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## Important Information

### UPS Developer APIs

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

### Key Legal Requirements for UPS Developer APIs

#### *Permitted Territories*

This document can only be used in the countries listed in Exhibit C of the UPS Technology Agreement or UPS Customer Technology Agreement.

#### *Use*

The application must not be designed to allow distribution of information received through the UPS Web Service 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).

#### *Consent to Use of UPS Mark*

- All screens or forms generated by your application including information received through the UPS Web Service APIs must include (1) the UPS Mark positioned in reasonable proximity to the Information and of an appropriate size to readily identify the source of the Information as UPS and (2) the following language at the bottom of every screen that displays the UPS Mark: "UPS, the UPS brand mark, and the Color Brown are trademarks of United Parcel Service of America, Inc. All Rights Reserved". Except as set forth in the preceding sentence, you have no right to use the UPS Mark without the prior written approval of UPS.
- You shall not use the UPS Mark in association with any third party trademarks in a manner that might suggest co-branding or otherwise create potential confusion as to source or sponsorship of the application, or ownership of the UPS Mark.
- The UPS Mark shall be used only as provided by UPS electronically or in hard copy form. The UPS Mark may not be altered in any manner, including proportions, colors, elements, etc., or animated, morphed or otherwise distorted in perspective or dimensional appearance.

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

### ***Copyright and Proprietary Notice***

In your application and any POD Letters you prepare you must include a prominent reproduction of UPS's copyright and proprietary notices in a form and format specified by UPS (See 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 Web Service APIs. Your application must present all data within each field received through the UPS Web Service APIs without amendment, deletion or modification of any type.



## Customer Integration Environment

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

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

Please note that while the Customer Integration Environment maintains system availability 24 hours, 7 days each week, there are occasional system down times to allow for server maintenance.

## Negotiated Rates

Negotiated Rates are available in the UPS Customer Integration Environment and are returned when the Negotiated Rate indicator is provided in the rate request. The Negotiated Rates returned *do not reflect the contractual rate and may vary*. (Generally they are 1% off the published rate.)

Also in the Customer Integration Environment the shipper eligibility for Negotiated Rates is not fully verified. For shipper eligibility requirements refer to Negotiated Rates section within UPS Rates & Service Selection.

For integration testing, you should direct your test Shipping software to:

<https://wwwcie.ups.com/webservices/Ship>.

## Testing and Deploying Applications

UPS maintains a special web site to support testing and staging of applications that rely on the Shipping Web Services. This site lets developers test and debug their applications by simulating transactions with UPS. The staging site responds to Web Services requests just like the UPS production site; however, it does not initiate actual UPS business services.

For example, if you send a shipping request to the UPS production site, a UPS driver may show up at your location expecting to pick up a package (and expecting payment for the service.) Sending the shipping request to the staging site will avoid this problem.

The web site for testing and staging is the UPS Customer Integration Environment. You can access this test site by using the domain name of [wwwcie.ups.com](https://wwwcie.ups.com). If you are using development tools that automatically generate messages based on the WSDL files, you may need to edit the WSDL files so that they direct the request to the staging site or the production site, as appropriate.

## *System Availability*

The Customer Integration Environment is available 24 hours a day, 7 days a week.

## *Server Availability Check*

All of the UPS services work using HTTPS POST. Using the same URL as you point your application to, perform an HTTPS GET. If the server is available, it will reply with the service name, remote user, server port, server name, and servlet path. To see this in action, type the following URL in your web browser:

<https://wwwcie.ups.com/webservices/Ship>

This will be returned:

**Service Name: ShipWS**  
**Remote User: null**  
**Server Port: 443**  
**Server Name: wwwcie.ups.com**  
**Servlet Path: /Ship**

## **UPS Label Certification**

UPS requires that customers pass a Certification process prior to shipping actual (billable) packages. The Certification Process is as follows:

1. Ship five shipments in the Customer Integration Environment (CIE). These shipments must be valid shipments but may contain any combination of origins, destinations and services. At least one of these tests must produce a High Value Report by including a shipment with an InsuredValue greater than \$999.
2. Void any four of the UPS-defined “Void” test cases in CIE.
3. If you are producing GIF images, please e-mail the following 39 files along with your UPS User ID and Access key to uoltects@ups.com:
  - The requests and responses of the forward and return shipments of your transactions from all five shipments (20 files).
  - The resulting GIF images of the label from all five shipments (5 files).
  - The resulting GIF images of the High Value Report for at least one shipment (1 file).
  - The HTML pages containing the scaling information for the label from all five shipments (5 files).

- The requests and responses of all the Void transactions (8 files).
4. If you are printing labels via a Thermal Printer, the labels must be sent to UPS. Please send an email with your pickup address to [labelverify@ups.com](mailto:labelverify@ups.com) and we will provide a label via email.
    - Include a High Value Report for at least one shipment with the thermal labels. Email the following 28 files along with your UPS User ID and Access Key to [uoltects@ups.com](mailto:uoltects@ups.com):
    - The requests and responses of the forward and return shipments of your transactions from all five shipments (20 files).
    - The requests and responses of all the Void transactions (8 files).
  5. UPS will contact you via email within 2 business days to inform you of your approval status. **Once granted, point your software to the Production URL, <https://onlinetools.ups.com/webservices/Ship>.**

Note: UPS reserves the right to revoke shipping privileges from any customers who fail to abide by the Certification Requirements outlined above.

## Other Shipping Tools

### *Voiding Package Shipments*

Test your Void application using the set of 1Zs listed below:

Number(s)	Expected Result
1ZISDE016691676846	A successful XML response will be returned for a shipment level void request.
1Z2220060290602143	A successful XML response will be returned for a shipment level void request.
1Z2220060294314162 and Tracking Number 1Z2220060291994175	A successful XML response will be returned for a package level void request. The request will void the package in the shipment.
1Z2220060292690189 and Tracking Number 1Z2220060292002190	A successful XML response will be returned for a package level void request. The request will void the package in the shipment.
1ZISDE016691609089 with Tracking Numbers 1ZISDE016694068891 and 1ZISDE016690889305	A successful XML response will be returned for a package level void request. The request will void all the packages.
1Z2220060290530202 with Tracking Number 1Z2220060293874210 and 1Z2220060292634221	A successful XML response will be returned with a partial void for a package level void request. The request will void package 1Z2220060293874210 but package 1Z2220060292634221 cannot be voided.

This will ensure that your application has the ability to process success and error responses correctly.

For integration testing, you should direct your test Void Package Shipment software to:

<https://wwwcie.ups.com/webservices/Void>

### ***System Availability***

The Customer Integration Environment is available 24 hours a day, 7 days a week.

### ***Server Availability Check***

All of the UPS services work using HTTPS POST. Using the same URL as you point your application to, perform an HTTPS GET. If the server is available, it will reply with the service name, remote user, server port, server name, and servlet path. To see this in action, type the following URL in your web browser:

<https://wwwcie.ups.com/webservices/Void>

The following will be returned:

**Service Name: Void**  
**Remote User: null**  
**Server Port: 443**  
**Server Name: wwwcie.ups.com**  
**Servlet Path: /Void**

## Welcome to the UPS API Developer's Guides

Welcome to the UPS API Developer's Guides. This guide provides the information you need to begin using UPS Developer APIs.

UPS Developer APIs offer a fast and convenient way to access UPS service information using the Internet. With these Developer APIs, UPS lets you easily incorporate UPS technology in your own applications or your own web site. Your users—running your applications or visiting your web site—can have up-to-the-minute access to UPS services.

### What's New for Shipping in January 2010

#### Package Pickups for January 2010:

- Effective with the January Release, UPS has separated the concept of Pickups from the concept of individual Shipments.
- The new preferred method for clients will be to schedule Pickups through a new Pickup Web Service in transactions independent from Shipment creation via the Ship tool/Web Service.
- For existing UPS API clients, backward compatibility from a technical perspective has been maintained.
- For existing UPS API clients, billing for Pickups can change dramatically if Pickups continue to be scheduled through the Ship Tool/Web Service.
- Every Pickup request will be billed.
- For example, if 100 shipments are scheduled and each shipment requests a pickup, the Customer will be billed for 100 Pickup attempts... even though a single driver may come, one-time, to Pickup all 100 Shipments simultaneously.

#### Large Packages for January 2010:

- The Large Package (LP) indication can be applied at the package level for all API supported forward and return origins.

#### Saturday Delivery for Returns for January 2010:

- The restriction against Saturday Delivery for Return shipments has been removed. No Client coding changes required.

#### Weight Limit for Letters for January 2010:

- Any letter above the published or custom threshold will be rated and priced as a document, PAK, or a package using the actual weight. No Client coding changes required
- For any letter/envelope that exceeds the publish letter weight threshold, the packaging type will remain as letter/envelope. No Client coding changes required

#### UPS Service Offering Changes for January 2010:

- Domestic Express services are expanded to the following countries: Bulgaria, Estonia, Indonesia, Latvia, Lithuania, Malaysia, Morocco, New Zealand, Philippines, Slovakia, Slovenia, South Korea, Taiwan, Thailand, Turkey, and Vietnam. No Client coding changes required

**EU Third Party Billing Changes for January 2010:**

- Domestic shipments (EU1 to EU1) can now be billed in a different EU country or a Non-EU country. No Client coding changes required
- Transborder (EU1 to EU2) shipments can now be billed in a country outside of the EU. No Client coding changes required

## How to Use this Guide

If you are an experienced developer, you can begin developing applications quickly after reviewing "Required Steps for Integrating."

If you would like a more step-by-step guide to developing and deploying the Developer APIs, "Planning Your Applications" provides advice and describes options for developing and deploying applications and web sites that use UPS Developer APIs.

The "UPS Developer API Technologies" section explains key technologies on which the Developer APIs rely. That section also includes hints for using those technologies in various software development environments.

If you would like to learn more about what the UPS API covered in this guide can do for your applications, refer to the section on understanding the UPS API Services in this guide.

A complete technical reference to the Developer API covered in this guide is found in the API Reference section with details for the programming interfaces.

Additional material, including reference tables and lists, may be found in the appendices.

## Business Processes and Rules

- When registering for the Shipping API, a customer must either have an existing account number or open a new account (instructions w/ screen shots noted in separate doc)
- In order to add an account number to your MyUPS ID for the US and CA, you must have your Invoice Level Control ID and a Plan level Control ID, UPS Account Number, Country, Amount due and date of invoice for authentication.
- You can void a shipment from the following origin countries: US, PR and CA, no restrictions on destinations
- Date is not an element in the Shipment portions of the request... Date is an element in Pickup portion and can be a future date...effective Jan2010 this option will only be available through the Pickup API
- Shipping API does not have a tag to support the Electronic Export Information (EEI) for the Shipper's Export Declaration (SED), a customer may manually enter the Employer Identification Number (EIN) on the label.
- When registering for the Shipping API, a customer must either have an existing account number or open a new account
- Must have UPS 6 digit account numbers in MyUPS profile to be able to bill to that account number.
- Only AddressLine1 is printed for ShipFromAddress on the label. Address Line 1, 2 and 3 will be printed on the label for the ShipTo Address if provided in the request

## Required Steps for Integrating Web Services

The required steps for integrating the UPS APIs are listed here for UPS Web Services.

### UPS Web Services

Details for accessing UPS Developer API Web Services are defined within Web Service Definition Language (WSDL) files that are part of the UPS Developer Kit. Most modern development environments include support for automatically importing WSDL files and generating skeleton code to access the services. Although the specific details depend on the particular development environment, the general procedure is as follows.

1. Review the UPS Technology Agreement available at [www.ups.com](http://www.ups.com). This agreement requires that you follow certain procedures and practices in using UPS Developer API Web Services.
2. Import the WSDL files into the development APIs of choice. Depending on the specific API, this step will result in skeleton code (such as Java or C# classes) for accessing the Web Services  
*NOTE: Integrators must import the WSDL into an Interactive Development Environment (IDE) as a requisite for certification and continued support.*
3. Add your functionality specific to your application and/or web site to the skeleton code.
4. Test your application and/or web site using the designated UPS staging environment.
5. If you are a UPS Ready developer, review your application with UPS.
6. If you require UPS Signature Tracking functionality, certify your application with UPS.
7. Deploy your application for your customers.
8. Ensure the UPS Shipper Account number is added to the user's profile. This can be done at [myups.com](http://myups.com).

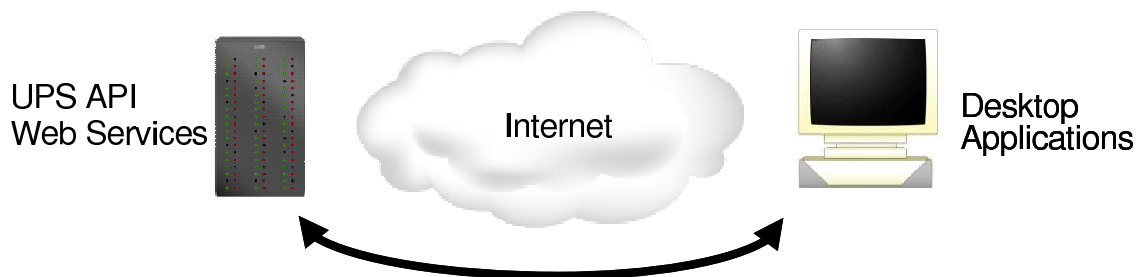


## Planning Your Applications for Web Services

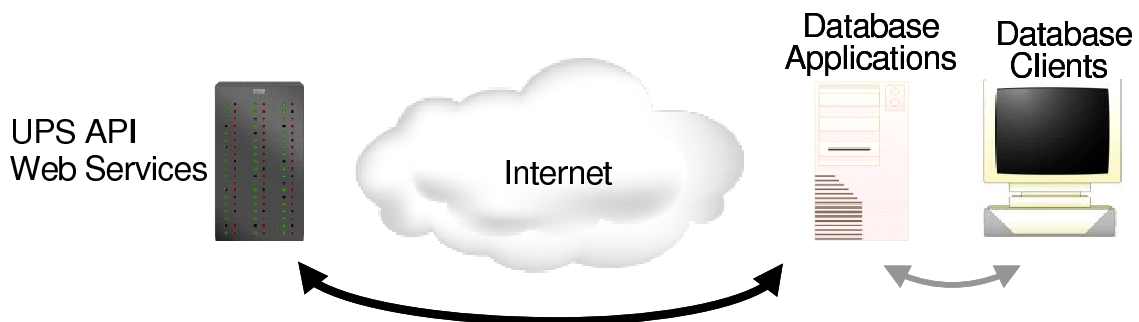
Planning is a key part of any successful development activity, and UPS Web Service applications are no exception. This section helps that planning by describing the important activities of any UPS Web Services application project. It provides an overview of the steps required to develop applications, and it describes key factors and choices necessary to deploy those applications.

### Web Service Applications

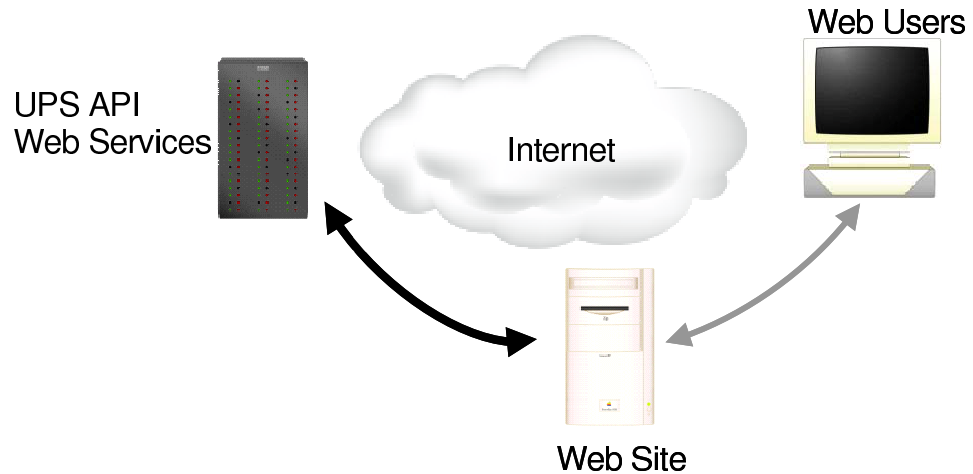
Many different types of applications can take advantage of Web Services. Those application types include dedicated desktop applications, databases, web applications, and documents. The following figures illustrate some of the possibilities for applications using UPS Web Services. The only essential requirement for all of these applications is that they must have access to the Internet.



