/Error/ErrorDigest</a>		
ErrorDigest	Required: No Type: String Max Allowed: Many Length: Unbounded	The contents of the element in error.

## Geocode

Name	Constraint	Description
<a href="#">/LocatorResponse/Geocode</a>		
Geocode	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Geocode is the latitude and longitude of the origin address. The Geocode is provided in the first successful response. Required to be returned when the origin address or phone number is submitted in the request.
<a href="#">/LocatorResponse/Geocode/Latitude</a>		
Latitude	Required: Yes* Type: String Max Allowed: 1 Length: 1...11	The latitude of the origin address, center point of the exchange, center point of the postal code, or center point of the city.
<a href="#">/LocatorResponse/Geocode/Longitude</a>		
Longitude	Required: Yes* Type: String Max Allowed: 1 Length: 1...11	The longitude of the origin address, center point of the exchange, center point of the postal code, or center point of the city.

## SearchResults

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults</a>		
SearchResults	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for search results.

## Disclaimer

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/Disclaimer</a>		
Disclaimer	Required: Cond Type: String Max Allowed: 1 Length: Variable	Disclaimer. In the event the user requested Ground and Air service types and the maximum UPS locations list size has not been met, the list of locations will continue with locations that provide either ground or air within the search radius.  The disclaimer will note this deviation from the requested search criteria. The disclaimer is also the location where the user will receive information regarding a one-time pickup option if the first location is greater than 20 miles from the origin.

## GeocodeCandidate

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate</a>		
GeocodeCandidate	Required: Cond Type: Container Max Allowed: 1 Length: N/A	If the origin address provided in the location request document does not have a match, a list of candidate addresses, geocodes and optionally a landmark will be returned.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat</a>		
AddressKeyFormat	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Contains all of the basic information about candidate address.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/ConsigneeName</a>		
ConsigneeName	Required: No Type: String Max Allowed: 1 Length: 1..40	Name. Not relevant for candidate list.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/AddressLine</a>		
AddressLine	Required: Cond Type: String Max Allowed: 1 Length: 1..100	Address Line Information. The address level or Intersection information must be returned if provided in the request.  The AddressLine will be a combination of up to 3 separate address lines, each separated by a new line character.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PoliticalDivision3</a>		
PoliticalDivision3	Required: Type: String Max Allowed: 1 Length: 1..35	Subdivision within a City. e.g., a Barrio.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PoliticalDivision2</a>		
PoliticalDivision2	Required: Cond Type: String Max Allowed: 1 Length: 1...50	City.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PoliticalDivision1</a>		
PoliticalDivision1	Required: Cond Type: String Max Allowed: 1 Length: 1...50	State/Province.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PostcodePrimaryLow</a>		
PostcodePrimaryLow	Required: Cond Type: String Max Allowed: 1 Length: 1...10	Postal Code.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PostcodeExtendedLow</a>		
PostcodeExtendedLow	Required: No Type: String Max Allowed: 1 Length: 1..10	4 Digit postal code extension.  Valid for US only.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/CountryCode</a>		
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 1...2	A country code.  Valid values for candidates to be returned are: US-United States (meaning US 50)
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/Geocode</a>		
Geocode	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Geocode is the latitude and longitude of the origin candidate.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/Geocode/Latitude</a>		
Latitude	Required: Yes* Type: String Max Allowed: 1 Length: 1...11	The latitude of the origin address, center point of the exchange, center point of the postal code, or center point of the city.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/Geocode/Longitude</a>		
Longitude	Required: Yes* Type: String Max Allowed: 1 Length: 1...11	The longitude of the origin address, center point of the exchange, center point of the postal code, or center point of the city.
<a href="#">/LocatorResponse/SearchResults/GeocodeCandidate/LandmarkName</a>		
LandmarkName	Required: Cond Type: String Max Allowed: 1 Length: 1..50	If a Landmark code was provided in the request, a candidate list of Landmark Names will be returned along with the corresponding address and Geocode.

**DropLocation**

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation</a>		
DropLocation	Required: Cond Type: Container Max Allowed: UNB Length: N/A	When a location request is submitted with a valid origin address, UPS locations will be returned.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationID</a>		
LocationID	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	The location ID that corresponds to the UPS location. Do not expose the Location ID.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OriginOrDestination</a>		
OriginOrDestination	Required: Yes* Type: String Max Allowed: 1 Length: 2	OriginOrDestination will returned for FreightWillCallRequestType 1 Postal based and 3 City and/or State based search.  OriginOrDestination will be 01 for origin facilities and 02 for Destination facilities

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/Geocode</a>		
Geocode	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Geocode is the latitude and longitude of the location address.  The Geocode for the location address will be returned when Location is requested in the Request Option.
<a href="#">/LocatorResponse/SearchResults/DropLocation/Geocode/Latitude</a>		
Latitude	Required: Yes Type: String Max Allowed: 1 Length: 15	The latitude of the location address or the center point of the area code.
<a href="#">/LocatorResponse/SearchResults/DropLocation/Geocode/Longitude</a>		
Longitude	Required: Yes Type: String Max Allowed: 1 Length: 15	The longitude of the location address or the center point of the area code.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat</a>		
AddressKeyFormat	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Contains all of the basic information about a location, Consignee Name, Building Name, Address Lines, City, State/Province, Postal Code and Country Code.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/ConsigneeName</a>		
ConsigneeName	Required: No Type: String Max Allowed: 1 Length: 1..40	Name. (Also includes the building name) Return if available.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/AddressLine</a>		
AddressLine	Required: Yes* Type: String Max Allowed: 1 Length: 1..100	Address Line Information of the UPS location. The address level or Intersection information. Only two address lines will be returned.  The second line may contain such information as the building name, the suite, and room.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PoliticalDivision3</a>		
PoliticalDivision3	Required: No Type: String Max Allowed: 1 Length: 1..35	Subdivision within a City. e.g., a Barrio.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PoliticalDivision2</a>		
PoliticalDivision2	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	City.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PoliticalDivision1</a>		
PoliticalDivision1	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	State/Province.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PostcodePrimaryLow</a>		
PostcodePrimaryLow	Required: Yes* Type: String Max Allowed: 1 Length: 1...10	Postal Code.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PostcodeExtendedLow</a>		
PostcodeExtendedLow	Required: No Type: String Max Allowed: 1 Length: 1..10	4 Digit postal code extension. Valid for US only.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/CountryCode</a>		
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 1...2	A country code. Valid values to be returned are: US-United States (meaning US 50).
<a href="#">/LocatorResponse/SearchResults/DropLocation/PhoneNumber</a>		
PhoneNumber	Required: Yes* Type: String Max Allowed: 1 Length: 1..15	The UPS locations Phone number. A phone number of the location will be returned.  10 digits allowed for US, otherwise 1..15 digits allowed.  The phone number will be returned as a string.
<a href="#">/LocatorResponse/SearchResults/DropLocation/FaxNumber</a>		
FaxNumber	Required: Cond Type: String Max Allowed: 1 Length: 1..15	The UPS location's Fax number. A fax number of the location will be returned when available.  10 digits allowed for US, otherwise 1..15 digits allowed.  The fax number will be returned as string.
<a href="#">/LocatorResponse/SearchResults/DropLocation/EmailAddress</a>		
EmailAddress	Required: Cond Type: String Max Allowed: 1 Length: 1..50	Email address of the UPS location. Returned when available.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute</a>		
LocationAttribute	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	LocationAttribute is a container that contains the information about the location's Location Type, Retail Location Type, Additional Services, or Program Type.



Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionType</a>		
OptionType	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	OptionType is a container that indicates the type of the location attribute.  There are 4 types of attributes, they are: Location, Retail Location, Additional Services and Program Type.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionType/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for Option type.  Values are: 01-Location 02-Retail Location 03-Additional Services 04-Program Type
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionType/Description</a>		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	Description for Option type such as Location, RetailLocation, AdditionalServices and ProgramType.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode</a>		
OptionCode	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Option code is a container that contains the information of a particular type of Location or retail location or additional service or program type that the drop location contains.  If the OptionType is Location or Retail Location Type there will be one code since each location has only one location type or retail location type.  If the Option type is additional services or program types there can be one or more option codes.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Category</a>		
Category	Required: Yes* Type: String Max Allowed: 1 Length: 2	Only applicabe for OptionType = 03 (Additional Services).  Valid values: 06-Non transportation 07-Transportation
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Code</a>		
Code	Required: Yes Type: String Max Allowed: 1 Length: 1..10	These codes vary by country. It is strongly recommended that clients contact UPS to retrieve the primary search indicator and the valid Location Types and Service Level Options for each country.  Refer to <a href="#">Location Search Option Codes</a> in the Appendix for additional information.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Description</a>		
Description	Required: No Type: String Max Allowed: 1 Length: 1..50	Description is only applicable for Location and Retail Location.  The description for Program types and additional service is not provided with Location detail. It is only provided when the request is for: <ul style="list-style-type: none"> <li>• 8, 24, 40,56-All available additional services or</li> <li>• 16, 24, 48, 56-all available Program types</li> </ul>
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Name</a>		
Name	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	Name will indicate the name of any Additional Services/ Program Types depending on the option code. Text will be displayed in the locale selected.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule</a>		
TransportationPickUpSchedule	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	TransportationPickUpSchedule container contains details of Latest Drop Off time/Pickup Time for the transportation services (Ground/Air/Standard/Express/International) of the location.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp</a>		
PickUp	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	PickUp container contains details of day of week and corresponding pickup times for that service.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp/DayOfWeek</a>		
DayOfWeek	Required: Yes* Type: String Max Allowed: 1 Length: 1	Day of week. 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails</a>		
PickUpDetails	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	PickUpDetails container contains either PickupTime or NoPickupIndicator.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails/PickUpTime</a>		
PickUpTime	Required: Cond Type: String Max Allowed: 1 Length: 4	Pickup time of transportation service for a location in military format (HHMM) e.g. 0930, 1700, 1845 etc. with exception for midnight.  For midnight the time will be returned as 0.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails/NoPickUpIndicator</a>		
NoPickUpIndicator	Required: Cond Type: String Max Allowed: 1 Length: 0	Presence or Absence Indicator. If present, Indicates that there is no pickup time for the day.
<a href="#">/LocatorResponse/SearchResults/DropLocation/Distance</a>		
Distance	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the straight-line distance from the origin to the UPS location.
<a href="#">/LocatorResponse/SearchResults/DropLocation/Distance/Value</a>		
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..4	The straight-line distance from the origin to the UPS location. Distance value may include one decimal and followed by one decimal place.
<a href="#">/LocatorResponse/SearchResults/DropLocation/Distance/UnitOfMeasurement</a>		
UnitOfMeasurement	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	The unit of measurement the user will see for the distance is based on the user input provided in the search request.
<a href="#">/LocatorResponse/SearchResults/DropLocation/Distance/UnitOfMeasurement/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	The distance unit of measurement code. The unit of measurement used in the search request is returned.  Valid values:  MI-Miles KM-Kilometers
<a href="#">/LocatorResponse/SearchResults/DropLocation/Distance/UnitOfMeasurement/Description</a>		
Description	Required: No Type: String Max Allowed: 1 Length: 5,10	May return the description of the unit of measure specified in the request.
<a href="#">/LocatorResponse/SearchResults/DropLocation/SpecialInstructions</a>		
SpecialInstructions	Required: No Type: Container Max Allowed: 1 Length: N/A	Walking directions.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/SpecialInstructions/Segment</a>		
Segment	Required: Yes* Type: String Max Allowed: 1 Length: Variable	Walking directions, last 50 feet.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LatestGroundDropOffTime</a>		
LatestGroundDropOffTime	Required: Cond Type: String Max Allowed: 1 Length: Variable	<p>The latest ground time the users can Drop-off the package at the location to be picked up. The time information is based on the time at the UPS location.</p> <p>When a user specifies a Drop-off Time and Ground as the Service Type, the locations that have latest Drop-off times equal to or later than the specified Drop-off time and service type are returned.</p>
<a href="#">/LocatorResponse/SearchResults/DropLocation/LatestAirDropOffTime</a>		
LatestAirDropOffTime	Required: Cond Type: String Max Allowed: 1 Length: 4..6	<p>The latest airtime the users can Drop-off the package at the location to be picked up. The time information is based on the time at the UPS location.</p> <p>When a user specifies a Drop-off Time and Air as the Service Type, the locations that have latest Drop-off times equal to or later than the specified Drop-off time and service type are returned.</p>
<a href="#">/LocatorResponse/SearchResults/DropLocation/AdditionalChargeIndicator</a>		
AdditionalChargeIndicator	Required: Cond Type: String Max Allowed: 1 Length: 0	Presence or Absence Indicator. If present, Indicates if the UPS location would have an additional charge. ASO locations will require an additional charge.
<a href="#">/LocatorResponse/SearchResults/DropLocation/StandardHoursOfOperation</a>		
StandardHoursOfOperation	Required: No Type: String Max Allowed: 1 Length: Variable	The standard hours of operation of the drop location will be returned when available. The location's time may differ because of holidays.
<a href="#">/LocatorResponse/SearchResults/DropLocation/NonStandardHoursOfOperation</a>		
NonStandardHoursOfOperation	Required: No Type: String Max Allowed: 1 Length: Variable	<p>The non-standard hours of operation of the drop location. The location's time may differ because of holidays, weekends, or other factors that are beyond the locations control.</p> <p>Seven days preceding a given holiday the Non Standard Hours Of Operation will be returned along with the standard hours of operation if available.</p>
<a href="#">/LocatorResponse/SearchResults/DropLocation/WillCallHoursOfOperation</a>		
WillCallHoursOfOperation	Required: No Type: String Max Allowed: 1 Length: Variable	The will call hours of operation of the drop location will be returned when available. The location's time may differ because of holidays.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/Number</a>		
Number	Required: Zero or One Type: String Max Allowed: 1 Length: 1....6	The center number of the drop location if it is The UPS store.
<a href="#">/LocatorResponse/SearchResults/DropLocation/HomePageURL</a>		
HomePageURL	Required: Zero or One Type: String Max Allowed: 1 Length: 1..255	The home page URL of the drop location if it is The UPS store.
<a href="#">/LocatorResponse/SearchResults/DropLocation/Comments</a>		
Comments	Required: Zero or One Type: String Max Allowed: 1 Length: 1..255	Comments returned about the location. Text will be displayed in the locale supported by country.  If Country Code is FR, and locale passed in the request is "fr_FR" then text will be displayed in French language, else comment will be displayed in English language.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AdditionalComments</a>		
AdditionalComments	Required: Zero or One Type: Container Max Allowed: 1 Length: N/A	Container for Additional Comments about Location. Text will be displayed in the Locale requested.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AdditionalComments/CommentType</a>		
CommentType	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container for CommentType Code and Text.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AdditionalComments/CommentType/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Comment code is 01 for AccessPoint LCO pickup time comment.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AdditionalComments/CommentType/Text</a>		
Text	Required: Yes* Type: String Max Allowed: 1 Length: 1..255	Access point LCO pickup time comment
<a href="#">/LocatorResponse/SearchResults/DropLocation/Disclaimer</a>		
Disclaimer	Required: Type: String Max Allowed: 1 Length: Variable	Textual disclaimer about the drop location.
<a href="#">/LocatorResponse/SearchResults/DropLocation/SLIC</a>		
SLIC	Required: Cond Type: String Max Allowed: 1 Length: 5	SLIC.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/Timezone</a>		
Timezone	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	TimeZone.
<a href="#">/LocatorResponse/SearchResults/DropLocation/FacilityType</a>		
FacilityType	Required: Cond Type: String Max Allowed: 1 Length: 3	PKG/FRT.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours</a>		
OperatingHours	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Operating Hours.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours</a>		
StandardHours	Required: Cond Type: Container Max Allowed: UNB Length: N/A	StandardHours Container.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/HoursType</a>		
HoursType	Required: Yes* Type: String Max Allowed: 1 Length: 2	Hours Type.  Valid values: 10-Regular Operating Hours 11-Will Call Hours 12-Same Day Will Call Hours 14-Customer Pickup 50-Drop Off Hours 51-Prep Hours
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek</a>		
DayOfWeek	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Day Of Week.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/Day</a>		
Day	Required: Yes* Type: String Max Allowed: 1 Length: 1	Day of week.  Valid values: 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/OpenHours</a>		
OpenHours	Required: No Type: String Max Allowed: 1 Length: 4	Open time of a location in military format (HHMM) e.g. 930, 1700, 1845 etc. with exception for midnight.  For midnight the time will be returned as 0.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/CloseHours</a>		
CloseHours	Required: No Type: String Max Allowed: 1 Length: 4	Close time of a location in military format (HHMM) e.g. 930, 1700, 1845 etc. with exception for midnight.  For midnight the time will be returned as 0.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/LatestDropOffHours</a>		
LatestDropOffHours	Required: No Type: String Max Allowed: 1 Length: 4	LatestDropOffHours for Hour Type 50.  Latest Drop Off time of a location in military format (HHMM) e.g. 930, 1700, 1845 etc. with exception for midnight.  For midnight the time will be returned as 0.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/PrepHours</a>		
PrepHours	Required: No Type: String Max Allowed: 1 Length: 4	PrepHours for Hour Type 51.  Prep Hours of a location in military format (HHMM) e.g. 930, 1700, 1845 etc. with exception for midnight.  For midnight, the time will be returned as 0.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/ClosedIndicator</a>		
ClosedIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Presence absence Indicator. Indicator present means location is closed.
<a href="#">/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/Open24HoursIndicator</a>		
Open24HoursIndicator	Required: No Type: String Max Allowed: 1 Length: 4...5	Presence/ Absence Indicator. Presence denotes for the given day, if the location is open 24 hours. Absence denotes the location is not open for 24 hours on the given day.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocalizedInstruction</a>		
LocalizedInstruction	Required: Cond Type: Container Max Allowed: UNB Length: N/A	LocalizedInstruction container. Applicable for SearchOptionCode 01,02,03.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocalizedInstruction/Locale</a>		
Locale	Required: Yes* Type: String Max Allowed: 1 Length: 5	Locale
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocalizedInstruction/Last50ftInstruction</a>		
Last50ftInstruction	Required: Yes* Type: String Max Allowed: 1 Length: 1..750	Holds the additional instructions in each language supported by the country. The max length of the additional instruction text is 750 characters.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/PromotionInformation</a>		
PromotionInformation	Required: No Type: Container Max Allowed: UNB Length: N/A	Container to hold any promotion text for the location.
<a href="#">/LocatorResponse/SearchResults/DropLocation/PromotionInformation/Locale</a>		
Locale	Required: Yes* Type: String Max Allowed: 1 Length: 5	Locale (language/ dialect) for the promotion code.
<a href="#">/LocatorResponse/SearchResults/DropLocation/PromotionInformation/Promotion</a>		
Promotion	Required: Yes* Type: String Max Allowed: 1 Length: 1..100	Promotion text for the given location.
<a href="#">/LocatorResponse/SearchResults/DropLocation/SortCode</a>		
SortCode	Required: Cond Type: Container Max Allowed: 1 Length: N/A	This container is only for Freight Will call Search.
<a href="#">/LocatorResponse/SearchResults/DropLocation/SortCode/HubSortCode</a>		
HubSortCode	Required: No Type: String Max Allowed: 1 Length: 2	Holds the value of the hub sort code or airport code
<a href="#">/LocatorResponse/SearchResults/DropLocation/SortCode/FreightSortFacilityCode</a>		
FreightSortFacilityCode	Required: No Type: String Max Allowed: 1 Length: 3	Holds the value of the facility location code.
<a href="#">/LocatorResponse/SearchResults/DropLocation/ServiceOfferingList</a>		
ServiceOfferingList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold the list of service offerings at the end point.
<a href="#">/LocatorResponse/SearchResults/DropLocation/ServiceOfferingList/ServiceOffering</a>		
ServiceOffering	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold the end point service offering code and description.



Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/ServiceOfferingList/ServiceOffering/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	The Valid values: 001-Direct To Retail 002-Not In One ADL 003-Click and Collect 004-Retail to Retail 005-Pickup 006-Drop Off 007-PUDO 008-Early Pickup Delivery Time 009-Accept prepaid drop offs 010-DCO DCR intercept accepted 011- Accepts Payments 012-Pay- At-Store 013-Accepts Restricted Articles
<a href="#">/LocatorResponse/SearchResults/DropLocation/ServiceOfferingList/ServiceOffering/Description</a>		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the service offering. Text will be displayed in the locale requested.
<a href="#">/LocatorResponse/SearchResults/DropLocation/DisplayPhoneNumberIndicator</a>		
DisplayPhoneNumberIndicator	Required: No Type: String Max Allowed: 1 Length: 1	Valid Values: 0-Do not display phone number 1-Display phone number.  This indicator will be returned only for the contact type Telephone number.  This indicator is used by the clients to determine whether to display the telephone number to the end user.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation</a>		
AccessPointInformation	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for UPS Access Point specific parameters.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PublicAccessPointID</a>		
PublicAccessPointID	Required: No Type: String Max Allowed: 1 Length: 1..15	The Public Access Point ID associated with UPS access point.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/ImageURL</a>		
ImageURL	Required: No Type: String Max Allowed: 1 Length: 1..255	Image URL associated with UPS access point.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/BusinessClassificationList</a>		
BusinessClassificationList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold list for business classification.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/BusinessClassificationList/BusinessClassification</a>		
BusinessClassification	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold Business classification of UPS access point.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/BusinessClassificationList/BusinessClassification/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 1..3	Business Classification code of UPS Access Point.  For additional information, refer to <a href="#">Business Classification Codes for UPS Access Points</a> in the Appendix.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/BusinessClassificationList/BusinessClassification/Description</a>		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 0..35	Description of business classification.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/AccessPointStatus</a>		
AccessPointStatus	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for UPS AccessPoint status.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/AccessPointStatus/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Valid status values are: 01-Active-available 07-Active-unavailable 06-Suspended 08-Terminated
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/AccessPointStatus/Description</a>		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of status code.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/FacilitySLIC</a>		
FacilitySLIC	Required: No Type: String Max Allowed: 1 Length: 1..10	Holds the value of facility SLIC of Access Point Location. Not implemented currently. For future use.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PrivateNetworkList</a>		
PrivateNetworkList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold the list of private networks.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PrivateNetworkList/PrivateNetwork</a>		
PrivateNetwork	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold the private network details.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PrivateNetworkList/PrivateNetwork/NetworkID</a>		
NetworkID	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	Value of networkID.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PrivateNetworkList/PrivateNetwork/NetworkDescription</a>		
NetworkDescription	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Description of the Network.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability</a>		
Availability	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold the status of shipping or DRC/DCO availability of a UPS Access Point.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability</a>		
ShippingAvailability	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Holds status of shipping availability.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability/AvailableIndicator</a>		
AvailableIndicator	Required: Cond Type: String Max Allowed: 1 Length: 0	Presence or absence indicator. Presence means the location is available for shipping.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability/UnavailableReason</a>		
UnavailableReason	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Container to hold shipping unavailable reason.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability/UnavailableReason/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for shipping unavailability. Code for DCR/DCO unavailability. Valid values: 01-Temporarily Unavailable 02-Location Full 03-Unavailable 04-Weather
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability/UnavailableReason/Description</a>		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description for shipping unavailability.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability</a>		
DCRAvailability	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Holds status of DCR/DCO availability.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability/AvailableIndicator</a>		
AvailableIndicator	Required: Cond Type: String Max Allowed: 1 Length: 0	Presence or absence indicator. Presence means the location is available for DCR/DCO.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability/UnavailableReason</a>		
UnavailableReason	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Container to hold shipping unavailable reason.
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability/UnavailableReason/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for DCR/DCO unavailability.  Valid values: 01-Temporarily Unavailable 02-Location Full 03-Unavailable 04-Weather
<a href="#">/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability/UnavailableReason/Description</a>		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description for DCR/ DCO unavailability.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationImage</a>		
LocationImage	Required: No Type: Container Max Allowed: 1 Length: N/A	Location Image container.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationImage/SecureURL</a>		
SecureURL	Required: No Type: String Max Allowed: 1 Length: N/A	Secure URL for Location Image.
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationImage/NonSecureURL</a>		
NonSecureURL	Required: No Type: String Max Allowed: 1 Length: N/A	Non Secure URL for Location Image.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/DropLocation/LocationNewIndicator</a>		
LocationNewIndicator	Required: No Type: String Max Allowed: 1 Length: N/A	Indicator for new location.
<a href="#">/LocatorResponse/SearchResults/DropLocation/PromotionalLinkURL</a>		
PromotionalLinkURL	Required: No Type: String Max Allowed: 1 Length: N/A	Promotional link URL for specific location.
<a href="#">/LocatorResponse/SearchResults/DropLocation/FeaturedRank</a>		
FeaturedRank	Required: No Type: String Max Allowed: 1 Length: 0...1	Feature Ranking values: <ul style="list-style-type: none"> <li>• Null or blank - Location is not featured.</li> <li>• 1 - Featured Location ranked number 1.</li> <li>• 2 - Featured Location ranked number 2.</li> </ul>
<a href="#">/LocatorResponse/SearchResults/DropLocation/WillCallLocationIndicator</a>		
WillCallLocationIndicator	Required: No Type: String Max Allowed: 1 Length: 1	Will Call Location Indicator values: <ul style="list-style-type: none"> <li>• Y – Signifies a Will Call location that serves the customers address.</li> <li>• N - Signifies it is not a Will Call location.</li> <li>• Will Call locations are only returned with a "Y" indicator if the request included EnhancedSearchOption code 10.</li> </ul>