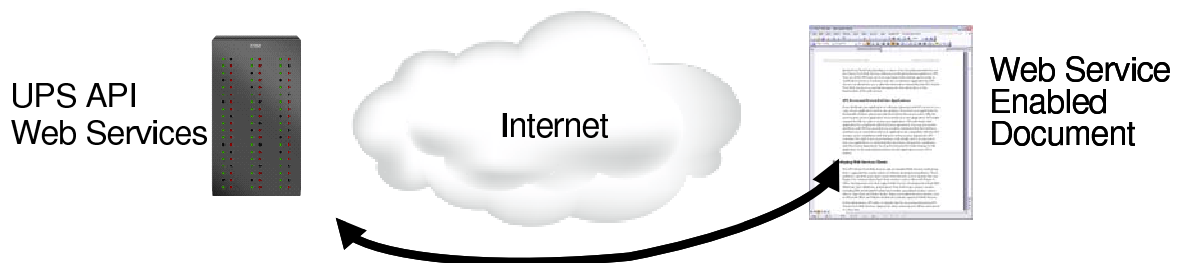
**Figure 1: Dedicated applications that users run on their desktops can access UPS Web Services.**



**Figure 2: Database applications can access UPS Web Services and return information to their clients.**



**Figure 3: Web sites can access UPS Web Services and return information to users' web browsers.**



**Figure 4: Non-traditional applications such as Microsoft Office or Adobe Acrobat documents can use UPS Web Services to automatically update their content.**

The UPS Developer APIs support all of these types of applications and many others. Virtually any software that needs instant, up-to-date access to UPS services can take advantage of UPS Developer API Web Services.

## Licensing the UPS Developer API Web Services

As part of the UPS Technology Agreement, users of the UPS Developer APIs have certain obligations that are spelled out within the service agreement and its exhibits. Regardless of the manner in which the UPS Developer API Web Services are integrated into your specific e-commerce web site or enterprise application, you must adhere to appropriate usage requirements.

### *Branding Requirements*

UPS should receive attribution and branding in all applications (including websites and software applications) that use the Developer API Web Services. No End User, Third Party Developer or Access User should be permitted to use the Developer API Web Services without providing branded recognition to UPS. Your use of the UPS logo can in no way imply endorsement, sponsorship or

certification of your e-commerce web site or enterprise application by UPS. You are not allowed to use or alter the information returned by the UPS Developer API Web Service in a way that misrepresents the information or the functionality of the web service.

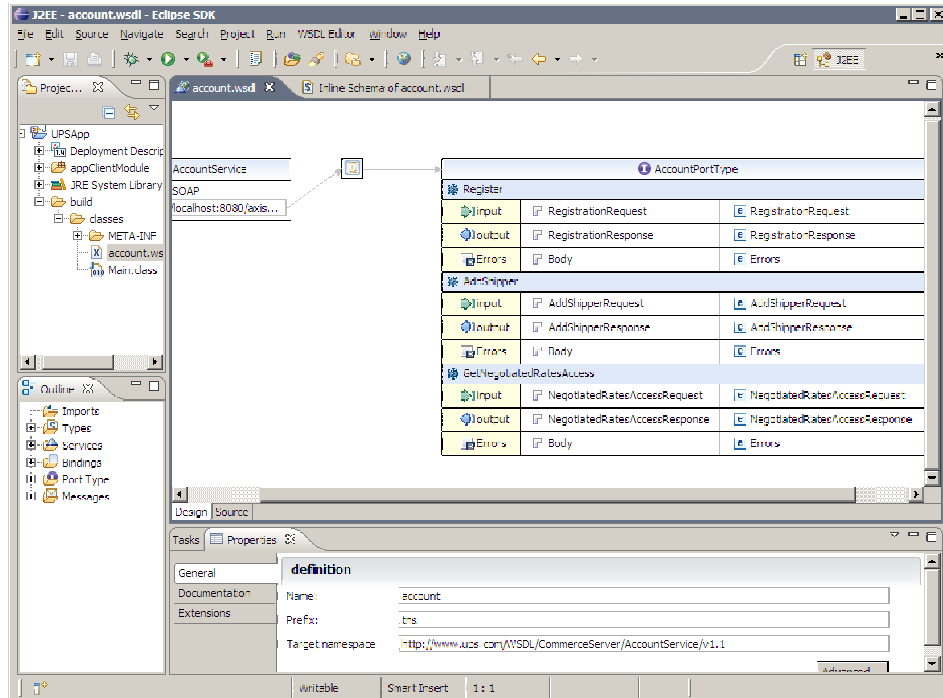
### ***UPS Review of Applications***

If you distribute your application as software, please provide UPS access to, or a copy of, your application (and/or any updates). If you host your application for the benefit of others, please provide the Uniform Resource Locator (URL) for each location of your application. If you build your own application, UPS might request the URL in order to review your application. UPS may review each application for compliance with the UPS Technology Agreement.

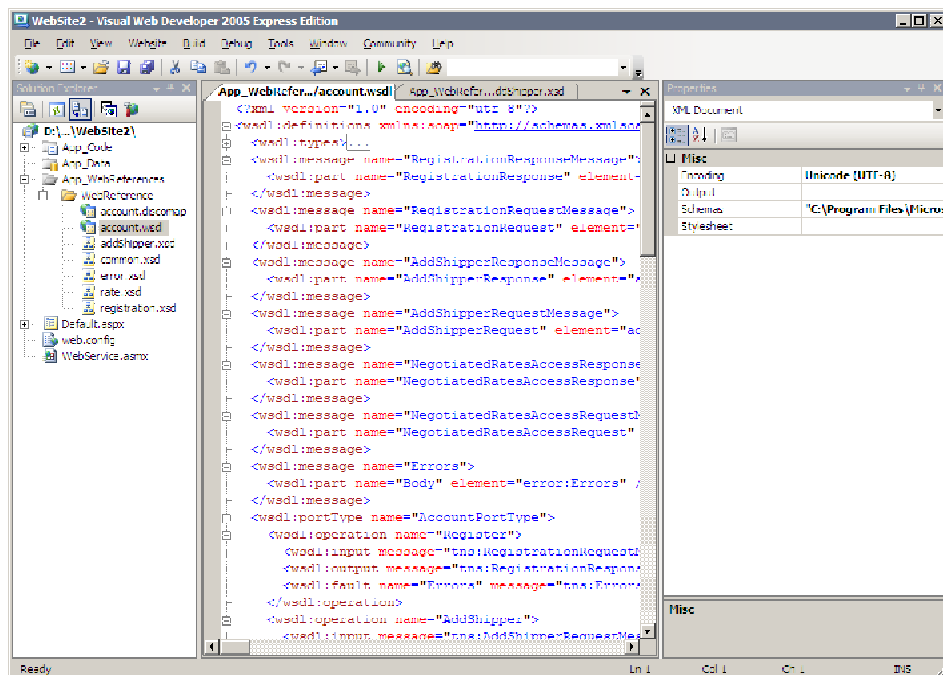
See the Customer Integration Environment chapter for more information on the certification process.

## **Developing Web Services Clients**

The UPS Developer API Web Services rely on standard Web Services technology that is supported by a wide variety of software development platforms. Those platforms vary from pure open source environments such as Apache Axis (see Figure 5) to commercial products from vendors such as Microsoft (Figure 6). Other development tools that support Web Services development include BEA WebLogic, Sun's NetBeans, and products from both major systems vendors including IBM and Hewlett-Packard and smaller, specialized vendors such as Altova, Cape Clear, and Stylus Studio. Many non-traditional environments such as Microsoft Office and Adobe Acrobat also include support for Web Services.



**Figure 5: The Eclipse Web Tools Platform (WTP) project provides support for Web Services in a Java development environment.**



**Figure 6: Microsoft's Web Visual Developer 2009 can create client applications for Web Services.**

With any particular development environment, key parts of the development process will be similar or the same. Web Services development relies on a

technology known as Web Services Definition Language (WSDL). This technology is a formal language based on the Extensible Markup Language (XML). WSDL precisely and completely describes Web Services, and standard Web Services documents themselves by “publishing” one or more WSDL files.

The UPS Developer APIs support three different Web Services, each of which it documents in a separate WSDL file. These WSDL files are included in the UPS Developer Kits, and can be imported directly into a software development environment. Note, though, that the default behavior of some tools is to retrieve WSDLs from a central repository accessible on the Internet, most often the Universal Description, Discovery and Integration (UDDI) at [www.uddi.org](http://www.uddi.org). UPS does not publish its WSDLs through these repositories. As a result, the development tool should be directed to import the WSDL locally rather than through a public directory.

## Getting Technical Support

UPS provides technical support for developers who are using the UPS Developer APIs. To get in touch with a UPS technical support engineer, fill out the technical support request form on the UPS web site.

### *Within the United States*

**There is a phone number for External Customer Technology Support (ECTS): 1-877-289-6420 for customers who have completed testing in the Customer Integration Environment and are ready to process live shipments.**

For developers in the United States, the request form may be found by selecting “Contact UPS” from the [www.myups.com](http://www.myups.com) web site, or from [www.ups.com](http://www.ups.com) from the steps below.

1. Navigate to the UPS website <http://www.ups.com>.
2. Select a language, (ex. United States – English).
3. Log into [www.ups.com](http://www.ups.com) with your User ID and Password.
4. Click the “Support” tab
5. Select “Technology Support” from “Support” tab
6. Click on “Developer Resource Center”, and then click “UPS Developer Kit” on the left-hand navigation window.
7. Click the link for "Customer Support for UPS Developer Kit" under Access and Administration.
8. Complete the e-mail form. Please explain details about errors that are being returned, and under what circumstances.

### *Outside of the United States*

Developers outside the United States can find the technical support request in the UPS Developer APIs page within the Support section of their country's UPS web site.

1. Navigate to the UPS website <http://www.ups.com>.
2. Select a language,
3. Log into [www.ups.com](http://www.ups.com) with your User ID and Password.
4. Click the "Support" tab
5. Select "Technology Support" from "Support" tab
6. Click on "Developer Resource Center", and then click "UPS Developer Kit" on the left-hand navigation window.
7. Click the link for "Customer Support for UPS Developer Kit" under Access and Administration.
8. Complete the e-mail form. Please explain details about errors that are being returned, and under what circumstances.

For more information or assistance with UPS technical support, please contact your UPS Developer APIs representative.

### **Keeping Up-to-Date**

As UPS adds new services and features, UPS Developer API Web Services will evolve, offering more features and service benefits. Once you register to use UPS Developer API Web Services, UPS will notify you by e-mail of updates and changes to the Developer API Web Services. It is essential that an accurate e-mail address for your company be maintained. In addition, UPS recommends that you complete the secondary contact information to ensure that your organization receives the latest updates.

You should update your profile when changes occur or responsibilities for the Developer API Web Services shift within your company. You can also return to the UPS Business Solutions area of [ups.com](http://ups.com) for the latest updated information about UPS Developer API Web Services.

## UPS Developer API Technologies for Web Services

Web Services are powerful technologies that let business applications in different enterprises communicate directly with each other. For example, a software application program that processes orders for a mail order retailer can use Web Services to communicate with software applications at UPS that automatically schedule the shipment for new orders.

Web Services are governed by standards bodies which include, but are not limited to, W3C and OASIS. They are not limited to particular vendors and are available to any software application. Applications created for one environment (such as Microsoft Windows) can seamlessly communicate with applications in a different environment (such as Linux) without worrying about incompatibility of the different environments.

Web Services are supported by a wide variety of software development environments, so virtually all software developers can easily add Web Services features to their applications.

In effect, Web Services create a World Wide Web, but for computer applications instead of people. With Web Services, communications between enterprises happens rapidly, efficiently, and reliably.

Two technologies make up the core of Web Services—the Extensible Markup Language (XML) and the Simple Object Access Protocol (SOAP). A third technology, Web Services Definition Language (WSDL) uses XML and SOAP to define specific Web Services.

This section concludes by describing security and error reporting for Web Services.

### Extensible Markup Language (XML)

The Extensible Markup Language (XML) is a standard governed by the World Wide Web Consortium, the governing body for web standards and guidelines. XML provides a way to identify the structure of content within a document. Figure 1 shows how a simple XML document could describe a book.

As the figure illustrates, XML distinguishes different parts of a document with labels known as tags. Tags in the example include `<book>`, `<title>`, `<author>`, `<firstname>`, etc. In this example the publisher for the book is John Wiley and Sons.

```
<?xml version="1.0" encoding="UTF-8" ?>
<book>
  <title>
    HTTP Essentials: Protocols for Secure, Scaleable Web Sites
  </title>
  <author>
    <firstname>
      Stephen
    </firstname>
    <lastname>
      Thomas
    </lastname>
  </author>
  <publisher>
    John Wiley and Sons
  </publisher>
  <year>
    2001
  </year>
  <isbn>
    0-471-398233
  </isbn>
</book>
```

**Figure 1: XML identifies the structure of documents, as in this document describing a book.**

A great deal of information on XML is available on the Internet. A good starting point is the World Wide Web Consortium's main page on XML at <http://www.w3.org/XML/>.

## Simple Object Access Protocol (SOAP)

While XML defines the information that Web Services exchange, the Simple Object Access Protocol (SOAP) defines the methods that Web Services use to transfer those documents. The SOAP standard defines several different approaches for sending XML documents, but most Web Services (including those from UPS) rely on a single approach. That method uses the Hypertext Transfer Protocol (HTTP) to send a message from a Web Services client to a server. The server replies in the HTTP response. Figure 2 shows an example of a SOAP header portion of a web services message.

SOAP, like XML, is governed by the World Wide Web Consortium. More information can be found on the Internet at the W3C's XML Protocol Working Group's page, located at <http://www.w3.org/2000/xmlp/Group/>.

This security header block provides a mechanism for attaching security-related information targeted at a specific recipient in the form of a SOAP actor/role. UPSSecurity is a container element which provides the user access verification for the API Web Service.



```

<envr:Envelope xmlns:auth="http://www.ups.com/schema/xpci/1.0/auth"
  xmlns:upss="http://www.ups.com/XMLSchema/XOLTWS/UPSS/v1.0"
  xmlns:envr="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:common="http://www.ups.com/XMLSchema/XOLTWS/Common/v1.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:wsf="http://www.ups.com/schema/wsf">
  <envr:Header>
  <upss:UPSSecurity>
  <upss:UsernameToken>
  <upss:Username></upss:Username>
  <upss>Password></upss>Password>
  </upss:UsernameToken>
  <upss:ServiceAccessToken>
  <upss:AccessLicenseNumber></upss:AccessLicenseNumber>
  </upss:ServiceAccessToken>
  </upss:UPSSecurity>
  </envr:Body>
</envr:Envelope>

```

**Figure 2: A sample of the UPSSecurity header portion of a web services message which structures its content as an XML document.**

## Web Services Definition Language (WSDL)

XML and SOAP are general technologies used widely for many different purposes. The technology that ties them specifically to Web Services is the Web Services Definition Language (WSDL). Enterprises that make Web Services available to other enterprises describe those services using WSDL. In effect, WSDL acts a service contract: it defines exactly what services the enterprise offers and how clients should access those services.

WSDL documents are XML documents which conform to a specific structure. Figure 3 shows a sample WSDL document. The current version of the specification for WSDL (version 1.1) is available as a draft submitted to the World Wide Web Consortium. It can be found on their web site at <http://www.w3.org/TR/wsdl>.

Although WSDL documents, like all XML documents, are ultimately textual information, they are not primarily intended for humans to read. Instead, WSDL documents are designed to be read by software applications and application development tools. An application tool such as Microsoft's Visual Studio can import a WSDL document and automatically generate software classes that access the Web Services the WSDL defines. Developers then add these classes to their applications, giving the programs the ability to use Web Services.

Some WSDL documents are published in special directories such as the Universal Description, Discovery, and Integration (UDDI) registry on the Internet. UPS does not currently publish WSDL documents for

UPS Developer APIs in such directories. Instead, UPS delivers the WSDL documents as part of the software development kit.

```

<?xml version="1.0" encoding="UTF-8" ?>
<wSDL:definitions name="Track" xmlns="http://schemas.xmlsoap.org/wsdl/"
  xmlns:wSDL="http://schemas.xmlsoap.org/wsdl/"
  xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
  xmlns:error="http://www.ups.com/schema/xpci/1.0/error"
  xmlns:common="http://www.ups.com/XMLSchema/XOLTWS/Common/v1.0"
  xmlns:trk="http://www.ups.com/XMLSchema/XOLTWS/Track/v1.0"
  xmlns:tns="http://www.ups.com/XMLSchema/XOLTWS/Track/v1.0/local"
  targetNamespace="http://www.ups.com/XMLSchema/XOLTWS/Track/v1.0/local">
  <xsd:import namespace="http://www.ups.com/XMLSchema/XOLTWS/Common/v1.0"
    schemaLocation="common.xsd" />
  <xsd:import namespace="http://www.ups.com/XMLSchema/XOLTWS/Error/v1.0"
    schemaLocation="error2.xsd" />
  <xsd:import namespace="http://www.ups.com/XMLSchema/XOLTWS/Track/v1.0"
    schemaLocation="track.xsd" />
  <wSDL:types />
  <wSDL:message name="TrackInput">
    <wSDL:part name="Body" element="trk:TrackRequestDeliveryInterceptRequest" />
  </wSDL:message>
  <wSDL:message name="TrackOutput">
    <wSDL:part name="Body" element="trk:TrackResponseDeliveryInterceptResponse" />
  </wSDL:message>
  <wSDL:message name="TrackError">
    <wSDL:part name="TrackError" element="error:Errors" />
  </wSDL:message>
  <wSDL:portType name="TrackPortType">
    <wSDL:operation name="Track">
      <wSDL:input name="TrackRequestDeliveryInterceptRequest" message="tns:TrackInput" />
      <wSDL:output name="TrackResponseDeliveryInterceptResponse"
        message="tns:TrackOutput" />
      <wSDL:fault name="TrackError" message="tns:TrackError" />
    </wSDL:operation>
  </wSDL:portType>
  <wSDL:binding name="TrackBinding" type="tns:TrackPortType">
    <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wSDL:operation name="Track">
      <wSDL:fault name="TrackError">
        <soap:fault name="TrackError" use="literal" />
      </wSDL:fault>
    </wSDL:operation>
  </wSDL:binding>
  <wSDL:service name="Track">
    <wSDL:port name="TrackPortTypePort" binding="tns:TrackBinding">
      <soap:address location="https://www.developerkits.ups.com/webservices/Track" />
    </wSDL:port>
  </wSDL:service>
</wSDL:definitions>

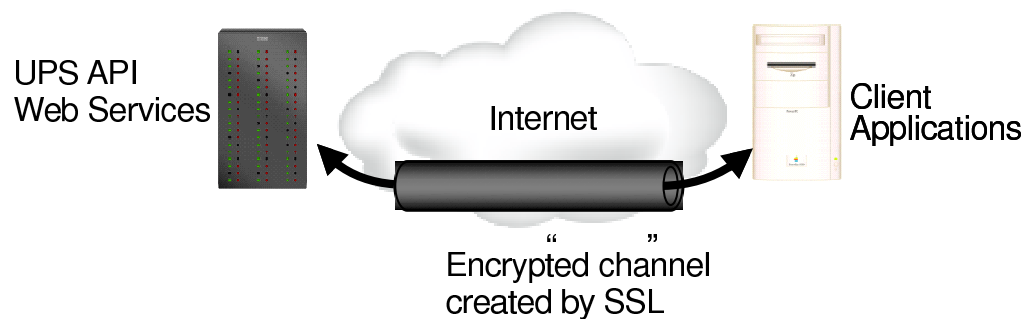
```

**Figure 3: WSDL documents are specialized XML documents that define Web Services. Example ONLY.**

## Securing Web Services

Organizations can offer Web Services using the public Internet, so Web Services standards provide many options for securing those services. Security options can ensure that only authorized parties are able to access Web Services, and they can protect confidential information that may be exchanged as part of Web Services communications. Because the breadth and depth of security options for Web Services are extensive, this subsection only describes security features relevant to UPS Developer APIs.

The most basic security services protect confidential information from eavesdropping by other devices on a network. To provide that protection, the UPS Developer APIs rely on the Secure Sockets Layer 3 (SSL3) protocol. When two systems communicate using SSL, the protocol creates a secure channel between them, and it encrypts all information that they exchange using this channel. The SSL protocol that UPS Developer APIs use is the same protocol used to secure millions of on-line purchases on the Web.



**Figure 4: SSL creates a secure channel across a network and protects confidential communications using that channel.**

In addition to protecting confidential information, the UPS Developer APIs also ensure that client applications are authorized to access UPS customer information. To gain that authorization, client applications must supply a username, password, and license key in all requests, as the example in Figure 5 shows. UPS corporate applications verify this information before returning sensitive information for the client applications.

```

<?xml version="1.0" encoding="UTF-8" ?>
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:wsse="http://schemas.xmlsoap.org/ws/2002/04/secext"
  xmlns:upsa="http://www.ups.com/XMLSchema/XOLTWS/upssa/v1.0"
  xmlns:common="http://www.ups.com/XMLSchema/XOLTWS/Common/v1.0"
  xmlns:upss="http://www.ups.com/XMLSchema/XOLTWS/UPSS/v1.0"
  xmlns:wsf="http://www.ups.com/schema/wsf">
  <env:Header>
    <upss:UPSSecurity>
      <upss:UsernameToken>
        <upss:Username>/upss:Username>
        <upss>Password>/upss>Password>
      </upss:UsernameToken>
      <upss:ServiceAccessToken>
        <upss:AccessLicenseNumber>/upss:AccessLicenseNumber>
      </upss:ServiceAccessToken>
    </upss:UPSSecurity>
  </env:Header>
  <env:Body>
    <!-- the content of the message goes here -->
  </env:Body>
</env:Envelope>

```

**Figure 5: UPS Web Service requests must include a Username, Password, and AccessLicense.**

Included in the WSDL files that document the specific Web Services are the appropriate messages that client applications can use to pass the security credentials as SOAP header elements. Development tools can import the WSDL document and automatically format the request messages appropriately.

## Indicating Errors in Client Application Requests

When an error occurs in a client application's request, UPS Developer APIs report that error using the standard SOAP message format. That message format defines a specific message type, known as a *fault*, for error reporting. The essential components of a fault message are the faultcode, faultstring, faultactor, and detail.

The faultcode element can contain one of four values to indicate the type of error that the UPS Developer APIs encountered.

- **VersionMismatch:** The SOAP message that the client application sent used a version of the SOAP protocol that the UPS Developer APIs could not understand.
- **MustUnderstand:** The SOAP message that the client application sent included an element in the header that the UPS Developer APIs could not understand.

- Client: The request that the client application sent was not valid.
- Server: Although the client application's request did not have any errors itself, the UPS Developer APIs encountered an error when trying to process it.

The faultstring element contains a textual description of the error.

The faultfactor element can indicate which system detected or generated the error. If present, it contains a Uniform Resource Identifier (URI) for that system.

The detail element contains more information about the error. It includes a specific error code and a textual description for that code.

Note: UPS encourages application developers to display the description of any unexpected error or warning to the user. This information can be invaluable when diagnosing problems, and will normally be required by UPS Technical Support.

## Understanding Shipping Web Services

This section provides an overview of the UPS Shipping Web Services. It describes the services available through the Shipping API, and it explains—at an overview level—how the API operates.

### What Shipping Services Can Do

The Shipping API makes UPS Shipping Web Services available to client applications that communicate with UPS using the Internet. With the Shipping API, applications can prepare or schedule shipments, manage returns, or cancel previously scheduled shipments.

#### *Shipments*

Shipping Web Services give your applications many ways to manage the shipment of small packages to their destination. UPS offers a range of delivery time frames from same day to standard ground transportation. Shipments may be within the United States or international, and they may range from letter documents to large packages. (Note: for freight services, please refer to section on UPS Freight Web Services.)

UPS also supports many valued added services for shipments, including collect on delivery (COD), declared value, delivery confirmation, and automatic notification of delivery status.

For full details on all UPS shipping services, please consult the latest *UPS Rate and Service Guide* available at <http://www.ups.com>. Note that these shipments are sometimes called *forward shipments* or *outbound shipments* to distinguish them from returns.

#### *Cancellations (Voids)*

If you need to cancel, or *void*, a previously scheduled shipment, the UPS Shipping Services let client applications automate that task.

#### *Returns*

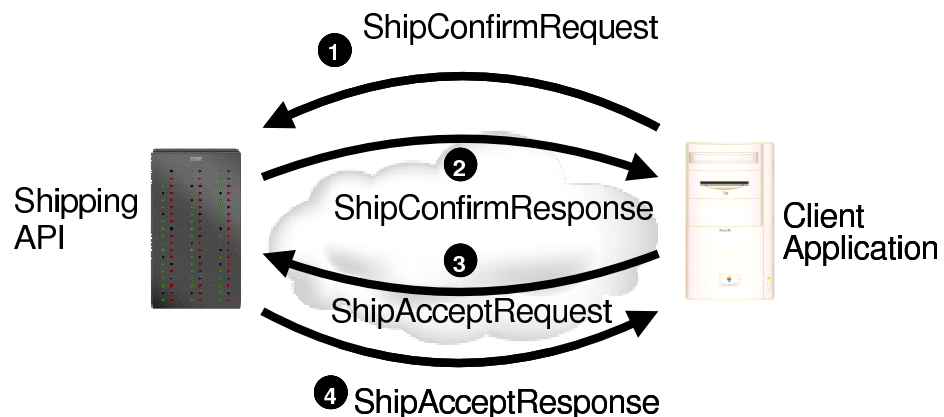
The Shipping API also supports UPS returns services. Either as part of a forward shipment or in a separate process, clients can request a return label for their customers. (Note: UPS can provide a label for a return shipment even if it did not provide a label for the forward shipment.) With return services, you can post a return label on your website, include a label in an outbound shipment, ask UPS to email or mail the return label to your customer, or request a UPS driver to pick up the package at the your customer's location. As with forward shipments, details on return shipment services can be found in the latest *UPS Rate and Service Guide* at <http://www.ups.com>.

## How Shipping Services Work

Because forward and return shipments share many of the same characteristics (they have an origin, destination, service type, etc.), the Shipping API uses the same procedures and message types for both services. In either case, applications can choose between a two-stage process and a single request. Cancelling (also known as *voiding*) a shipment requires its own procedure and message types.

### *Two-Stage Shipments and Returns*

For forward and return services client applications may use a two-stage procedure to process a shipment. As Figure 1 shows, the procedure begins when a client application sends a ShipConfirmRequest to UPS. This request provides details of the shipment and the desired UPS services. UPS replies to this request with a ShipConfirmResponse, which completes the first stage of the process. ShipConfirmResponses include estimated rates for the shipment. If the rates and services are acceptable to the client, it may move to the second stage by sending a ShipAcceptRequest to UPS. This message authorizes UPS to charge for the shipment and process the shipment data. UPS acknowledges the request by returning a ShipAcceptResponse. For forward shipments and for preprinted return labels, this response includes a label for the shipment.



**Figure 1. Forward and return shipments may use four separate messages to complete the shipment processing.**

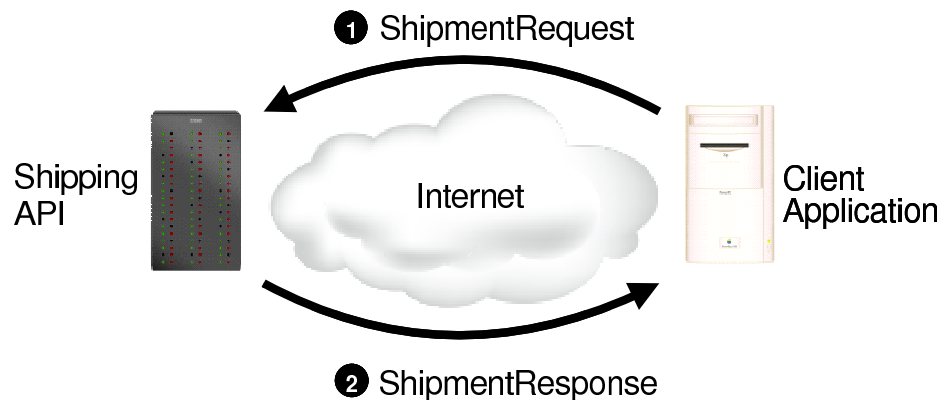
Clients that want to include preprinted labels as part of forward shipments must perform this four-step procedure twice. One time processes the forward shipment, and the second time retrieves the return label.

### *Single-Stage Shipments and Returns*

In addition to the two-stage process the previous subsection describes, client applications may process a forward or return shipment with a single request and response. With this process, clients will not have the opportunity to review estimated rates before accepting the shipment. As Figure 2 illustrates, clients



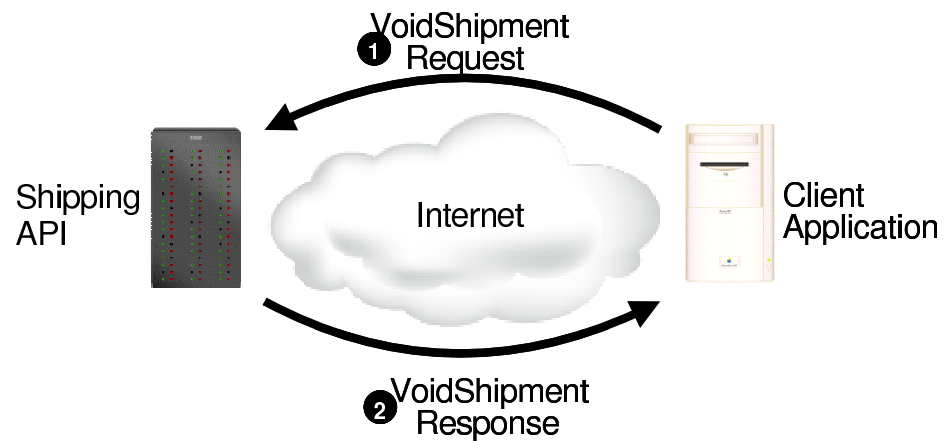
invoke this process with a `ShipmentRequest` message, to which UPS replies with a `ShipmentResponse`.



**Figure 2.** Clients may also process a shipment with a single request and response.

### *Cancellations (Voids)*

To cancel, or *void*, a previously scheduled shipment, client applications send a `VoidShipmentRequest` to UPS. As Figure 3 illustrates, UPS replies to this request with a `VoidShipmentResponse`.



**Figure 3.** `VoidShipmentRequest` messages let client applications cancel a previously scheduled shipment.

Applications may void forward shipments up to 28 days after initially processing them. Return shipments must be voided within 24 hours.

## The Shipping Web Services Reference

This section documents the details of the Shipping Web Services messages, including the requests that clients send to UPS and the responses that UPS returns.

### Shipping Web Service

#### *Overview*

**Service Operations:** Shipment, ShipConfirm, ShipAccept

#### *Shipment Operation*

**Type:** Request-Response (client sends a request to UPS, and the UPS server replies with a response)

**SOAPAction Header:** <http://wwwcie.ups.com/webservices/Ship>

**Note:** The Shipment Operation is a *single pass* way to create a shipment and generate all the accompanying documents and labels. With a single transaction which sends a ShipmentRequest and receives the ShipmentResponse, the shipment is complete.

## Ship Web Service Schema

Web Services can be used to make a Shipment with UPS. Web Services requires only one XML document to process the Ship Request and Ship Response.

The following table describes all the elements in the ShipWebService message.

Note: The “Required” Column has four potential values:

Yes: *Always* required

No: *Always* optional

Yes\*: *Conditionally* required. The existence of this element is dependent on the existence of a higher level container. When the Container is present, this element **MUST** also be present.

Cond: Conditional. There are specific business rules for when this element should be present.

Each element is described with a Name, XPath, Required, Maximum Number of Elements Allowed, Type, Length, and Description.