**AvailableLocationAttributes**

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes</a>		
AvailableLocationAttributes	Required: No Type: Container Max Allowed: UNB Length: N/A	This container contains the information about the currently existing Retail Locations or Additional Services or Program types.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionType</a>		
OptionType	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	OptionType is a container that indicates the type of the location attribute that are available.  For example if the Option Type is RetailLocation the list of all available retail locations will be returned in 1 or many corresponding OptionCodes.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionType/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for Option type.

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionType/Description</a>		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Description for Option type such as RetailLocation, AdditionalServices and ProgramType.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode</a>		
OptionCode	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Option code is a container that contains the information of a particular retail location type or additional service or program type that is available currently.  One or more of this container will be returned to give all the available codes for Retail Type or Additional Services or Program Type.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/Code</a>		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	The valid list of codes and description for Retail Locations or Additional Services or Program Types that are currently available in the database.  This can be obtained by a separate type of request (Request Option 8, 16, 24, 32, 40, 48, and 56).
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/Description</a>		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Description is only applicable for Program types and Additional Services. It is not provided with Location detail.  It is only provided when the request is for All available additional services or all available Program types. Text will be displayed in the locale requested.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/Name</a>		
Name	Required: No Type: String Max Allowed: 1 Length: 1..50	Name will indicate the name of Location/Retail Location or Additional Services or Program Types depending on the option code. Text will be displayed in the locale requested.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/Category</a>		
Category	Required: No Type: String Max Allowed:unbounded Length:	

Name	Constraint	Description
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule</a>		
Transportation Pickup Schedule	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold information regarding pickup details for each day of the week.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp</a>		
Pickup	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold information regarding pickup day of the week and details.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp/DayOfWeek</a>		
Day of Week	Required: Yes* Type: String Max Allowed:unbounded Length: 1	Day of the week for scheduled pickup.  Valid values: 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails</a>		
Pickup Details	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container to hold information regarding pickup time and pickup availability indicator.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails/PickUpTime</a>		
Pickup Time	Required: No Type: String Max Allowed:unbounded Length: 4	Time of pickup in military format (HHMM) with exception for midnight.  For midnight the time will be returned as 0.
<a href="#">/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails/NoPickUpIndicator</a>		
No Pickup Indicator	Required: Yes* Type: String Max Allowed:unbounded Length:	Indicates whether or not there is a pickup time for the specified day of the week.  Valid values: True - there is a pickup time False - there is not a pickup time

## AllowAllConfidenceLevels

Name	Constraint	Description
<a href="#">/LocatorResponse/AllowAllConfidenceLevels</a>		
AllowAllConfidenceLevels	Required: Type: String Max Allowed: 1 Length: 0	Confidence level.