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ShipmentRequest	/ShipmentRequest	Yes	One	Container	N/A									
Request	/ShipmentRequest/Request	Yes	One	container	N/A	Request Container	N/A							
RequestOption	/ShipmentRequest/Request/RequestOption	Yes	One	string	1...15	Optional Processing. nonvalidate = No address validation. validate = Fail on failed address validation. Defaults to validate. Note: Full address validation is not performed. Therefore, it is the responsibility of the Shipping Tool User to ensure the address entered is correct to avoid an address correction fee.	Values blank, validate, or nonvalidate.							
TransactionReference	/ShipmentRequest/Request/TransactionReference	No	One	Container	N/A	TransactionReference identifies transactions between client and server.	N/A							
CustomerContext	/ShipmentRequest/Request/TransactionReference/CustomerContext	No	One	string	1...512	The client uses CustomerContext to synchronize request/response pairs. The client establishes CustomerContext, which can contain any information you want, as long as it is valid XML; it is echoed back by the server.	N/A							
Shipment	/ShipmentRequest/Shipment	Yes	One	container	N/A	Shipment Container	Refer to the Shipment container table for the elements under Shipment container.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
Description	/ShipmentRequest/Shipment/Description	Cond	One	String	1...35	The Description of Goods for the shipment. Applies to international shipments only. Provide a detailed description of items being shipped for documents and non-documents. Provide specific descriptions, such as annual reports and 9 mm steel screws.	Required if all of the listed conditions are true: ShipFrom and ShipTo countries are not the same; The packaging type is not UPS Letter; The ShipFrom and or ShipTo countries are not in the European Union or the ShipFrom and ShipTo countries are both in the European Union and the shipments service type is not UPS Standard.							
ReturnService	/ShipmentRequest/Shipment/ReturnService	No	One	Container	N/A	Type of Return service. When this container exists, the shipment is a return shipment.	N/A		X					
Code	/ShipmentRequest/Shipment/ReturnService/Code	Yes*	One	string	1	Return Service types: 2 = UPS Print and Mail (PNM) 3 = UPS Return Service 1-Attempt (RS1) 5 = UPS Return Service 3-Attempt (RS3) 8 = UPS Electronic Return Label (ERL) 9 = UPS Print Return Label (PRL)	N/A		X					
Description	/ShipmentRequest/Shipment/ReturnService/Description	No	One	String	1...35	Return Service description	N/A		X					
DocumentsOnlyIndicator	/ShipmentRequest/Shipment/DocumentsOnlyIndicator	No	One	string	0	Indicates a shipment contains written, typed, or printed communication of no commercial value. If DocumentsOnly is not specified then it implies that the shipment contains non documents or documents of commercial value. Default is a shipment contains non- documents or documents of commercial value.	Empty Tag. Valid only for shipments with different origin and destination countries. The origin country is not US, and the destination country is not CA, PR or MX.							
Shipper	/ShipmentRequest/Shipment/Shipper	Yes	One	Container	N/A	Container tag for Shippers information	N/A							
Name	/ShipmentRequest/Shipment/Shipper/Name	Yes	One	string	1...35	Shippers company name.	N/A							
AttentionName	/ShipmentRequest/Shipment/Shipper/AttentionName	Cond	One	string	1...35	Shippers Attention Name	Required if destination is international. Required if Invoice and Co International forms are requested and the ShipFrom address is not present.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
TaxIdentificationNumber	/ShipmentRequest/Shipment/Shipper/TaxIdentificationNumber	Cond	One	string	1...15	Shippers Tax Identification Number	Conditionally required if SED form (International forms) is requested and ship From is not mentioned.							
Phone	/ShipmentRequest/Shipment/Shipper/Phone	Cond	One	Container	N/A	Container tag for Phone Number	N/A							
Number	/ShipmentRequest/Shipment/Shipper/Phone/Number	Yes*	One	String	1...15	Shippers phone Number.	Valid values are 0 - 9.If Shipper country is US, PR, CA, and VI, the layout is area code, 7 digit PhoneNumber or area code, 7 digit PhoneNumber, 4 digit extension number; for other countries, the layout is CountryCode, area code, 7 digit number. A phone number is required if destination is international.							
Extension	/ShipmentRequest/Shipment/Shipper/Phone/Extension	No	One	String	1...4	Shippers phone extension.	N/A							
ShipperNumber	/ShipmentRequest/Shipment/Shipper/ShipperNumber	Yes	One	string	6	Shipper's six digit account number.	Size must be six alphanumeric characters. Must be associated with the UserId specified in the AccessRequest XML The account must be a valid UPS account number that is active. For US, PR and CA accounts, the account must be either a daily pickup account, an occasional account, or a customer B.I.N account. Drop Shipper accounts are valid for return service shipments only if the account is Trade Direct (TD) enabled. All other accounts must be either a daily pickup account, or an occasional account.							
FaxNumber	/ShipmentRequest/Shipment/Shipper/FaxNumber	No	One	String	1...14	Shippers Fax Number.	N/A							
EMailAddress	/ShipmentRequest/Shipment/Shipper/EMailAddress	No	One	string	1...50	Shippers email address.	N/A							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Address	/ShipmentRequest/Shipment/Shipper/Address	Yes	One	Container	N/A	Address tag Container.	The package should be returned to this address if the package is undeliverable. This address appears on the upper left hand corner of the label. Note: If the ShipFrom container is not present then this address will be used as the ShipFrom address. If this address is used as the ShipFrom the shipment will be rated from this origin address.							
AddressLine	/ShipmentRequest/Shipment/Shipper/Address/AddressLine	Yes	One	string	1...35	The shipper's street address, including name and number (when applicable).	Maximum Occurrence should be three.							
City	/ShipmentRequest/Shipment/Shipper/Address/City	Yes	One	string	1...30	The shippers Ci ty	N/A							
StateProvince Code	/ShipmentRequest/Shipment/Shipper/Address/StateProvinceCode	Cond	One	string	2...5	Shipper's state or province code.	Required if shipper is in the US or CA. If Shipper country is US or CA, then the value must be a valid US State/ Canadian Province code. If the country is Ireland, the StateProvinceCode will contain the county.							
PostalCode	/ShipmentRequest/Shipment/Shipper/Address/PostalCode	Cond	One	string	1...9	Shipper's postal code.	If Shipper country is US or Puerto Rico, 5 or 9 digits are required. . The character - may be used to separate the first five digits and the last four digits. If the Shipper country is CA, then the postal code is required and must be 6 alphanumeric characters whose format is A##A## where A is an uppercase letter and # is a digit. For all other countries the postal code is optional and must be no more than 9 alphanumeric characters long.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV	
CountryCode	/ShipmentRequest/Shipment/Shipper/Address/CountryCode	Yes	One	string	2	Shipper's country code.	Must be a valid UPS Billing country code. For Forward shipments it must also be an allowable UPS origin country. For Return Shipment the country code must meet the following conditions: 1) At least two of the following country codes are the same: ShipTo, ShipFrom, and Shipper.2) None of the following country codes are the same and are a member of the EU: ShipTo, ShipFrom, and Shipper.3) If any of the two following country codes: ShipTo/ ShipFrom/ Shipper are members in EU otherwise check if the shipper has Third Country Contract.								
ShipTo	/ShipmentRequest/Shipment/ShipTo	Yes	One	Container	N/A	Ship To Container	N/A								
Name	/ShipmentRequest/Shipment/ShipTo/Name	Yes	One	string	1...35	Consignees company name.	N/A								
AttentionName	/ShipmentRequest/Shipment/ShipTo/AttentionName	Cond	One	string	1...35	Contact name at the consignee's location.	Required for: UPS Next Day Air Early A.M. service, and when ShipTo country is different than ShipFrom country. Required if Invoice International form is requested								
TaxIdentificationNumber	/ShipmentRequest/Shipment/ShipTo/TaxIdentificationNumber	No	One	String	1...15	Consignees tax identification number.	N/A								
Phone	/ShipmentRequest/Shipment/ShipTo/Phone	Cond	One	Container	N/A	Container for Phone Number	N/A								



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Number	/ShipmentRequest/Shipment/ShipTo/Phone/Number	Yes*	One	String	1...15	Consignees phone Number.	Required for: UPS Next Day Air Early A.M. service, and when Ship To country is different than the ShipFrom country. If ShipTo country is US, PR, CA, and VI, the layout is area code, 7 digit PhoneNumber or area code, 7 digit PhoneNumber, 4 digit extension number; number; for other countries, the layout is CountryCode, area code, 7 digit number.							
Extension	/ShipmentRequest/Shipment/ShipTo/Phone/Extension	No	One	String	1...4	Consignees phone extension.	N/A							
FaxNumber	/ShipmentRequest/Shipment/ShipTo/FaxNumber	No	One	String	1...15	Consignees fax number.	If ShipTo country is US 10 digits allowed, otherwise 1-15 digits allowed.							
EMailAddress	/ShipmentRequest/Shipment/ShipTo/EmailAddress	No	One	string	1...50	Consignees email address.	N/A							
Address	/ShipmentRequest/Shipment/ShipTo/Address	Yes	One	Container	N/A	Address Container.	N/A							
AddressLine	/ShipmentRequest/Shipment/ShipTo/Address/AddressLine	Yes	One	String	1...35	Address Line of the consignee.	Max Occurrence can be 3							
City	/ShipmentRequest/Shipment/ShipTo/Address/City	Yes	One	string	1...30	Consignee's city.	N/A							
StateProvince Code	/ShipmentRequest/Shipment/ShipTo/Address/StateProvinceCode	Cond	One	string	2	Consignee's state or province code. Required for US or Canada.	If destination is US or CA, then the value must be a valid US State/ Canadian Province code. If the country is Ireland, the StateProvinceCode will contain the county.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PostalCode	/ShipmentRequest/Shipment/ShipTo/Address/PostalCode	Cond	One	string	1..9	Consignee's postal code.	If the ShipTo country is US or Puerto Rico, 5 or 9 digits are required. . The character - may be used to separate the first five digits and the last four digits. If the ShipTo country is CA, then the postal code is required and must be 6 alphanumeric characters whose format is A#A#A# where A is an uppercase letter and # is a digit. Otherwise optional. For all other countries the postal code is optional and must be no more than 9 alphanumeric characters long.							
CountryCode	/ShipmentRequest/Shipment/ShipTo/Address/CountryCode	Yes	One	string	2	Consignee's country code.	Must be a valid UPS Billing country code. For Return Shipment the country code must meet the following conditions: 1) At least two of the following country codes are the same: ShipTo, ShipFrom, and Shipper. 2) None of the following country codes are the same and are a member of the EU: ShipTo, ShipFrom, and Shipper. 3) If any of the two following country codes: ShipTo/ ShipFrom/ Shipper are members in EU otherwise check if the shipper has Third Country Contract.							
ResidentialAddressIndicator	/ShipmentRequest/Shipment/ShipTo/Address/ResidentialAddressIndicator	No	One	String	0	This field is a flag to indicate if the receiver is a residential location. True if ResidentialAddressIndicator tag exists; false otherwise	Empty Tag.							
LocationID	/ShipmentRequest/Shipment/ShipTo/LocationID	No	One	String	3..10	Location ID is a unique identifier referring to a specific shipping/receiving location.	Location ID must be alphanumeric characters. All letters must be capitalized.							
ShipFrom	/ShipmentRequest/Shipment/ShipFrom	Cond	One	container	N/A	Ship From Container	Required for return shipment. Required if pickup location is different from the shippers address.							
Name	/ShipmentRequest/Shipment/ShipFrom/Name	Yes*	One	string	1..35	The ship from locations name or company name.	Required if ShipFrom tag is in the XML.							
AttentionName	/ShipmentRequest/Shipment/ShipFrom/AttentionName	Cond	One	string	1..35	The ship from Attention name.	Required if ShipFrom tag is in the XML and Invoice or CO International forms is requested.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
TaxIdentificationNumber	/ShipmentRequest/Shipment/ShipFrom/TaxIdentificationNumber	Cond	One	string	1...15	Company's Tax Identification Number at the pick up location	Conditionally required if SED form (International forms) is requested							
Phone	/ShipmentRequest/Shipment/ShipFrom/Phone	Cond	One	Container	N/A	Container for Phone Number	If ShipFrom country is US, PR, CA, and VI, the layout is area code, 7 digit phone number or area code, 7 digit phone number, 4 digit extension number; for other countries, the layout is CountryCode, area code, 7 digit number. Required if ShipFrom tag is in the XML and International forms is requested							
Number	/ShipmentRequest/Shipment/ShipFrom/Phone/Number	Yes*	One	String	1...15	The Ship from phone Number.	N/A							
Extension	/ShipmentRequest/Shipment/ShipFrom/Phone/Extension	No	One	String	1...4	The Ship from phone extension.	N/A							
FaxNumber	/ShipmentRequest/Shipment/ShipFrom/FaxNumber	No	One	String	1...15	The Ship from fax number.	If Ship from country is US 10 digits allowed, otherwise 1-15 digits allowed.							
Address	/ShipmentRequest/Shipment/ShipFrom/Address	Yes	One	container	N/A	Ship from Address Container.	The package will be originating from or being shipped from this address. The shipment will be rated from this origin address to the destination ship to address.							
AddressLine	/ShipmentRequest/Shipment/ShipFrom/Address/AddressLine	Yes	One	string	1...35	The Ship from street address including name and number (when applicable).	Max Occurrence can be 3							
City	/ShipmentRequest/Shipment/ShipFrom/Address/City	Yes	One	string	1...30	The Ship from city.	Required if ShipFrom tag is in the XML.							
StateProvinceCode	/ShipmentRequest/Shipment/ShipFrom/Address/StateProvinceCode	Cond	One	string	2	Origin locations state or province code.	Required if ShipFrom tag is in the XML, and ShipFrom/Country is US. If ShipFrom country is US or CA, then the value must be a valid US State/Canadian Province code. If the country is Ireland, the StateProvinceCode will contain the county.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV	
PostalCode	/ShipmentRequest/Shipment/ShipFrom/Address/PostalCode	Cond	One	string	1...9	The ship from locations postal code.	Required if ShipFrom tag is in the XML and the ShipFrom country is the US, Puerto Rico. For US, Puerto Rico must be valid 5 or 9 digit postal code. The character - may be used to separate the first five digits and the last four digits. If the ShipFrom country is CA, then the postal code must be 6 alphanumeric characters whose format is A#A#A# where A is an uppercase letter and # is a digit. For all other countries the postal code is optional and must be no more than 9 alphanumeric characters long.								
CountryCode	/ShipmentRequest/Shipment/ShipFrom/Address/CountryCode	Yes	One	string	2	Origin locations country code.	Required if ShipFrom tag is in the XML. For Return Shipment the country code must meet the following conditions: 1) At least two of the following country codes are the same: ShipTo, ShipFrom, and Shipper.2) None of the following country codes are the same and are a member of the EU: ShipTo, ShipFrom, and Shipper.3) If any of the two following country codes: ShipTo/ ShipFrom/ Shipper are members in EU otherwise check if the shipper has Third Country Contract.								
PaymentInformation	/ShipmentRequest/Shipment/PaymentInformation	Cond	One	container	N/A	Payment information container for detailed shipment charges. The two shipment charges that are available for specification are Transportation charges and Duties and Taxes.	It is required for non-Ground Freight Pricing shipments only.								
ShipmentCharge	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge	Yes	One	Container	N/A	Shipment charge container	If Duty and Tax charges are applicable to a shipment and a payer is not specified, the default payer of Duty and Tax charges is Bill to Receiver.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Type	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/Type	Yes	One	string	2	Values are 01 = Transportation, 02 = Duties and Taxes	A shipment charge type of 01 = Transportation is required. A shipment charge type of 02 = Duties and Taxes is not required; however, this charge type is invalid for Qualified Domestic Shipments. A Qualified Domestic Shipment is any shipment in which one of the following applies: 1) The origin and destination country is the same 2) US to PR shipment 3) PR to US shipment 4) The origin and destination country are both European Union Countries and the GoodsNotInFreeCirculation indicator is not present 5) The origin and destination IATA code is the same							
BillShipper	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper	No	One	Container	N/A	Container for the BillShipper billing option. The two payment methods that are available for the Bill Shipper billing option are account number or credit card.	This element or its sibling element, BillReceiver, BillThirdParty or ConsigneeBilledIndicator, must be present but no more than one can be present.							
AccountNumber	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/AccountNumber	Cond	One	string	6	UPS account number	Must be the same UPS account number as the one provided in Shipper/ShipperNumber. Either this element or the sibling element CreditCard must be provided, but both may not be provided.							
CreditCard	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard	Cond	One	Container	N/A	Credit card information container	Required if /ShipmentRequest/Shipment/PaymentInformation /ShipmentCharge/BillShipper/AccountNumber is not present. Credit card payment is valid for shipments without return service only.	X						
Type	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Type	Yes*	One	string	2	Values are 01 = American Express, 03 = Discover, 04 = MasterCard, 05 = Optima, 06 = VISA, 07 = Bravo, and 08 = Diners Club	Valid values are: 01, 03, 04 and 06. For Discover card the ShipFrom country has to be US	X						
Number	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Number	Yes*	One	string	9..16	Credit Card number	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
ExpirationDate	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/ExpirationDate	Yes*	One	string	6	Format is MMYYYY where MM is the 2 digit month and YYYY is the 4 digit year.	Valid month values are 01-12 and valid year values are Present Year - (Present Year + 10 years)	X						
SecurityCode	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/SecurityCode	Yes*	One	string	3...4	Three or four digits that can be found either on top of credit card number or on the back of credit card. Number of digits varies for different type of credit card.	Valid values are 3 or 4 digits. It is required to provide the security code if credit card information is provided and when the ShipFrom countries are other than the below mentioned countries. Argentina Bahamas Costa Rica Dominican Rep Guatemala Panama Puerto Rico Russia	X						
Address	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address	Cond	One	Container	N/A	Container to hold the Credit card Billing Address.	It is required to provide billing address if credit card information is provided and when the ShipFrom country is the US, PR, and CA.	X						
AddressLine	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/AddressLine	Yes*	One	string	1...35	Address Line 1 of the credit card billing address. Usually Street address information.	Max of three AddressLine can be provided.	X						
City	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/City	Yes*	One	string	1...30	City of the credit card billing address	N/A	X						
StateProvinceCode	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/StateProvinceCode	Yes*	One	string	2...5	State or province code of the credit card billing address.	N/A	X						
PostalCode	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/PostalCode	Yes*	One	string	1...9	Credit card billing addressee postal code.	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CountryCode	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/CountryCode	Yes*	One	string	2	Credit card billing address country code.	Must be a valid UPS Billing country code. For Discover card it should be US	X						
BillReceiver	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillReceiver	Cond	One	container	N/A	Container for the BillReceiver billing option.	This element or its sibling element, BillShipper, BillThirdParty or Consignee Billed, must be present but no more than one can be present. For a return shipment, Bill Receiver is invalid for Transportation charges.	X						
AccountNumber	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillReceiver/AccountNumber	Yes*	One	string	6	The UPS account number.	The account must be a valid UPS account number that is active. For US, PR and CA accounts, the account must be a daily pickup account, an occasional account, a customer B.I.N account, or a dropper shipper account. All other accounts must be either a daily pickup account, an occasional account, a drop shipper account, or a non-shipping account	X						
Address	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillReceiver/Address	No	One	container	N/A	Container for additional information for the bill receivers UPS accounts address.	N/A	X						
PostalCode	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillReceiver/Address/PostalCode	Cond	One	string	0...9	The postal code for the UPS accounts pickup address. The pickup postal code was entered in the UPS system when the account was set-up.	The postal code must be the same as the UPS account pickup address postal code. Required for United States and Canadian UPS accounts and/or if the UPS account pickup address has a postal code. If the UPS accounts pickup country is US or Puerto Rico, the postal code is 5 or 9 digits. The character - may be used to separate the first five digits and the last four digits. If the UPS accounts pickup country is CA, the postal code is 6 alphanumeric characters whose format is A#A#A# where A is an uppercase letter and # is a digit.	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
BillThirdParty	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty	Cond	One	container	N/A	Container for the third party billing option.	This element or its sibling element, BillShipper, BillReceiver or Consignee Billed, must be present but no more than one can be present.							
AccountNumber	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty/AccountNumber	Yes*	One	string	6	The UPS account number of the third party shipper.	The account must be a valid UPS account number that is active. For US, PR and CA accounts, the account must be either a daily pickup account, an occasional account, or a customer B.I.N account, or a drop shipper account. All other accounts must be either a daily pickup account, an occasional account, a drop shipper account, or a non-shipping account.							
Address	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty/Address	Yes	One	container	N/A	Container for additional information for the third party UPS accounts address.	N/A							
PostalCode	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty/Address/PostalCode	Cond	One	string	0...9	The postal code for the UPS accounts pickup address. The pickup postal code was entered in the UPS system when the account was set-up.	The postal code must be the same as the UPS account pickup address postal code. Required for United States and Canadian UPS accounts and/or if the UPS account pickup address has a postal code. If the UPS accounts pickup country is US or Puerto Rico, the postal code is 5 or 9 digits. The character - may be used to separate the first five digits and the last four digits. If the UPS accounts pickup country is CA, the postal code is 6 alphanumeric characters whose format is A#A#A# where A is an uppercase letter and # is a digit.							
CountryCode	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty/Address/CountryCode	Yes	One	string	2	The country code for the UPS accounts pickup address.	N/A							