## Chapter 5: Locator XML API Examples

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### LocatorRequest Example

```
<?xml version="1.0"?>
<AccessRequest xml:lang="en-US">
  <AccessLicenseNumber>Your Access License Number</AccessLicenseNumber>
  <UserId>Your UserID</UserId>
  <Password>Your Password</Password>
</AccessRequest>
<?xml version="1.0"?>
<LocatorRequest>
  <Request>
    <RequestAction>Locator</RequestAction>
    <RequestOption>1</RequestOption>
    <TransactionReference>
      <CustomerContext>XOLT Sample Code</CustomerContext>
    </TransactionReference>
  </Request>
  <OriginAddress>
    <PhoneNumber>1234567891</PhoneNumber>
    <AddressKeyFormat>
      <AddressLine>Street Address</AddressLine>
      <PoliticalDivision2>City</PoliticalDivision2>
      <PoliticalDivision1>State</PoliticalDivision1>
      <PostcodePrimaryLow>12345</PostcodePrimaryLow>
      <PostcodeExtendedLow>1234</PostcodeExtendedLow>
      <CountryCode>US</CountryCode>
    </AddressKeyFormat>
  </OriginAddress>
  <Translate>
    <Locale>en_US</Locale>
  </Translate>
  <UnitOfMeasurement>
    <Code>MI</Code>
  </UnitOfMeasurement>
  <LocationSearchCriteria>
    <SearchOption>
      <OptionType>
        <Code>01</Code>
      </OptionType>
      <OptionCode>
        <Code>002</Code>
      </OptionCode>
    </SearchOption>
    <MaximumListSize>1</MaximumListSize>
    <SearchRadius>50</SearchRadius>
  </LocationSearchCriteria>
</LocatorRequest>
```

## LocatorResponse Example

```

<?xml version="1.0"?>
<LocatorResponse>
  <Response>
    <TransactionReference>
      <CustomerContext>XOLT Sample Code</CustomerContext>
    </TransactionReference>
    <ResponseStatusCode>1</ResponseStatusCode>
    <ResponseStatusDescription>Success</ResponseStatusDescription>
  </Response>
  <AllowAllConfidenceLevels>>false</AllowAllConfidenceLevels>
  <Geocode>
    <Latitude>34.08588027</Latitude>
    <Longitude>-84.2200241</Longitude>
  </Geocode>
  <SearchResults>
    <DropLocation>
      <LocationID>137333</LocationID>
      <IVR>
        <PhraseID>0</PhraseID>
      </IVR>
      <Geocode>
        <Latitude>34.10262680</Latitude>
        <Longitude>-84.2099075</Longitude>
      </Geocode>
      <AddressKeyFormat>
        <ConsigneeName>UPS STORE 2 - </ConsigneeName>
        <AddressLine>319 CURIE DR</AddressLine>
        <PoliticalDivision2>ALPHARETTA</PoliticalDivision2>
        <PoliticalDivision1>GA</PoliticalDivision1>
        <PostcodePrimaryLow>30005</PostcodePrimaryLow>
        <CountryCode>US</CountryCode>
      </AddressKeyFormat>
      <PhoneNumber>276-328-7462</PhoneNumber>
      <FaxNumber>237-628-7362</FaxNumber>
      <LocationAttribute>
        <OptionType>
          <Code>01</Code>
          <Description>Location</Description>
        </OptionType>
        <OptionCode>
          <Code>002</Code>
          <Description>The UPS Store&reg;</Description>
        </OptionCode>
      </LocationAttribute>
      <LocationAttribute>
        <OptionType>
          <Code>02</Code>
          <Description>RetailLocation</Description>
        </OptionType>
        <OptionCode>
          <Code>04</Code>
          <Description>The UPS Store</Description>
        </OptionCode>
      </LocationAttribute>
      <LocationAttribute>

```

```

<OptionType>
  <Code>03</Code>
  <Description>AdditionalServices</Description>
</OptionType>
<OptionCode>
  <Category>06</Category>
  <Code>001</Code>
  <Name>Purchase Packaging Supplies</Name>
</OptionCode>
<OptionCode>
  <Category>06</Category>
  <Code>002</Code>
  <Name>Office Supplies and Services</Name>
</OptionCode>
<OptionCode>
  <Category>06</Category>
  <Code>003</Code>
  <Name>Duplication Services</Name>
</OptionCode>
<OptionCode>
  <Category>06</Category>
  <Code>004</Code>
  <Name>Mail Box Rentals</Name>
</OptionCode>
<OptionCode>
  <Category>06</Category>
  <Code>030</Code>
  <Name>UPS Returns&reg;</Name>
</OptionCode>
<OptionCode>
  <Category>06</Category>
  <Code>031</Code>
  <Name>Find a drop off location</Name>
</OptionCode>
<OptionCode>
  <Category>06</Category>
  <Code>032</Code>
  <Name>Pay for a UPS shipping label</Name>
</OptionCode>
<OptionCode>
  <Category>06</Category>
  <Code>033</Code>
  <Name>Staffed Locations</Name>
</OptionCode>
<OptionCode>
  <Category>07</Category>
  <Code>001</Code>
  <Name>Ground</Name>
  <TransportationPickUpSchedule>
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      <PickUpDetails>
        <NoPickUpIndicator/>
      </PickUpDetails>
    </PickUp>
    <PickUp>
      <DayOfWeek>2</DayOfWeek>

```

```

        <PickUpDetails>
            <PickUpTime>0900</PickUpTime>
        </PickUpDetails>
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        </PickUpDetails>
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    <PickUp>
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        </PickUpDetails>
    </PickUp>
    <PickUp>
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        </PickUpDetails>
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    </PickUp>
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<OptionCode>
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    <Code>002</Code>
    <Name>Air</Name>
    <TransportationPickUpSchedule>
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            <PickUpDetails>
                <NoPickUpIndicator/>
            </PickUpDetails>
        </PickUp>
        <PickUp>
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            </PickUpDetails>
        </PickUp>
        <PickUp>
            <DayOfWeek>3</DayOfWeek>
            <PickUpDetails>
                <NoPickUpIndicator/>
            </PickUpDetails>
        </PickUp>
    </TransportationPickUpSchedule>
</OptionCode>