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ConsigneeBilledIndicator	/ShipmentRequest/Shipment/PaymentInformation/ShipmentCharge/ConsigneeBilledIndicator	Cond	One	string	0	Consignee Billing payment option indicator. The presence indicates consignee billing option is selected. The absence indicates one of the other payment options is selected.	Empty Tag. This element or its sibling element, BillShipper, BillReceiver or BillThirdParty, must be present but no more than one can be present. This billing option is valid for a shipment charge type of Transportation only. Only applies to US/PR and PR/US shipment origins and destination.							
SplitDutyVATIndicator	/ShipmentRequest/Shipment/PaymentInformation/SplitDutyVATIndicator	No	One	String	0	Split Duty VAT Indicator. The presence indicates the payer specified for Transportation Charges will pay transportation charges and any duties that apply to the shipment. The payer specified for Duties and Taxes will pay the VAT (Value-Added Tax) only.	Empty Tag. The payment method for Transportation charges must be UPS account. The UPS account must be a daily pickup account or an occasional account.							
FRSPaymentInformation	/ShipmentRequest/Shipment/FRSPaymentInformation	Cond	One	Container	N/A	Container to hold the Payment information for the Ground Freight Pricing Shipments	Required for Ground Freight Pricing Shipments only	X						
Type	/ShipmentRequest/Shipment/FRSPaymentInformation/Type	Yes	One	String	N/A	Container to hold the Ground Freight Pricing payment type information	It is required if the request has Ground Freight Pricing shipment indicator	X						
Code	/ShipmentRequest/Shipment/FRSPaymentInformation/Type/Code	Yes	One	String	2	Valid codes: 01=Prepaid02=FreightCollect03=PrepaidThirdParty		X						
Description	/ShipmentRequest/Shipment/FRSPaymentInformation/Type/Description	No	One	String	50	Specifies the description for Ground Freight Pricing payment type		X						
AccountNumber	/ShipmentRequest/Shipment/FRSPaymentInformation/AccountNumber	Yes	One	String	6	The UPS account number.	If the Ground Freight Pricing indicator is present in the request, This account number must be validated to check if it is Ground Freight Pricing enabled.	X						
Address	/ShipmentRequest/Shipment/FRSPaymentInformation/Addresses	Cond	One	Container	N/A	Container to hold the information for the FreightCollect and PrepaidThirdParty Address.	Note: The Address is required only when the billing option is Freight collect or ThirdParty.	X						
PostalCode	/ShipmentRequest/Shipment/FRSPaymentInformation/Addresses/PostalCode	Cond	One	String	0...9	The postal code for the Ground Freight Pricing payment information address.		X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CountryCode	/ShipmentRequest/Shipment/FRSPaymentInformation/Addresses/CountryCode	Yes	One	String	2	The country code for the Ground Freight Pricing payment information address.		X						
GoodsNotInFreeCirculationIndicator	/ShipmentRequest/Shipment/GoodsNotInFreeCirculationIndicator	No	One	string	0	Goods Not In Free Circulation indicator.	Empty Tag. This indicator is invalid for a package type of UPS Letter and DocumentsOnly.							
ShipmentRatingOptions	/ShipmentRequest/Shipment/ShipmentRatingOptions	No	One	container	N/A	ShipmentRatingOptions container	N/A							
NegotiatedRatesIndicator	/ShipmentRequest/Shipment/ShipmentRatingOptions/NegotiatedRatesIndicator	No	One	String	0	Negotiated Rates option indicator. If the indicator is present and the Shipper is authorized then Negotiated Rates should be returned in the response.	The Shipper account and UserId combination must be qualified to receive Negotiated rates. If the indicator is present and the Shipper is qualified then Negotiated rates will be returned in the response. Only the Shipper account number taken from /ShipmentRequest/Shipment/Shipper/ShipperNumber is used when checking qualification for Negotiated rates.							
FRSShipmentIndicator	/ShipmentRequest/Shipment/ShipmentRatingOptions/FRSShipmentIndicator	No	One	String	0	Ground Freight Pricing Rates option indicator. If the Ground Freight Pricing Shipment indicator is enabled and Shipper number is authorized then Ground Freight Pricing rates should be returned in the response	The Shipper account number must be qualified to receive Ground Freight Pricing Shipment rates. Only the Shipper account number taken from /ShipmentRequest/Shipment/FRSPaymentInformation/AccountNumber is used when checking qualification for Ground Freight Pricing rates.	X						
MovementReferenceNumber	/ShipmentRequest/Shipment/MovementReferenceNumber	No	One	String	18	Movement Reference Number (MRN) information container	Must contain alphanumeric characters only. Must be a length of 18 characters. The 3rd and 4th Characters must be the Shipper country ISO Code.							
ReferenceNumber	/ShipmentRequest/Shipment/ReferenceNumber	No	2	container	N/A	Reference Number information container.	N/A							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
BarCodeIndicator	/ShipmentRequest/Shipment/ReferenceNumber/BarCodeIndicator	No	One	string	0	If the indicator is present then the reference numbers value will be bar coded on the label.	Empty Tag. Allowed for shipment with return service only. Only one shipment-level or package-level reference number can be bar coded per shipment. In order to barcode a reference number, its value must be no longer than 14 alphanumeric characters or 24 numeric characters and cannot contain spaces.		X					
Code	/ShipmentRequest/Shipment/ReferenceNumber/Code	No	One	string	2	Shipment Reference number type code. The code specifies the Reference name.	Valid if the origin/destination pair is not US/US or PR/PR2 character alpha-numeric.							
Value	/ShipmentRequest/Shipment/ReferenceNumber/Value	Yes*	One	string	1...35	Customer supplied reference number.	Valid if the origin/destination pair is not US/US or PR/PR							
Service	/ShipmentRequest/Shipment/Service	Yes	One	container	N/A	UPS service type	N/A							
Code	/ShipmentRequest/Shipment/Service/Code	Yes	One	String	2	Values are: 01 = Next Day Air, 02 = 2nd Day Air, 03 = Ground, 07 = Express, 08 = Expedited, 11 = UPS Standard, 12 = 3 Day Select, 13 = Next Day Air Saver, 14 = Next Day Air Early AM, 54 = Express Plus, 59 = 2nd Day Air A.M., 65 = UPS Saver.82 = UPS Today Standard83 = UPS Today Dedicated Courier84 = UPS Today Intercity85 = UPS Today Express86 = UPS Today Express Saver. Note: Only service code 03 is used for Ground Freight Pricing shipments	The following Services are not available to return shipment: 13 - Next Day Air Saver 14 - Next Day Air Early AM, 59 - 2nd Day Air A.M.82 = UPS Today Standard83 = UPS Today Dedicated Courier84 = UPS Today Intercity85 = UPS Today Express86 = UPS Today Express Saver.							
Description	/ShipmentRequest/Shipment/Service/Description	No	One	string	1...35	Description of the service code. Examples are Next Day Air, Worldwide Express, and Ground.	N/A							
InvoiceLineTotal	/ShipmentRequest/Shipment/InvoiceLineTotal	Cond	One	Container	N/A	Container to hold InvoiceLineTotal Information.	Required for forward shipments whose origin is the US and destination is Puerto Rico or Canada. Not available for any other shipments. FOR OTHER DESTINATIONS the InvoiceLineTotal in the International Forms Container must be used.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CurrencyCode	/ShipmentRequest/Shipment/InvoiceLineTotal/CurrencyCode	Yes*	One	string	3	Invoice Line Total currency type.								
MonetaryValue	/ShipmentRequest/Shipment/InvoiceLineTotal/MonetaryValue	Yes*	One	string	1...19	Invoice Line Total amount for the entire shipment.	Valid values are from 1 to 99999999							
ShipmentServiceOptions	/ShipmentRequest/Shipment/ServiceOptions	No	One	Container	N/A	Container for Shipment Service Option	N/A							
SaturdayDeliveryIndicator	/ShipmentRequest/Shipment/ServiceOptions/SaturdayDeliveryIndicator	No	One	String	0	Saturday delivery indicator. The presence indicates Saturday delivery; the absence indicates not Saturday delivery.	Empty Tag.							
COD	/ShipmentRequest/Shipment/ServiceOptions/COD	No	One	Container	N/A	COD container	Indicates COD is requested. Shipment COD is only available for EU origin countries and for shippers account type Daily Pickup and Drop Shipping. Not available to shipment with return service.	X						
CODFundsCode	/ShipmentRequest/Shipment/ServiceOptions/COD/CODFundsCode	Yes*	One	String	1	Values are: 1 = cash 9 = check, cashiers check or money order - no cash allowed.	N/A	X						
CODAmount	/ShipmentRequest/Shipment/ServiceOptions/COD/CODAmount	Yes*	One	Container	N/A	COD Amount Container.	N/A	X						
CurrencyCode	/ShipmentRequest/Shipment/ServiceOptions/COD/CODAmount/CurrencyCode	Yes*	One	string	3	COD amount currency code type.	N/A	X						
MonetaryValue	/ShipmentRequest/Shipment/ServiceOptions/COD/CODAmount/MonetaryValue	Yes*	One	string	1...8	COD Amount monetary value.		X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Notification	/ShipmentRequest/Shipment/ServiceOptions/Notification	No	One	Container	N/A	Container for the Quantum View TM notification (QVN) (valid for shipment without return service) or Return Notification (valid for shipment with UPS 1-Attempt and UPS 3-Attempt Return Services).	N/A							
NotificationCode	/ShipmentRequest/Shipment/ServiceOptions/Notification/NotificationCode	Yes*	One	String	1	The type of notification requested. Valid Value:6 - QVN Ship Notification7 - QVN Exception Notification8 - QVN Delivery Notification2- Return Notification. Note: QVN Exception notification and return notification are not applicable to Ground Freight Pricing	Quantum View TM Notification (QVN) is only allowed for shipment without return service; Return Notification is only for allowed return service 1-Attempt and 3-Attempt							
EMail	/ShipmentRequest/Shipment/ServiceOptions/Notification/EMail	Yes*	One	Container	N/A	Container for Email Information	N/A							
EMailAddress	/ShipmentRequest/Shipment/ServiceOptions/Notification/EMail/EMailAddress	Yes to Five	One	String	1...50	Email address where the notification is sent	Up to five email addresses are allowed for each type of Quantum View TM shipment notification. Up to two email address for return notification.							
UndeliverableEMailAddress	/ShipmentRequest/Shipment/ServiceOptions/Notification/EMail/UndeliverableEMailAddress	No	One	String	1...50	The address where an undeliverable eMail message is sent if the eMail with the notification is undeliverable.	There can be only one UndeliverableEMailAddress for each type of Quantum View Shipment Notifications.							
FromEMailAddress	/ShipmentRequest/Shipment/ServiceOptions/Notification/EMail/FromEMailAddress	Cond	One	String	1...50	The e-mail address specifies the Reply To E-mail address. The From field of the message header contains pkginfo@ups.com.	Return Notification only.							
FromName	/ShipmentRequest/Shipment/ServiceOptions/Notification/EMail/FromName	No	One	string	1...35	The name the email will appear to be from. Defaults to the Shipper Name.	The FromName must occur only once for each type of Quantum View Shipment Notifications.							
Memo	/ShipmentRequest/Shipment/ServiceOptions/Notification/EMail/Memo	No	One	string	1...150	User defined text that will be included in the eMail.	The Memo must occur only once for each type of Quantum View Shipment Notifications.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Subject	/ShipmentRequest/Shipment/ServiceOptions/Notification/Email/Subject	No	One	string	1...75	The eMail's subject. Defaults to text provided by UPS	Return Notification only.		X					
SubjectCode	/ShipmentRequest/Shipment/ServiceOptions/Notification/Email/SubjectCode	No	One	string	2	Specifies a reference code and reference number to display in the subject of the Notification. The valid subject codes are:01 - Shipment Reference Number 102 - Shipment Reference Number 203 - package Reference Number 104 - package Reference Number 208 - Subject Text (Return Notification only)If a subject code is not provided or provided that refers to a nonexistent reference number, the subject will default to shipment Identification Number	For return notification: If the subject code tag is not provided and the subject text is provided, the subject of the notification will be the subject text. If the subject text is provided and the subject code tag exists, then the subject code value must be 08. If Subject code is 08, subject text must exist.							
LabelDelivery	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery	No	One	Container	N/A	Container for the Label Delivery accessorial. Note: Currently Label delivery accessorial is not applicable to Ground Freight Pricing	Valid for shipments with a Electronic Return Label Return Service.		X					
Email	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery/Email	No	One	container	N/A	Container for the email message.	N/A		X					
EmailAddress	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery/Email/EmailAddress	Yes*	One	string	1...50	The destination eMail address for the Label Delivery.	N/A		X					
UndeliverableEmailAddress	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery/Email/UndeliverableEmailAddress	No	One	string	1...50	The address where an undeliverable email message is sent if the Label Delivery email is undeliverable.	Defaults to FromEmailAddress.		X					
FromEmailAddress	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery/Email/FromEmailAddress	Yes*	One	string	1...50	The e-mail address specifies the Reply To E-mail address. The From field of the message header contains pkginfo@ups.com.	N/A		X					

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
FromName	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery/Email/FromName	No	One	String	1...35	The name notification will appear to be from. Defaults to the Shipper Name	N/A		X					
Memo	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery/Email/Memo	No	One	string	1...150	User defined text that will be included in the email.	N/A		X					
Subject	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery/Email/Subject	No	One	string	1...75	The eMail's subject. Defaults to the Label Delivery Notification plus the shipment ID. Defaults to text provided by UPS	N/A		X					
SubjectCode	/ShipmentRequest/Shipment/ServiceOptions/LabelDelivery/Email/SubjectCode	No	One	string	2	1. Specifies a reference code and reference number to display in the subject of the Label Delivery notification. When the subject code is provided, the subject will contain the following: UPS Label Delivery. The reference code (the reference code will be mapped to the corresponding ANSI value) Plus the reference number.	If the subject code tag is not provided and the subject text is provided, the subject of the notification will be the subject text. If the subject text is provided, and the subject code tag exists, then the subject code value must be 08; If Subject code is 08, subject text must exist. If a subject code is provided that refers to a nonexistent reference number, the subject will default to the shipment identification number.		X					
InternationalForms	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms	No	One	Container	N/A	International Forms information	REFER TO InternationalForms Interface Spec for the expansion of this node.							
FormType	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/FormType	*Yes to Four	One	string	2	Indicates the name of the International form requested.	Possible Values are 01 - Invoice 02 - SED03 - CO04 - NAFTA CO05 - Partial Invoice. For shipment with return service, 01 or 05 are the only valid values. Note: 01 and 05 are mutually exclusive and 05 is only valid for return shipments only.			Req	Req	Req	Req	Req

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
AdditionalDocumentIndicator	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/AdditionalDocumentIndicator	No	One	string	0	Presence of the indicator means user will supply additional document, such as SED, NAFTA_CO or CO.	This indicator should be set when the shipper intends to utilize UPS paperless invoice functionality AND the shipper has SELF-PREPARED other International Forms (SED, CO, NAFTA CO) to accompany the shipment. It is evaluated only when: 1. Account is paperless enabled. 2. Movement requires an invoice.3. Destination country accepts paperless invoice. 4. Invoice data is supplied by the client and the data passes validation.			Opt	Opt	Opt	Opt	0
FormGroupIDName	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/FormGroupIDName	No	One	string	50	Contains description text which identifies the group of International forms. This element does not appear on the forms.				N/A	N/A	N/A	N/A	N/A
SEDFilingOption	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/SEDFilingOption	Cond	One	string	2	Indicates the SED filing option. If UPS files SED on shippers behalf, there is additional \$10 charge to the shipper	Applicable for SED form and is required. Valid values is: 01 - Shipper filing SED02 - UPS filing SED on Shippers behalf - Do not include in Developers Guide.			N/A	N/A	N/A	Req	N/A
Contacts	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Contacts	Cond	One	Container		Holds the contact information of various parties.	Applicable for SED form and NAFTA CO only. Required for NAFTA CO and SED. Ultimate consignee contact information is required for SED. Producer contact information is required for NAFTA CO			N/A	N/A	N/A	Opt	N/A
ForwardAgent	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Contacts/ForwardAgent	No	One	Container		The forwarding agent is the company or person acting as agent in the trans-shipping of freight to the destination country.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
CompanyName	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Contacts/ForwardAgent/CompanyName	*Yes	One	string	1...35	Company Name or the Individual name of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	N/A



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
TaxIdentificationNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/TaxIdentificationNumber	*Yes	One	string	1...15	Tax ID of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5b	N/A
Address	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address	*Yes	One	Container		Address information of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	
AddressLine	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/AddressLine	*Yes	One	string	1...35	Address line of the Forwarding agent.	Max Occurrence must be 3			N/A	N/A	N/A	Cond Req Sec 5a	N/A
City	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/City	*Yes	One	string	1...30	City of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
StateProvinceCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/StateProvinceCode	Cond	One	string	1...5	State of the Forwarding agent.	Applicable for SED form only. Required for certain countries.			N/A	N/A	N/A	Cond Req Sec 5a	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
Town	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /ForwardAgent/Address/Town		One	String						N/A	N/A	N/A	Cond Req Sec 5a	N/A
PostalCode	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /ForwardAgent/Address/PostalCode	Cond	One	string	1...9	Postal code of the Forwarding agent.	Applicable for SED form only. Required for certain countries. The length of the postal code depends on the country code.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
CountryCode	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /ForwardAgent/Address/CountryCode	*Yes	One	string	2	Country code of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
UltimateConsignee	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /UltimateConsignee	Cond	One	Container		The ultimate consignee is the person or company who receives the goods for end-use or the person or company listed on the export license. This is the end-user of the goods.	Applicable for SED form only. Required when the form requested is SED.			N/A	N/A	N/A	Req Sec 4a	N/A
CompanyName	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /UltimateConsignee/CompanyName	*Yes	One	string	1...35	Company Name or the Individual name of the Ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Req	N/A
Address	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /UltimateConsignee/Address	*Yes	One	Container		Address information of the Ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Req Sec 4a	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
AddressLine	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/AddressLine	*Yes	One	string	1...35	Address line of the Ultimate consignee.	Max Occurrence must be 3			N/A	N/A	N/A	Req Sec 4a	N/A
City	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/City	*Yes	One	string	1...30	City of the Ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4a	N/A
StateProvince Code	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/StateProvinceCode	Cond	One	string	1...5	State of the Ultimate consignee.	Applicable for SED form only. Required for certain countries			N/A	N/A	N/A	Req Sec 4a	N/A
Town	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/Town		One	String						N/A	N/A	N/A	Req Sec 4a	N/A
PostalCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/PostalCode	Cond	One	String	1...9	Postal code of the Ultimate consignee.	Applicable for SED form only. Required for certain countries. The length of the postal code depends on the country code.			N/A	N/A	N/A	Req Sec 4a	N/A
CountryCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/CountryCode	*Yes	One	String	2	Country code of the Ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Req Sec 4a	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
IntermediateConsignee	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee	No	One	Container		The intermediate consignee is the person or company in the importing country that makes final delivery to the ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Opt Sec 4b	N/A
CompanyName	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/CompanyName	*Yes	One	string	1...35	Company Name or the Individual name of the Intermediate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
Address	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address	*Yes	One	Container		Address information of the Intermediate Consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
AddressLine	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/AddressLine	*Yes	One	string	1...35	Address line of the Intermediate Consignee.	Max Occurrence must be 3			N/A	N/A	N/A	Cond Req Sec 4b	N/A
City	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/City	*Yes	One	string	1...30	City of the Intermediate Consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
StateProvinceCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/StateProvinceCode	Cond	One	string	1...5	State of the Intermediate Consignee.	Applicable for SED form only. Required for certain countries.			N/A	N/A	N/A	Cond Req Sec 4b	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
Town	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /IntermediateConsignee/Address/Town		One	String						N/A	N/A	N/A	Cond Req Sec 4b	N/A
PostalCode	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /IntermediateConsignee/Address/PostalCode	Cond	One	string	1...9	Postal code of the Intermediate Consignee.	Applicable for SED form only. Required for certain countries. The length of the postal code depends on the country code.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
CountryCode	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /IntermediateConsignee/Address/CountryCode	*Yes	One	string	2	Country code of the Intermediate Consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
Producer	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /Producer	Cond	One	Container		Information of the producer. The NAFTA Certificate of Origin must be completed, signed, and dated by the exporter. When the Certificate is completed by the producer for use by the exporter, it must be completed, signed, and dated by the producer. The date must be the date the Certificate was completed and signed.	Applies to NAFTA CO. Required for NAFTA CO forms			N/A	N/A	N/A	N/A	N/A
Option	/ShipmentRequest/Ship ment/Ship mentServiceOptions/InternationalForms/Contacts /Producer/Option	No	One	string	2	The text associated with the code will be printed in the producer section instead of producer contact information. Use attached List if more than one producers good is included on the Certificate, attach a list of additional producers, including the legal name, address (including country), and legal tax identification number, cross-referenced to the goods described in the Description of Goods field.	Applies to NAFTA CO. Possible Values are:01: AVAILABLE TO CUSTOMS UPON REQUEST02: SAME AS EXPORTER03: ATTACHED LIST04: UNKNOWN			N/A	N/A	N/A	N/A	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CompanyName	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/CompanyName	Cond	One	string	1...35	Company Name or the Individual name of the Producer.	Applies to NAFTA CO. Only applicable when producer option is empty or not present. Conditionally required for: NAFTA CO, when Producer option is not specified.			N/A	N/A	N/A	N/A	N/A
TaxIdentificationNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/TaxIdentificationNumber	No	One	string	1...15	Tax ID of the Producer.	Applies to NAFTA CO. Only applicable when producer option is empty or not present			N/A	N/A	N/A	N/A	N/A
Address	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Address	Cond	One	Container		Address information of the Producer.	Applies to NAFTA CO. Only applicable if producer option is empty or not present. Conditionally required for: NAFTA CO, when Producer option is not specified.			N/A	N/A	N/A	N/A	N/A
AddressLine	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Address/AddressLine	*Yes	One	string	1...35	Address line of the Producer.	Max Occurrence must be 3			N/A	N/A	N/A	N/A	N/A
City	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Address/City	*Yes	One	string	1...30	City of the Producer.	Applies to NAFTA CO. Conditionally required for: NAFTA CO, when Producer option is not specified.			N/A	N/A	N/A	N/A	N/A
StateProvinceCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Address/StateProvinceCode	Cond	One	string	1...5	State of the Producer.	Applies to NAFTA CO. Required for certain countries			N/A	N/A	N/A	N/A	N/A
Town	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Address/Town		One	String						N/A	N/A	N/A	N/A	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PostalCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Address/PostalCode	Cond	One	string	1...9	Postal code of the Producer.	Applies to NAFTA CO. Required for certain countries. The length of the postal code depends on the country code.			N/A	N/A	N/A	N/A	N/A
CountryCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Address/CountryCode	*Yes	One	string	1...2	Country code of the Producer.	Applies to NAFTA CO			N/A	N/A	N/A	N/A	N/A
SoldTo	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo	No	One	container	N/A	SoldTo Container.								
Name	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Name	Yes*	One	string	1...35	Company Name.								
AttentionName	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/AttentionName	Yes*	One	string	1...35	Contact Name.								
TaxIdentificationNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/TaxIdentificationNumber	No	One	string	1...15	SoldTo Tax Identification Number								
Phone	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Phone	No	One	container	N/A	Phone Container								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Number	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Phone/Number	Yes*	One	string	1...15	Sold To contacts phone number.								
Extension	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Phone/Extension	No	One	string	?	Sold To contacts phone extension.								
Option	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Option	No	One	string	2	The text associated with the code will be printed in the sold to section of the NAFTA CO form. The values indicate the following 01 - Unknown 02 - Various	Applies to NAFTA CO form. Possible Values are 01 and 02							
Address	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address	Yes*	One	container	N/A	Address Container.								
AddressLine	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/AddressLine	Yes	One	string	35	SoldTo locations street address.	Max Occurrence must be 3							
City	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/City	Yes	One	string	30	SoldTo locations city.								
StateProvince Code	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/StateProvinceCode	Cond	One	string	5	SoldTo locations state or province code.	Required for certain countries.							



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Town	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Contacts/SoldTo/Address/Town	No	One	string	?	SoldTo locations town code.								
PostalCode	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Contacts/SoldTo/Address/PostalCode	Cond	One	string	10	SoldTo locations postal code.								
CountryCode	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Contacts/SoldTo/Address/CountryCode	Yes	One	string	2	SoldTo locations country code.								
Product	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product	*Yes to fifty	One	Container		Contains the commodity/ product information	Applies to SED, Invoice, Partial Invoice, CO and NAFTA CO. When any International form is requested Product must be present at least once but no more than 50. Note: For Partial Invoice this container is optional.			Req	Req	Req	Req	Opt
Description	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/Description	*Yes	One	string	1...35	Description of the product.	Applies to all International Forms. Optional for Partial Invoice. Must be present at least once and can occur for a maximum of 3 times			Req	Req	Req	Req	Opt
Unit	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/Unit	Cond	One	Container		Container tag for the unit's information of each product. (also called as commodity)	Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt
Number	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/Unit/Number	*Yes	One	string	1...7	Total quantity of each commodity to be shipped, measured in the units specified in the Unit of Measure field	Required for Invoice forms and optional for Partial Invoice. Must be numeric. Valid characters are 0-9.			N/A	N/A	N/A	N/A	Opt

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
UnitOfMeasurement	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/UnitOfMeasurement	*Yes	One	Container		Container tag for the Unit of measurement for the commodity.	Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt
Code	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/UnitOfMeasurement/Code	*Yes	One	string	1...3	Code for the Unit of measurement of the commodity units.	Required for Invoice forms and optional for Partial Invoice. Valid entries are: BA = Barrel, BE = Bundle, BG = Bag, BH = Bunch, BOX = Box, BT = Bolt, BU = Butt, CI = Canister, CM = Centimeter, CON = Container, CR = Crate, CS = Case, CT = Carton, CY = Cylinder, DOZ = Dozen, EA = Each, EN = Envelope, FT = Feet, KG = Kilogram, KGS = Kilograms, LB = Pound, LBS = Pounds, L = Liter, M = Meter, NMB = Number, PA = Packet, PAL = Pallet, PC = Piece, PCS = Pieces, PF = Proof Liters, PKG = Package, PR = Pair, PRS = Pairs, RL = Roll, SET = Set, SME = Square Meters, SYD = Square Yards, TU = Tube, YD = Yard, OTH = Other.			N/A	N/A	N/A	N/A	Opt
Description	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/UnitOfMeasurement/Description	Cond	One	string	1...3	The Unit of Measure if OTH (Other) is entered as the UnitOfMeasurement code.	Applies to Invoice and Partial Invoice forms. Conditionally Required for the Invoice and Partial Invoice form if OTH is entered as the units UnitOfMeasurement Code			N/A	N/A	N/A	N/A	Cond Req Sec 5b