```

```

        </PickUpDetails>
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    <PickUp>
      <DayOfWeek>4</DayOfWeek>
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      </PickUpDetails>
    </PickUp>
    <PickUp>
      <DayOfWeek>5</DayOfWeek>
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        <NoPickUpIndicator/>
      </PickUpDetails>
    </PickUp>
    <PickUp>
      <DayOfWeek>6</DayOfWeek>
      <PickUpDetails>
        <NoPickUpIndicator/>
      </PickUpDetails>
    </PickUp>
    <PickUp>
      <DayOfWeek>7</DayOfWeek>
      <PickUpDetails>
        <NoPickUpIndicator/>
      </PickUpDetails>
    </PickUp>
  </TransportationPickUpSchedule>
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    <Description>ProgramType</Description>
  </OptionType>
  <OptionCode>
    <Code>02</Code>
    <Name>International Shipping Expert</Name>
  </OptionCode>
  <OptionCode>
    <Code>03</Code>
    <Name>Pack & Ship Guarantee</Name>
  </OptionCode>
  <OptionCode>
    <Code>04</Code>
    <Name>Apple Returns Program</Name>
  </OptionCode>
  <OptionCode>
    <Code>07</Code>
    <Name>Bill My Account</Name>
  </OptionCode>
</LocationAttribute>
<Distance>
  <Value>1.3</Value>
  <UnitOfMeasurement>
    <Code>MI</Code>
    <Description>MILES</Description>
  </UnitOfMeasurement>

```

```
</Distance>
<SpecialInstructions>
  <Segment>WESTWOOD PLAZA - KMART SHOPPING MALL NEXT TO DRESS
  BARN</Segment>
</SpecialInstructions>
<LatestGroundDropOffTime>Mon: 9:00am; Tue-Sun: No Pickup</LatestGroundDropOffTime>
<LatestAirDropOffTime>Mon: 10:00pm; Tue-Sun: No Pickup</LatestAirDropOffTime>
<StandardHoursOfOperation>Mon-Sun: 12:00am-11:55pm</StandardHoursOfOperation>
<Comments>A government-issued photo ID is required when shipping or picking up a package
at a UPS shipping location.</Comments>
<DisplayPhoneNumberIndicator>1</DisplayPhoneNumberIndicator>
<LocationNewIndicator>N</LocationNewIndicator>
<FeaturedRank>2</FeaturedRank>
<WillCallLocationIndicator>N</WillCallLocationIndicator>
</DropLocation>
</SearchResults>
</LocatorResponse>
```

## 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 Web Services and APIs.

Code	Severity	Description
10001	Hard	The XML document is not well formed.
10002	Hard	The XML document is well formed but the document is not valid.
10003	Hard	The XML document 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.
20001	Transient	General process failure.
20002	Hard	The specified service name, {0}, and version number, {1}, combination is invalid.
20003	Hard	Please check the server environment for the proper J2EE ws apis.
20006	Hard	Invalid request action.
20007	Hard	Missing Required field, {0}.
20008	Hard	The field, {0}, contains invalid data, {1}.
20012	Hard	The Client Information exceeds its Maximum Limit of {0}.
250000	Hard	No XML declaration in the XML document.
250001	Hard	Invalid Access License for the tool. Please re-license.
250002	Hard	Invalid UserId/Password.
250003	Hard	Invalid Access License number.
250004	Hard	Incorrect UserId or Password.
250005	Hard	No Access and Authentication Credentials provided.
250006	Hard	The maximum number of user access attempts was exceeded.
250007	Hard	The UserId is currently locked out; please try again in 24 hours.



Code	Severity	Description
250009	Hard	License Number not found in the UPS database.
250019	Hard	Invalid Field value.
250050	Transient	License system not available.

## Locator Error Codes

Error Code	Severity	Description
350002	Hard	Maximum list size is invalid. It cannot be less than 1 or greater than 50.
350003	Hard	Landmark code is invalid. It cannot be less than 1 or greater than 16.
350004	Hard	Search Radius is invalid. It cannot be less than 5 and greater than 100.
350005	Hard	The unit of measurement is invalid. Valid value is MI and KM.
350006	Hard	Map Height is invalid. Valid value is an integer, greater than 100 or less than 400.
350007	Hard	Map Width is invalid. Valid value is an integer, greater than 100 or less than 400.
350008	Hard	Zoom Factor is invalid. It cannot be less than 0 or greater than 15.
350009	Hard	Request option is not supplied or is invalid.
350010	Hard	The Pan Value is invalid. Valid values are: 1, 0, or 1.
350019	Hard	The latitude value is invalid. It should be a number.
350020	Hard	The longitude value is invalid. It should be a number.
350021	Hard	The maximum list size is invalid. It should be a number.
350022	Hard	Search radius is invalid. It should be a number.
350023	Hard	Time is invalid. Valid format is HHMM.
350024	Hard	Map Start Number is not valid.
350027	Hard	Zoom Factor is not an integer.
350028	Hard	Pan X is not an integer.
350029	Hard	Pan Y is not an integer.
350031	Hard	Service code that indicates ground or air is required when service time is present.
350032	Hard	More origin information must be provided to complete the request.
350035	Hard	The Latitude is missing. It is required if geocode is present in the request.
350036	Hard	The Longitude is missing. It is required if geocode is present in the request.
350037	Hard	SearchOption node should contain OptionType node.
350038	Hard	SearchOption node should contain OptionCode node.
350039	Hard	Saturday pick up is only applicable for air.
350040	Hard	The request action is invalid.
350041	Hard	Location ID is required for Request Option 2
350042	Hard	The maximum candidate list size supplied is not valid.
350043	Hard	Location ID is required for DrivingDirections request.
350044	Hard	Origin geocode is required for request option 2.
350045	Hard	Both location type and retail location type are present in the request.

Error Code	Severity	Description
350046	Hard	Option type code is invalid . Valid values are, 01, 02, 03, 04 and 05.
350047	Hard	Relation parameter is invalid. Valid values are 01 and 02.
350048	Hard	Service code is invalid. Valid values are 01, 02, 03 and 04.
350049	Hard	Service option code is invalid. Valid values are 01.
350050	Hard	Willcallsearch node should include SLIC.
350051	Hard	Willcallsearch node should include postal code.
350052	Hard	Willcallsearch node should include country code.
350102	Hard	The Country code is missing.
350103	Hard	The language code is missing.
350104	Hard	The country code is invalid. Valid Value is US.
350105	Hard	The language code is invalid. Valid value is ENG.
350201	Hard	Unable to find any locations.
350202	Hard	Geocode was expected for this request.
350203	Hard	Unable to produce results.
350204	Hard	Unable to retrieve driving directions.
350205	Hard	Unable to produce a geospatial coordinate from the request.
350206	Hard	The Program type code provided is invalid.
350208	Hard	Request Option is invalid.
350209	Hard	Additional Services code provided is Invalid.
350210	Hard	Will call Locations not found.
350212	Hard	Invalid Retail Location Type code.
350216	Hard	There are no available additional services.
350217	Hard	There are no available retail location types.
350218	Hard	There are no available program types.
355001	Transient	The locator service is unavailable.
355002	Transient	No map was produced.
355003	Transient	The Locator system is temporarily unavailable.
350106	Hard	The city is not supported in the Customer Integration Environment
350107	Hard	The country is not supported in the Customer Integration Environment.
350214	Hard	A map could not be rendered.
350221	Hard	The search criteria did not return any results.
355004	Hard	Missing or Invalid Search Option Code for Freight Location Search.
355005	Hard	Missing ServiceGeoUnit Container for Freight Location Search.
355006	Hard	Missing or Invalid ServiceCode for Freight Location Search.
355007	Hard	Missing or Invalid GeoPoliticalUnit for Freight Location Search.
355008	Hard	Ambiguous Locations.
355009	Hard	Do not use freight location code (17) or freight Indicator (FreightIndicator) with any other valid package location option codes.

Error Code	Severity	Description
355010	Hard	Missing or Invalid Freight Will Call Search Request Type.
355011	Hard	Missing SLIC.
355012	Hard	SLIC exceeds the maximum number of 20.
355013	Hard	Missing Postal Code.
355014	Hard	Postal Code exceeds the maximum number of 20.
355015	Hard	Missing City, State or Province
355016	Hard	Deliver City or State exceeds the maximum number of 20.
355017	Hard	Invalid Day Of Week Code.
355018	Hard	Missing or Invalid Format Postal Code.
355019	Hard	Missing or Invalid Locale.
355020	Hard	Missing required data. Please verify the request parameters and try again.
355021	Hard	Location not found for postal code country.
355022	Hard	Location not found for non Postal code country.
355023	Hard	Missing or Invalid OriginOrDestination value.
355024	Hard	Invalid Postal Code or Country Code.
335042	Hard	Search Criteria missing for AccessPointSearch by Address.
335044	Hard	AccessPointSearch/ExcludeFromResult/Raduis and IncludeCriteria/MerchantAccountNumberList/MerchantAccountNumber are both required.
335046	Hard	AccessPointSearch invalid if both UPS Account Number and PublicAccessPointID present.
335047	Hard	AccessPointSearch can search by maximum 50 MerchantAccountNumber
335049	Hard	AccessPointSearch can search by excluding maximum 50 BusinessClassificationCode.
335051	Hard	AccessPointSearch can search by excluding maximum 50 PostalCodes.
335059	Hard	AccessPointSearch/IncludeCriteria/SearchFilter/ShipperPreparationDelay exceeds maximum value.

## Business Classification Codes for UPS Access Points

Code	Name	Code	Name
001	BAKERY	020	NEWSSTAND
002	BOOKSTORE	021	OTHER
003	CHEMISTS / PHARMACY	022	PET_SHOP
004	CLOTHES_SHOES	023	PHOTO_SHOP
005	CONVENIENCE_SHOP	024	RECORD_SHOP
006	DRY_CLEANING	025	SUPERMARKET
007	DRUGSTORE	026	SHOE_STORE
008	ELECTRONICS_SHOP	027	SWEET_SHOP
009	FLOWER_SHOP	028	TOBACCO_SHOP
010	FRUIT_STAND	029	TELECOM_STORE
011	FOOD_SHOP	030	VIDEO_STORE
012	GAS_STATION	031	VEGETABLE_STORE
013	GROCERY_STORE	032	OFFICE SUPPLIES
014	GIFT_SHOP	033	PACK AND SHIP
015	HARDWARE_STORE	034	BEAUTY SUPPLY
016	HOME_FURNISHING	035	GENERAL GOODS
017	HOTEL_RESTAURANT	036	TOY STORE
018	NIGHT_SHOP	037	COBBLER/SHOE REPAIR
019	LIQUOR_STORE	038	ALTERATIONS

## Country Codes

### Locator API Supported Countries

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

The following table lists all of the country 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. Refer to the [UPS Rate and Service Guide](#) at [UPS.com](http://www.ups.com) for more information on UPS services.

Destination Country Name	Country Code
Albania	AL
Algeria	DZ
Argentina	AR
Australia	AU
Austria	AT
Azerbaijan	AZ
Bahamas	BS
Bahrain	BH
Belgium	BE
Bermuda	BM
Bolivia	BO
Bosnia and Herzegovina	BA
Brazil	BR
Canada	CA
Cayman Islands	KY
Chile	CL
Colombia	CO
Costa Rica	CR
Croatia	HR
Denmark	DK
Dominican Republic	DO
Ecuador	EC
Egypt	EG
El Salvador	SV
Finland	FI
France	FR
Germany	DE
Ghana	GH
Gibraltar	GI
Guatemala	GT

Destination Country Name	Country Code
Honduras	HN
Indonesia	ID
Ireland, Republic of	IE
Italy	IT
Kazakhstan	KZ
Kenya	KE
Kuwait	KW
Kosovo	KV
Luxembourg	LU
Malaysia	MY
Malta	MT
Mauritius	MU
Mexico	MX
Moldova	MD
Morocco	MA
Netherlands	NL
New Zealand	NZ
Nicaragua	NI
Nigeria	NG
Norway	NO
Oman	OM
Pakistan	PK
Panama	PA
Paraguay	PY
Peru	PE
Philippines	PH
Poland	PL
Portugal	PT
Puerto Rico	PR
Qatar	QA
Saudi Arabia	SA
Serbia	RS
Singapore	SG
South Africa	ZA
Spain	ES
Sweden	SE
Switzerland	CH
Thailand	TH

Destination Country Name	Country Code
U.S. Virgin Islands	VI
United Arab Emirates	AE
United Kingdom	GB
United States	US
Uruguay	UY
Venezuela	VE

## Location Options

Code	Location Option Description
000	Represents all location types supported by a country (not an actual location type code)
001	UPS Customer Center
002	The UPS Store
003	UPS Drop Box
004	Authorized Shipping Outlet
005	Mail Boxes Etc.
007	UPS Alliance
009	UPS Express
010	UPS Express
011	UPS Express
012	UPS Express
014	UPS Authorized Service Providers
015	UPS Authorized Service Providers
016	UPS Authorized Service Providers
017	UPS Worldwide Express Freight Center
018	UPS Access Point
019	UPS Access Point Locker



## Location Search Option Codes

### Elements:

/LocatorRequest/LocationSearchCriteria/SearchOption/OptionCode/Code

/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Code

These codes vary by country. It is strongly recommended that clients contact UPS to retrieve the primary search indicator and the valid Location Types and Service Level Options for each country.

The primary search indicator specifies whether to use Location Types or Service Level Options.

### Retail Locations

The Retail Locations codes change dynamically. The valid list of codes for different retail location types can be obtained by a separate type of request (Request Option 32, 40, 48 and 56).

### Additional Service Codes

The Additional service codes change dynamically. The valid list of codes for different additional services can be obtained by a separate type of request (Request Option 8, 24, 40 and 56).

### Program Type Codes

The Program Type codes change dynamically. The valid list of codes for different program types can be obtained by a separate type of request (Request Option 16, 24, 48 and 56).

The Request should include **Services Level Options** OR **Location Types** but not both. If both are passed, the Service Level Option will be ignored. Only one Service Level Option can be requested at a time.

**\*\*Note:** The name for UPS Access Point, Kiala Point, and UPS Paket Shop (011) and UPS Authorized Service Provider (014, 015, 016) will change by country.