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Value	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/Value	*Yes	One	string	1...12	Monetary amount used to specify the worth or price of the commodity. Amount should be greater than zero	Applies to Invoice and Partial Invoice form. Required for Invoice forms and optional for Partial Invoice. Amount should be greater than zero. Valid characters are 0-9 and. (Decimal point). Limit to 6 digits after the decimal. The maximum length of the field is 12 including '.' and can hold up to 6 decimal places.(#####.#####,#####.#####,#####.####,#####.###,#####.##,#####.##,#####.#####)The value of this product and the other products should be such that the invoice line total which is the sum of ( number*values) of all products should not exceed 9999999999999999.99			N/A	N/A	N/A	N/A	Opt
CommodityCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/CommodityCode	Cond	One	string	6...15	6-to-15-alphanumeric commodity code. Customs uses this code to determine what duties should be assessed on the commodity.	Applies to Invoice, Partial Invoice and NAFTA CO. Required for NAFTA CO and optional for Partial Invoice. Should be at least 6 alphanumeric. For NAFTA CO: For each good described in Description of Goods field, identify the H.S. tariff classification to six digits. If the good is subject to a specific rule of origin in Annex 401 that requires eight digits, identify to eight digits, using the H.S. tariff classification of the country into whose territory the good is imported.			N/A	N/A	N/A	N/A	Opt
PartNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/PartNumber	No	One	string	1...10	The part number or reference number for the product contained in the invoice line, as indicated on the customs invoice.	Applies to Invoice and Partial Invoice. Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
OriginCountryCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/OriginCountryCode	Cond	One	string	2	The country in which the good was manufactured, produced, or grown. For detailed information on country of origin, certificate of origin, rules of origin, and any related matters, please refer to the U.S. Customs and Border Protection Web site at <a href="http://www.customs.gov">www.customs.gov</a> or contact your country's Customs authority.	Applies to Invoice, Partial Invoice, CO and NAFTA CO. Required for Invoice and CO forms. Optional for Partial Invoice. Conditionally required for NAFTA CO if JointProductionIndicator is not present. For all other originating goods exported to Canada, indicate appropriately MX or US if the goods originate in that NAFTA country, within the meaning of the NAFTA Rules of Origin Regulations, and any subsequent processing in the other NAFTA country does not increase the transaction value of the goods by more than seven percent; otherwise use the JointProductionIndicator for joint production.			Req	Req	Req	N/A	Opt
JointProductionIndicator	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/JointProductionIndicator	No	One	EMPTY		If present, JNT will be used as the origin of country code on the NAFTA form and the Product/OriginCountryCode tag will be ignored.	Applies to NAFTA CO only			N/A	N/A	N/A	N/A	N/A
NetCostCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/NetCostCode	Cond	One	string	2	For each good described in the Description of Goods field, where the good is subject to a regional value content (RVC) requirement, indicate NC if the RVC is calculated according to the net cost method; otherwise, indicate NO.	Applies to NAFTA CO only. Required for NAFTA CO. Possible Values: NCNO			N/A	N/A	N/A	N/A	N/A
NetCostDateRange	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/NetCostDateRange	Optional	One	Container		Date Range for regional value content (RVC)	Applies to NAFTA CO only.			N/A	N/A	N/A	N/A	N/A
BeginDate	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/NetCostDateRange/BeginDate	*Yes	One	string	8	If the RVC is calculated over a period of time, it should be identified by the begin date (yyyyMMdd) of that period. (Reference: Articles 402.1, 402.5).	Applies to NAFTA CO only. Format is yyyyMMdd			N/A	N/A	N/A	N/A	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
EndDate	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/NetCostDateRange/EndDate	*Yes	One	string	8	If the RVC is calculated over a period of time, it should be identified by the End date (yyyyMMdd) of that period. (Reference: Articles 402.1, 402.5).	Applies to NAFTA CO only. Format is yyyyMMdd			N/A	N/A	N/A	N/A	N/A
PreferenceCriteria	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/PreferenceCriteria	Cond	One	string	1	Indicates the criterion (A through F) for each good described in the Description of Goods field if applicable. Do not put in developers guide: The rules of origin are contained in Chapter Four and Annex 401. Additional rules are described in Annex 703.2 (certain agricultural goods), Annex 300-B, Appendix 6 (certain textile goods) and Annex 308.1 (certain automatic data processing goods and their parts).	Applicable for NAFTA CO and is required. Possible Values: ABCDEF.			N/A	N/A	N/A	N/A	N/A
ProducerInfo	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/ProducerInfo	Cond	One	string	3 or 5	Indicate the following: Yes - If shipper is the producer of the good. If not, state 02, 03, and 04 depending on whether this certificate was based upon: No [1] - Knowledge of whether the good qualifies as an originating good. No [2] - Reliance on the producers written representation (other than a Certificate of Origin) that the good qualifies as an originating good. No [3] - A completed and signed Certificate for the good voluntarily provided to the exporter by the producer.	Applicable for NAFTA CO and is required. Possible Values: Yes, No[1] , No[2] , and No[3] ]			N/A	N/A	N/A	N/A	N/A
MarksAndNumbers	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/MarksAndNumbers	No	One	string	1...35	Any special marks, codes, and numbers that may appear on package	Applies to CO Only			Opt Sec 2a	Opt Sec 2a	Opt Sec 2a	N/A	N/A
NumberOfPackagesPerCommodity	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/NumberOfPackagesPerCommodity	Cond	One	string	1...3	The total number of packages, cartons, or containers for the commodity	Applicable for CO and is required. Should be numeric. Valid characters are 0 -9.			Req Sec 2b	Req Sec 2b	Req Sec 2b	N/A	N/A
ProductWeight	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/ProductWeight	Cond	One	Container		The shipping weight, including containers, for each commodity with a separate Harmonized Tariff Code / Schedule B Number. This weight does not include carrier equipment.	Applies to CO and SED forms only. Required for CO and SED forms.			Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
UnitOfMeasurement	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ProductWeight/UnitOfMeasurement	*Yes	One	Container		Container tag for the Unit of Measurement of weight	Applies to CO and SED forms only			Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A
Code	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ProductWeight/UnitOfMeasurement/Code	*Yes	One	string	3	Code for unit of Measurement of weight	Applies to CO and SED forms only. Possible values: KGS, LBS.			Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A
Description	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ProductWeight/UnitOfMeasurement/Description		One	String						Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A
Weight	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ProductWeight/Weight	*Yes	One	string	1..5	Weight	Applies to CO and SED forms only. Valid characters are 0-9 and '.' (Decimal point). Limit to 1 digit after the decimal. The maximum length of the field is 5 including '.' and can hold up to 1 decimal place.			Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A
VehicleID	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/VehicleID	No	One	string	1...25	Includes the following information for used self-propelled vehicles as defined in Customs regulations 19 CFR 192.1: The unique Vehicle Identification Number (VIN) in the proper format. Or The Product Identification Number (PIN) for those used self propelled vehicles for which there are no VINs. Or the Vehicle Title Number.	Applies to SED forms only			N/A	N/A	N/A	Opt Sec 25	N/A
ScheduleB	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ScheduleB	Cond	One	Container		Container tag for the schedule B information of a commodity	Applies to SED forms only. Required for SED form			N/A	N/A	N/A	Req Sec 22	N/A
Number	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ScheduleB/Number	*Yes	One	string	10	A unique 10-digit commodity classification code for the item being exported. (To classify a commodity access the following Web page: <a href="http://www.census.gov/foreign-trade/schedules/b/#search">http://www.census.gov/foreign-trade/schedules/b/#search</a> ).	Applies to SED forms only. Has to be 10 characters.			N/A	N/A	N/A	Req Sec 22	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
Quantity	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/ScheduleB/Quantity	Cond	One	string	1...10	The count of how many Schedule B units of the current good are in the shipment (SED only). For example, if the Schedule B unit of measure is dozens and eight dozen, is being shipped, indicate 8 in this field.	Applies to SED forms only. Conditionally required for SED forms if ScheduleB UnitOfMeasurement is not X. Should be Numeric. Valid characters are 0 -9.			N/A	N/A	N/A	Cond Req Sec 23	N/A
UnitOfMeasurement	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/ScheduleB/UnitOfMeasurement	*Yes	One	Container		The unit of measure indicated on the Export License.	Applies to SED forms only.			N/A	N/A	N/A	Req Sec 23	N/A
Code	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/ScheduleB/UnitOfMeasurement/Code	*Yes	One	string	1...3	The unit of measure indicated on the Export License. Enter an X if there is no unit of measure in the Schedule B Unit field.	Applies to SED forms only. Required for the SED form. Possible Values: BBL: Barrels, CAR: Carat, CKG: Content Kilogram, CM2: Square Centimeters, CTN: Content Ton, CUR: Curie, CYK: Clean Yield Kilogram, DOZ: Dozen, DPC: Dozen Pieces, DPR: Dozen Pairs, FBM: Fiber Meter, GCN: Gross Containers, GM: Gram, GRS: Gross, HUN: Hundred, KG: Kilogram, KM3: 1,000 Cubic Meters, KTS: Kilogram Total Sugars, L: Liter, M: Meter, M2: Square Meters, M3: Cubic Meters, MC: Millicurie, NO: Number, PCS: Pieces, PFL: Proof Liter, PK: Pack, PRS: Pairs, RBA: Running Bales, SQ: Square, T: Ton, THS: 1,000, X: No Quantity required.			N/A	N/A	N/A	Req Sec 23?	N/A
Description	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/Product/ScheduleB/UnitOfMeasurement/Description		One	String						N/A	N/A	N/A	Req Sec 23?	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ExportType	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ExportType	Cond	One	string	1	Code indicating Domestic: Exports that have been produced, manufactured, or grown in the United States or Puerto Rico. This includes imported merchandise which has been enhanced in value or changed from the form in which imported by further manufacture or processing in the United States or Puerto Rico. Foreign: Merchandise that has entered the United States and is being exported again in the same condition as when imported. ForeignMilitary: Exported merchandise that is sold under the foreign military sales program.	Applies to SED forms only. Required for SED form. Possible Values: D: Domestic F: Foreign M: Foreign Military			N/A	N/A	N/A	Req Sec 21	N/A
SEDTotalValue	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/SEDTotalValue	Cond	One	string	1...15	The value of the S.E.D. commodity contained on the S.E.D. This amount will always be USD.	Applies to SED forms only. Required for SED form. Valid characters are 0-9 and '.' (Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including '.' and can hold up to 2 decimal places. Note: This value is calculated based on the Product/Unit/Value and /Product/Unit/Number (Number of Units * Price per Unit). If the total value is incorrect it will be replaced by the actual calculated total value.			N/A	N/A	N/A	Req Sec 26	N/A
InvoiceNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/InvoiceNumber	No	One	string	1...35	Commercial Invoice number assigned by the exporter	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt Sec 3
InvoiceDate	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/InvoiceDate	Cond	One	string	8	Date when the Invoice is created. Ideally this is the same as the ship date.	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Required for Invoice form for forward shipments. For shipment with return service, the user input will be ignored, and the field will be blank on the invoice. Format is yyyyMMdd			N/A	N/A	N/A	N/A	Opt Sec 3
PurchaseOrderNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/PurchaseOrderNumber	No	One	string	1...35	The customers order reference number	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt Sec 3



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
TermsOfShipment	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/TermsOfShipment	No	One	string	3	Indicates the rights to the seller from the buyer.	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Possible values are: CFR: Cost and Freight, CIF: Cost, Insurance and Freight, CIP: Carriage and Insurance Paid, CPT: Carriage Paid To, DAF: Delivered at Frontier, DDP: Delivered Duty Unpaid, DEQ: Delivered Ex Quay, DES: Delivered Ex Ship, EXW: Ex Works, FAS: Free Alongside Ship, FCA: Free Carrier, FOB: Free On Board.			N/A	N/A	N/A	N/A	Opt Sec 3
ReasonForExport	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/ReasonForExport	Cond	One	string	1..20	reason to export the current international shipment Possible values: SALE, GIFT, SAMPLE, RETURN, REPAIR, INTERCOMPANYDATA, Any other reason	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and Optional for Partial Invoice. No validation			N/A	N/A	N/A	N/A	O Sec 3
Comments	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Comments	No	One	string	1..150	Any extra information about the current shipment	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt Sec 6
DeclarationStatement	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/DeclarationStatement	No	One	string	1..250	This is the legal explanation, used by Customs, for the delivering of this shipment. It must be identical to the set of declarations actually used by Customs. Examples of declarations that might be entered in this field are: I hereby certify that the goods covered by this shipment qualify as originating goods for purposes of preferential tariff treatment under the NAFTA. I hereby certify that the information on this invoice is true and correct and the contents and value of this shipment is as stated above. EEA statement: The exporter of the products covered by this document declares that except where otherwise clearly indicated these products are of EEA preferential origin.	Applies to Invoice and Partial Invoice forms only. On the invoice for return shipment, the verbiage is as follows (user input is ignored): The exporter of the products covered by this document declares that except where otherwise clearly indicated these products are of EEA preferential origin			N/A	N/A	N/A	N/A	Opt Sec 7
Discount	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Discount	No	One	Container		Container tag that holds the discount.	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	Opt Sec 8b

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/Discount/MonetaryValue	*Yes	One	string	15	The discount to be subtracted from the sum of the total value on the invoice.	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Valid characters are 0-9 and '.' (Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including '.' and can hold up to 2 decimal places. This value should be greater than or equal to zero or less than or equal to the value of all goods listed on the invoice.			N/A	N/A	N/A	N/A	Opt Sec 8b
FreightCharges	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/FreightCharges	No	One	Container		Container tag that holds the Freight Charges	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	O Sec 8d
MonetaryValue	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/FreightCharges/MonetaryValue	*Yes	One	string	0...15	Cost to transport the shipment	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Valid characters are 0-9 and '.' (Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including '.' and can hold up to 2 decimal places.			N/A	N/A	N/A	N/A	Opt Sec 8d
InsuranceCharges	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/InsuranceCharges	No	One	Container		Container tag that holds the Insurance Charges	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	Opt Sec 8e
MonetaryValue	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/InsuranceCharges/MonetaryValue	*Yes	One	string	0...15	The amount the shipper or receiver pays to cover the cost of replacing the shipment if it is lost or damaged	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Valid characters are 0-9 and '.' (Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including '.' and can hold up to 2 decimal places.			N/A	N/A	N/A	N/A	Opt Sec 8e
OtherCharges	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/OtherCharges	No	One	Container		Container tag that holds the information of amount that covers additional charges not already listed on the invoice	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	Opt Sec 8f

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/OtherCharges/MonetaryValue	*Yes	One	string	0...15	The Monetary value of Other Charges	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Valid characters are 0-9 and '.' (Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including '.' and can hold up to 2 decimal places.			N/A	N/A	N/A	N/A	Opt Sec 8f
Description	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/OtherCharges/Description	*Yes	One	string	1...10	Description of what the other charges are for.	Applies to Invoice and Partial Invoice forms only. Required for Complete Invoice and Optional for Partial Invoice forms.			N/A	N/A	N/A	N/A	Opt Sec 8f?
CurrencyCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/CurrencyCode	Cond	One	string	3	Currency code for all the monetary values of the Invoice form	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	O Sec 8g
BlanketPeriod	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/BlanketPeriod	Cond	One	Container		This field should be entered if the NAFTA Certificate covers multiple shipments of identical goods as described in the Description of Goods field that are imported into a NAFTA country for a specified period of up to one year (the blanket period). The importation of a good for which preferential treatment is claimed based on this certificate must occur between these dates.	Applies to NAFTA CO form only. Required for NAFTA CO.			N/A	N/A	N/A	N/A	N/A
BeginDate	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/BlanketPeriod/BeginDate	*Yes	One	string	8	Begin date of the blanket period. It is the date upon which the Certificate becomes applicable to the good covered by the blanket Certificate (it may be prior to the date of signing this Certificate).	Applies to NAFTA CO form only. Required for NAFTA CO. Format is yyyyMMdd			N/A	N/A	N/A	N/A	N/A
EndDate	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/BlanketPeriod/EndDate	*Yes	One	string	8	End Date of the blanket period. It is the date upon which the blanket period expires.	Applies to NAFTA CO form only. Required for NAFTA CO. Format is yyyyMMdd			N/A	N/A	N/A	N/A	N/A
ExportDate	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/ExportDate	Cond	One	string	8	The date the goods will be exiting the country	Applies to CO and SED forms only. Required for CO and SED forms. Format is yyyyMMdd			Req Sec 1c	Req Sec 1c	Req Sec 1c	Req Sec 2	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ExportingCarrier	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/ExportingCarrier	Cond	One	string	1...35	The name of the carrier that is exporting the shipment. The vessels flag number should also be entered, if the carrier is a vessel.	Applies to CO and SED forms only. Required for CO and SED forms.			Req Sec 1c?	Req Sec 1c?	Req Sec 1c?	Req Sec 10	N/A
CarrierID	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/CarrierID	No	One	string	1...17	The four-character Standard Carrier Alpha Code (SCAC) for vessel, rail, and truck shipments. For air shipment, enter the two or three character International Air Transport Association (IATA) code	Applies to SED forms only. No Validations.			N/A	N/A	N/A	Opt Sec 14	N/A
InBondCode	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/InBondCode	Cond	One	string	2	The two-character In Bond Code	Applies to SED forms only. Required for SED forms. Valid values are: 70: Not in bond36: Warehouse withdrawal for IE37: Warehouse withdrawal for T and E62: T and E63: IE67: IE from a FTZ68: T and E from a FTZ			N/A	N/A	N/A	Req Sec 18	N/A
EntryNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/EntryNumber	Cond	One	string	1...25	The Import Entry Number when the export transaction is used as proof of export for import transactions (examples: In Bond, Temporary Import Bond or Drawbacks)	Applies to SED forms only. Conditionally Required for SED forms when In bond code value is other than 70(Not In Bond)			N/A	N/A	N/A	Cond Req Sec 16	N/A
PointOfOrigin	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/PointOfOrigin	Cond	One	string	1...5	Contains one of the following: The two-digit U.S. Postal Service abbreviation for the state from which the goods were shipped to the port of export. The state that is the source for the good with the highest value. The state of consolidation. The Foreign Trade Zone number of the zone from where the exports are leaving. If the goods were shipped from Puerto Rico, enter PR.	Applies to SED forms only. Required for SED			N/A	N/A	N/A	Req Sec 6	N/A
ModeOfTransport	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/ModeOfTransport	Cond	One	string	1...35	Mode of transport by which the goods are exported. Possible values: Air, AirContainerized, Auto, FixedTransportInstallations, Mail, PassengerHandcarried, Pedestrian, Rail, Rail, Containerized, RoadOther, SeaBarge, SeaContainerized, SeaNoncontainerized, Truck, TruckContainerized	Applies to SED forms only. Required for SED. Only allowed values can be entered. Only 10 Characters can appear on the form. Anything greater than 10 characters will be truncated on the form.			N/A	N/A	N/A	Req Sec 9	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PortOfExport	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/PortOfExport	No	One	string	1...35	Should be one of the following-Overland: The U.S. Customs port where the carrier crosses the U.S. border. -Vessel and Air: The U.S. Customs port where the goods are loaded on the carrier to be exported from the U.S. -Postal: The U.S. Postal Office from where the goods are mailed	Applies to SED forms only. No validation.			N/A	N/A	N/A	Opt Sec 11	N/A
PortOfUnloading	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/PortOfUnloading	No	One	string	1...35	The country and the port where the goods will be unloaded from the exporting carrier. For vessel and air shipments only.	Applies to SED forms only. No validation.			N/A	N/A	N/A	Opt Sec 12	N/A
LoadingPier	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/LoadingPier	No	One	string	1...35	Pier where goods are loaded. For vessel shipments only	Applies to SED forms only. No validation.			N/A	N/A	N/A	Opt Sec 8	N/A
PartiesToTransaction	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/PartiesToTransaction	Cond	One	string	1	Information about parties to transaction. Use Related, if the parties to the transaction are related. A related party is an export from a U.S. businessperson or business to a foreign business or from a U.S. business to a foreign person or business where the person has at least 10 percent of the voting shares of the business during the fiscal year. If unincorporated, then an equivalent interest in the business.	Applies to SED forms only. Valid values are: R – Related, N – Non-related			N/A	N/A	N/A	Req Sec 1c	N/A
RoutedExportTransactionIndicator	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/RoutedExportTransactionIndicator	No	One	EMPTY		If Present, indicates that it is a routed export transaction. A routed export transaction is one, where the foreign principal party in interest authorizes a U.S. forwarding (or other) agent to export the merchandise outside the U.S.	Applies to SED forms only			N/A	N/A	N/A	Opt Sec 19	N/A
ContainerizedIndicator	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/ContainerizedIndicator	No	One	EMPTY		If present indicates that the goods are containerized. This applies to vessel shipments only	Applies to SED forms only			N/A	N/A	N/A	Opt Sec 13	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
License	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/License	Cond	One	Container		Container for License information. If the product is not licensable, a valid license exception code needs to be entered. If shipping different products that are covered under different licenses or license exceptions, then separate SEDs must be created.	Applies to SED forms only. Required for SED forms.			N/A	N/A	N/A	Cond Req Sec 27	N/A
Number	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/License/Number	Cond	One	string	1...35	The license number that authorizes ship product.	Applies to SED forms only. Either License number or License exception code should be present for SED form, both License number and License Exception code cannot be present for SED form.			N/A	N/A	N/A	Cond Req Sec 27	N/A
Date	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/License/Date	Cond	One	string	1...8	License Date	Applies to SED forms only. Conditionally required for SED forms if there is a license number. Only applicable when License Number is provided. Format yyyyMMdd			N/A	N/A	N/A	Cond Req Sec 27	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ExceptionCode	/ShipmentRequest/Shipment/ServiceOptions/InternationalForms/License/ExceptionCode	Cond	One	string	1...4	License exception code. Possible values: AGR: Established for agricultural commodities to permit exports and re-exports to Cuba that is not specifically identified on the Commerce Control List (CCL) and is classified as EAR99. APR: Items for export or re-export not controlled for nuclear nonproliferation, missile technology or crime control. AVS: U.S. aircraft or foreign sojourn into foreign country. BAG: Individual or exporting carrier's crew member's baggage. CIV: National security items for civil end users. CTP: Computer and parts of. ENC: Encrypted software and hardware - financial institutions. GBS: Export or re-export of Country Group B; controlled for national security reasons. GFT: Gift shipments; packages to individuals, religious, charitable or education institutions, donations of basic needs. GOV: Government shipments, covers shipments for U.S. government agencies, personnel or of cooperating foreign governments. KMI: Encrypted software and hardware. LVS: Value of shipments limited. NLR: No license required. RPL: Servicing and replacement of parts and equipment, one for one replacement parts service or replacement of equipment. TMP: Temporary exports, export and re-export of items temporary in U.S., export and re-export of beta test software. TSPA: Software or technology outside the scope of export regulations. TSR: Technology and software, national security reason, Country Group B. TSU: Technology and software shipments, of basic requirements, data supporting prospective or actual bids, offers to sell, lease or supply an item. Software update for fixing programs, mass marketed software	Applies to SED forms only. Either License number or License exception code should be present for SED form, both License number and License Exception code cannot be present for SED form. Validated for possible values			N/A	N/A	N/A	Cond Req Sec 27	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ECCNNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/InternationalForms/ECCNNumber	Cond	One	string	8	Export Control Classification Number. This number identifies categories, product groups, strategic level of control, and country groups. Some products have an ECCN number.	Applies to SED forms only. ECCN is required one of the following License Exception Codes is entered: CIV, CTP, ENC, or KMI LVS			N/A	N/A	N/A	Cond Req Sec 28	N/A
DeliveryConfirmation	/ShipmentRequest/Shipment/ShipmentServiceOptions/DeliveryConfirmation	No	One	container	N/A	For a list of valid origin/destination countries please refer to the table in Appendix D	Forwards Only	X						
DCISType	/ShipmentRequest/Shipment/ShipmentServiceOptions/DeliveryConfirmation/DCIS Type	Yes*	One	string	1	Type of delivery confirmation	Valid values are:1 - Delivery Confirmation Signature Required 2 - Delivery Confirmation Adult Signature Required. Forwards Only	X						
DCISNumber	/ShipmentRequest/Shipment/ShipmentServiceOptions/DeliveryConfirmation/DCIS Number		One	String										
ReturnOfDocumentIndicator	/ShipmentRequest/Shipment/ShipmentServiceOptions/ReturnOfDocumentIndicator	No	One	String	0	The flag indicates the ReturnOfDocument accessorial has been requested	Valid for Poland to Poland without return service only.	X						
Package	/ShipmentRequest/Shipment/Package	Yes	One	Container	N/A	Package Information container.	For Return Shipments up to and including 20 packages are allowed. US/PR origin return movements are limited to only one package.							
Description	/ShipmentRequest/Shipment/Package/Description	Cond	One	string	1...35	Merchandise description of package.	Required for shipment with return service							
Packaging	/ShipmentRequest/Shipment/Package/Packaging	Cond	One	container	N/A	Packaging Container	Packaging type is required for Ground Freight Pricing Shipments only							