### Locations

001-UPS Customer Center  
 002-The UPS Store  
 003-UPS drop box  
 004- Authorized Shipping Outlet  
 005-MailBoxes Etc  
 007-UPS Alliance  
 009-UPS Express  
 010-UPS Express  
 011-UPS Access Point/Kiala Point/UPS Paket Shop  
 012-UPS Express  
 013-UPS Authorized Service Provider  
 014-UPS Authorized Service Provider  
 015-UPS Authorized Service Provider  
 016-UPS Authorized Service Provider  
 017-UPS Freight Customer Centers  
 018-UPS Access Point  
 019-UPS Access Point Locker

### Service Level Option

01-Full Service  
 02-Shipping and Drop Off  
 03-Shipping  
 04-Drop Off  
 05-All

06-Self-Service

07-Collection and Prepaid Drop Off

08-Unstaffed Collection & Prepaid Drop-off

## Program Types

Code	Description (Varies by Country)
03	Pack & Ship Promise/Guarantee
02	International Shipping Expert
04	Apple Returns Program
05	UPS Consignee Pickup
06	UPS My Choice
07	Bill My Account
08	UPS Access Point

## Service Level Options and Location Types

Country	Full Service	Shipping & Drop Off	Shipping	Drop Off Staffed	Drop Off Unstaffed	Collection & Prepaid Drop Off
Albania (AL)	N	Y	Y	Y	N	N
Algeria (DZ)	N	Y	Y	Y	N	N
Argentina (AR)	N	Y	Y	Y	N	N
Australia (AU)	N	Y	Y	Y	N	N
Austria (AT)	Y	Y	Y	Y	N	N
Azerbaijan (AZ)	N	Y	Y	Y	N	N
Bahamas (BS)	N	Y	Y	Y	N	N
Bahrain (BH)	N	Y	Y	Y	N	N
Belgium (BE)	N	Y	Y	Y	N	Y
Bermuda (BM)	Y	Y	Y	Y	N	N
Bolivia (BO)	Y	Y	Y	Y	N	N
Bosnia (BA)	N	Y	Y	Y	N	N
Brazil (BR)	Y	Y	Y	Y	N	N
Canada (CA)	Y	Y	Y	Y	Y	Y
Cayman Islands (KY)	Y	Y	Y	Y	N	N
Chile (CL)	Y	Y	Y	Y	N	N
Colombia (CO)	Y	Y	Y	Y	N	N
Costa Rica (CR)	Y	Y	Y	Y	N	N
Croatia (HR)	Y	Y	Y	Y	N	N
Denmark (DK)	N	Y	Y	Y	N	N
Dominican Republic (DO)	Y	Y	Y	Y	N	N
Ecuador (EC)	Y	Y	Y	Y	N	N
Egypt (EG)	N	Y	Y	Y	N	N
El Salvador (SV)	Y	Y	Y	Y	N	N
Finland (FI)	N	Y	Y	Y	N	N
France (FR)	Y	Y	Y	Y	N	Y
Germany (DE)	Y	Y	Y	Y	N	Y
Ghana (GH)	N	Y	Y	Y	N	N
Gibraltar (GI)	N	Y	Y	Y	N	N
Guatemala (GT)	Y	Y	Y	Y	N	N
Honduras (HN)	Y	Y	Y	Y	N	N
Indonesia (ID)	Y	Y	Y	Y	N	N
Ireland (IE)	Y	Y	Y	Y	N	N
Italy (IT)	Y	Y	Y	Y	N	N
Kenya (KE)	N	Y	Y	Y	N	N
Khazakstan (KZ)	N	Y	Y	Y	N	N

Country	Full Service	Shipping & Drop Off	Shipping	Drop Off Staffed	Drop Off Unstaffed	Collection & Prepaid Drop Off
Kuwait (KW)	N	Y	Y	Y	N	N
Luxembourg (LU)	Y	Y	Y	Y	N	Y
Malaysia (MY)	N	Y	Y	Y	N	N
Malta (MT)	Y	Y	Y	Y	N	N
Mauritius (MU)	N	Y	Y	Y	N	N
Mexico (MX)	N	Y	Y	Y	N	N
Moldova (MD)	Y	Y	Y	Y	N	N
Morocco (MA)	N	Y	Y	Y	N	N
Netherlands (NL)	N	Y	Y	Y	N	Y
New Zealand (NZ)	N	Y	Y	Y	N	N
Nicaragua (NI)	Y	Y	Y	Y	N	N
Nigeria (NG)	Y	Y	Y	Y	N	N
Norway (NO)	N	Y	Y	Y	N	N
Oman (OM)	N	Y	Y	Y	N	N
Pakistan (PK)	N	Y	Y	Y	N	N
Panama (PA)	N	Y	Y	Y	N	N
Paraguay (PY)	Y	Y	Y	Y	N	N
Peru (PE)	Y	Y	Y	Y	N	N
Philippines (PH)	Y	Y	Y	Y	N	N
Portugal (PT)	N	Y	Y	Y	N	N
Puerto Rico (PR)	N	Y	Y	Y	N	N
Qatar (QA)	Y	Y	Y	Y	Y	N
Saudi Arabia (SA)	N	Y	Y	Y	N	N
Serbia (RS)	N	Y	Y	Y	N	N
Singapore (SG)	N	Y	Y	Y	N	N
South Africa (ZA)	N	Y	Y	Y	N	N
Spain (ES)	N	Y	Y	Y	N	Y
Sweden (SE)	Y	Y	Y	Y	N	N
Switzerland (CH)	Y	Y	Y	Y	N	N
Thailand (TH)	N	Y	Y	Y	N	N
United Arab Emirates (AE)	Y	Y	Y	Y	N	N
United Kingdom (GB)	N	Y	Y	Y	N	Y
United States (US)	Y	Y	Y	Y	N	N
Uruguay (UY)	Y	Y	Y	Y	Y	N
US Virgin Islands (VI)	Y	Y	Y	Y	N	N
Venezuela (VE)	N	Y	Y	Y	N	N

Note: MBE can be found in countries that do not have The UPS Store. When MBE and The UPS Store are in the same country, MBE is categorized as a Authorized Shipping Outlet.

## Service Offering Codes for UPS Access Points

### End Point Service Offering Codes

Code	Description
001	A commercial business sends a shipment to an authorized retail destination where it is held for the final consignee to claim
002	A shipment that failed the first delivery at the consignees address, could not be redirected to a neighbor, and was redirected by UPS to a nearby UPS Access Point™
003	Click and Collect
004	Consumer to consumer shipping option for shipments that are dropped off at a UPS Access Point and sent to a UPS Access Point for the final consignee to claim
005	UPS Access Point allows customers to only Pickup/Collect shipments
006	UPS Access Point allows customer to only Drop Off shipments
007	Spare parts logistics for service engineers & technicians through the UPS Access Point network for picking up and dropping off parts at convenient locations
008	The UPS Access Point is open early to allow consignees to Pick-up/Collect of packages
009	UPS Access Point can accept packages that already have an acceptable ups shipping label with tracking number
010	When a delivery change request to a retail location has been completed by Delivery Change Option (DCO) in Mychoice - preferences and Delivery Change Request (DCR) at UPS.com
011	The location will have the capability to accept monies for Cash on Delivery (COD) and International Cash on Delivery (ICOD) shipments to the UPS Access Point locations
012	The location will have the capability to filter it with Pay At Store feature.
013	The location will have the capability to filter it with Accepts Restricted Articles feature.

### Additional Services

Code	Description (Varies by Country)
002	Office Supplies and Services
003	Duplication Services
004	Mail Box Rentals
005	Faxing
006	Freight Services
007	Crating
009	Notary
012	Pay at Store
030	UPS Returns
033	Staffed Locations