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Code	/ShipmentRequest/Shipment/Package/Packaging/Code	Yes*	One	string	2	Package types. Values are: 01 = UPS Letter, 02 = Customer Supplied Package, 03 = Tube, 04 = PAK, 21 = UPS Express Box, 24 = UPS 25KG Box, 25 = UPS 10KG Box, 30 = Pallet, 2a = Small Express Box, 2b = Medium Express Box, 2c = Large Express Box. Note: Only packaging type code 02 is applicable to Ground Freight Pricing	Package type 24, or 25 or 30 is only allowed for shipment without return service. Packaging type must be valid for all the following: ShipTo country, ShipFrom country, a shipment going from ShipTo country to ShipFrom country, all Accessorials at both the shipment and package level, and the shipment service type.							
Description	/ShipmentRequest/Shipment/Package/Packaging/Description	No	One	String	1..35	Description of packaging type. Examples are letter, customer supplied, express box.	N/A							
Dimensions	/ShipmentRequest/Shipment/Package/Dimensions	Cond	One	container	N/A	Dimensions information container. Note: Currently dimensions are not applicable to Ground Freight Pricing	Length + 2*(Width + Height) must be less than or equal to 130 IN or 330 CM. Dimensions are required for GB to GB and Poland to Poland Shipments.							
UnitOfMeasurement	/ShipmentRequest/Shipment/Package/Dimensions/UnitOfMeasurement	Yes	One	container	N/A	UnitOfMeasurement container	N/A							
Code	/ShipmentRequest/Shipment/Package/Dimensions/UnitOfMeasurement/Code	Yes	One	string	2	Package dimensions measurement code. Codes are: IN = Inches, CM = Centimeters, 00 = Metric Units Of Measurement, 01 = English Units of Measurement.	The unit of measurement must be valid for the Shipper country.							
Description	/ShipmentRequest/Shipment/Package/Dimensions/UnitOfMeasurement/Description	No	One	string	1..35	Description of the package dimensions measurement units.	N/A							
Length	/ShipmentRequest/Shipment/Package/Dimensions/Length	Yes*	One	string	3	Package length. Length must be the longest dimension of the container.	Valid values are 0 to 108 IN and 0 to 270 CM.							
Width	/ShipmentRequest/Shipment/Package/Dimensions/Width	Yes*	One	string	3	Package width.	N/A							
Height	/ShipmentRequest/Shipment/Package/Dimensions/Height	Yes*	One	string	3	Package height.	N/A							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PackageWeight	/ShipmentRequest/Shipment/Package/PackageWeight	Cond	One	Container	N/A	Container to hold package weight information.	Package weight is a required field for Ground Freight Pricing shipments							
UnitOfMeasurement	/ShipmentRequest/Shipment/Package/PackageWeight/UnitOfMeasurement	Yes	One	Container	N/A	Container to hold UnitOfMeasurement information.	N/A							
Code	/ShipmentRequest/Shipment/Package/PackageWeight/UnitOfMeasurement/Code	Yes	One	string	3	Package weight unit of measurement code. Codes are: LBS = Pounds, KGS = Kilograms.								
Description	/ShipmentRequest/Shipment/Package/PackageWeight/UnitOfMeasurement/Description	No	One	string	1...35	Description of the package weight measurement units.	N/A							
Weight	/ShipmentRequest/Shipment/Package/PackageWeight/Weight	Yes*	One	string	1...5	Packages weight.	Only {Average}package weight is required for Ground Freight Pricing Shipment							
LargePackageIndicator	/ShipmentRequest/Shipment/Package/LargePackageIndicator	No	One	string	0	Presence of the indicator mentions that the package is Large Package.	Empty Tag.							
ReferenceNumber	/ShipmentRequest/Shipment/Package/ReferenceNumber	No	One	container	N/A	Package reference number information container	N/A							
BarCodeIndicator	/ShipmentRequest/Shipment/Package/ReferenceNumber/BarCodeIndicator	No	One	string	0	If the indicator is present then the reference numbers value will be bar coded on the label.	Empty Tag. Allowed for shipment with return service only. Only one shipment-level or package-level reference number can be bar coded per shipment. In order to barcode a reference number, its value must be no longer than 14 alphanumeric characters or 24 numeric characters and cannot contain spaces.		X					
Code	/ShipmentRequest/Shipment/Package/ReferenceNumber/Code	No	One	string	2	Reference number type code, for the entire shipment. The code specifies the Reference name.	Valid if the origin/destination pair is US/US or PR/PR.2 character alphanumeric.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Value	/ShipmentRequest/Shipment/Package/ReferenceNumber/Value	Yes*	One	string	1..35	Customer supplied reference number.	Valid if the origin/destination pair is US/US or PR/PR. Supports up to 2 customer supplied combinations of Reference code- value combinations.							
AdditionalHandlingIndicator	/ShipmentRequest/Shipment/Package/AdditionalHandlingIndicator	No	One	string	0	Additional Handling Required. The presence indicates additional handling is required, the absence indicates no additional handling is required.	Empty Tag.							
PackageServiceOptions	/ShipmentRequest/Shipment/Package/PackageServiceOptions	No	One	container	N/A	PackageServiceOptioncontainer	N/A							
DeliveryConfirmation	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeliveryConfirmation	No	One	container	N/A	For a list of valid origin/destination countries please refer to the table in Appendix D	Forwards Only	X						
DCISType	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeliveryConfirmation/DCISType	Yes*	One	string	1	Type of delivery confirmation	Valid values are:1 - Delivery Confirmation 2 - Delivery Confirmation Signature Required 3 - Delivery Confirmation Adult Signature Required. Forwards Only	X						
DCISNumber	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeliveryConfirmation/DCISNumber	No	One	string	1..11	Delivery Confirmation Control number associated with the delivery confirmation for the package	Forwards Only	X						
DeclaredValue	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeclaredValue	No	One	container	N/A	Container for DeclaredValue	N/A							
Type	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeclaredValue/Type	No	One	container	N/A	Container for Declared Value Type	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Code	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeclaredValue/Type/Code	*Yes	One	string	2	Declared value type. Valid value are 01=EVS, 02=DVS. Defaults to 01 i.e. EVS if declared value type is not provided.	The user cannot specify different type of declared value for the shipment. You can either have shipper declared value (DVS) or declared value (EVS) but not both at package level. Note: The Shipper Declared Value is applicable for forward shipments when the billing option is freight collect or third party							
Description	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeclaredValue/Type/Description	No	One	string	1...35	Declared value Description	N/A							
CurrencyCode	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeclaredValue/CurrencyCode	Yes*	One	string	3	Declared value amount currency type. Defaults to the non-Euro currency used in the shippers country.	Code must represent a currency that is a valid for Shipper country.	X						
MonetaryValue	/ShipmentRequest/Shipment/Package/PackageServiceOptions/DeclaredValue/MonetaryValue	Yes*	One	string	1...19	Declared value amount.		X						
COD	/ShipmentRequest/Shipment/Package/PackageServiceOptions/COD	No	One	container	N/A	COD container	Indicates COD is requested. Package level COD is available for shipment without return service from US/PR to US/PR, CA to CA, and CA to US.CA to US COD is not allowed for package Letter/ Envelope. COD is not valid for return service movements.	X						
CODFundsCode	/ShipmentRequest/Shipment/Package/PackageServiceOptions/COD/CODFundsCode	Yes*	One	string	1	Values are: 0 = check, cashiers check or money order - no cash allowed, 8 = cashiers check or money order - no cash allowed.	N/A	X						
CODAmount	/ShipmentRequest/Shipment/Package/PackageServiceOptions/COD/CODAmount	Yes*	One	container	N/A	CODAmount container	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CurrencyCode	/ShipmentRequest/Shipment/Package/PackageServiceOptions/COD/CODAmount/CurrencyCode	Yes	One	string	3	COD amount currency code type.	N/A	X						
MonetaryValue	/ShipmentRequest/Shipment/Package/PackageServiceOptions/COD/CODAmount/MonetaryValue	Yes	One	string	5.2	COD Amount.	Valid values: 0.01 USD - 50000.00 USD	X						
VerbalConfirmation	/ShipmentRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation	No	One	Container	N/A	Verbal Confirmation Info.	Allowed for shipment without return service.	X						
ContactInfo	/ShipmentRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo	Cond	One	Container	N/A	Optional if the Shippers AttentionName, PhoneNumber, and PhoneExtension(optional) are given and are the desired name, phone number and extension, respectively, to be used for verbal confirmation.	N/A	X						
Name	/ShipmentRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo/Name	Cond	One	string	1...35	Name of the person to be contacted for confirmation. Defaults to Shipper AttentionName if given.	Optional if Shipper/ AttentionName is given and that is the name of the person to be contacted else required for verbal confirmation.	X						
Phone	/ShipmentRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo/Phone	No	One	Container	N/A	Phone Container	N/A	X						
Number	/ShipmentRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo/Phone/Number	Yes*	One	String	1...15	Contact Phone Number	N/A	X						
Extension	/ShipmentRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo/Phone/Extension	No	One	String	1...4	Contact Phone Extension	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ShipperReleaseIndicator	/ShipmentRequest/Shipment/Package/PackageServiceOptions/ShipperReleaseIndicator	No	One	String	0	The presence indicates that the package may be released by driver without a signature from the consignee	Empty Tag. Only available for US50/PR to US50/PR packages without return service.	X						
Notification	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification	No	One	Container	N/A	Receiver Return Notification	Applicable for Shipment with returned service.		X					
NotificationCode	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/NotificationCode	Yes*	One	String	1	Notification Code	3 - Receiver Return Notification		X					
EMail	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/EMail	Yes*	One	Container	N/A	Container for the e-mail Message.	N/A		X					
EMailAddress	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/EMail/EMailAddress	Yes*	One	String	1...50	The destination email address of the receiver returns notification email.	N/A		X					
UndeliverableEMailAddress	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/EMail/UndeliverableEMailAddress	No	One	String	1...50	The e-mail address where an undeliverable email message is sent if the Receiver Return Notification email is undeliverable.	Defaults to FromEMailAddress. Only allowed at the first package.		X					
FromEMailAddress	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/EMail/FromEMailAddress	No	One	String	1...50	The email address listed in the Reply To field of the message header, includes name and e-mail address of sender. The From field of the message header contains pkginfo@ups.com.	Only allowed at the first package.		X					
FromName	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/EMail/FromName	No	One	String	1...35	The name the receiver return notification will appear to be from.	Defaults to the Shipper Name. Only allowed at the first package.		X					

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Memo	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/Email/Memo	No	One	String	1...150	User defined text that will be included in the email.	Only allowed at the first package.		X					
Subject	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/Email/Subject	No	One	String	1...75	The eMail's subject. Defaults to the UPS Receiver Return Notification plus the shipment ID.	Only allowed at the first package		X					
SubjectCode	/ShipmentRequest/Shipment/Package/PackageServiceOptions/Notification/Email/SubjectCode	No	One	String	2	Specifies a reference code and reference number to display in the subject of the Receiver Return Notification. When the subject code is provided, the subject will contain the following: UPS Receiver Return Notification. The reference code (the reference code will be mapped to the corresponding ANSI value) Plus the reference number.	If the subject code tag is not provided and the subject text is provided, the subject of the notification will be the subject text. If the subject text is provided, and subject code tag exists, then the subject code value must be 08; If the subject code is 08, the subject text must exist. If a subject code is provided that refers to a nonexistent reference number, the subject will default to the tracking number. Only allowed at the first package.		X					
Commodity	/ShipmentRequest/Shipment/Package/Commodity	Cond	One	Container	N/A	Container to hold the Commodity information	It is required if the Ground Freight Pricing Shipment indicator is present in the request.	X						
FreightClass	/ShipmentRequest/Shipment/Package/Commodity/FreightClasses	Yes	One	String	10	Freight Classification. Freight class partially determines the freight rate for the article.	Required for Ground Freight Pricing Shipments only	X						
NMFC	/ShipmentRequest/Shipment/Package/Commodity/NMFC	No	One	Container	N/A	Container to hold the NMFC codes		X						
PrimeCode	/ShipmentRequest/Shipment/Package/Commodity/NMFC/PrimeCode	Yes	One	String	4..6	Specifies the Commodity's NMFC prime code	Required if NMFC Container is Present	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
SubCode	/ShipmentRequest/Ship ment/Package/Commodity/NMFC/Sub Code	No	One	String	2	Specifies the Commodity's NMFC sub code	Needs to be provided when the SubCode associated with the PrimeCode is other than 00. Backend defaults the sub value to 00 if not provided. If provided the Sub Code should be associated with the PrimeCode of the NMFC.	X						
LabelSpecification	/ShipmentRequest/LabelSpecification	Cond	One	Container	N/A	Container used to define the properties required by the user to print and/or display the UPS shipping label.	Required for shipment without return service, or shipment with PRL return service.							
LabelImageFormat	/ShipmentRequest/LabelSpecification/LabelImageFormat	Yes	One	Container	N/A	LabelImageFormat Container	N/A							
Code	/ShipmentRequest/LabelSpecification/LabelImageFormat/Code	Yes	One	String	3	Label print method code that the Labels are to be generated for EPL2 formatted Labels use EPL, for SPL formatted Labels use SPL, for ZPL formatted Labels use ZPL and for image formats use GIF, for Star Printer format formatted Labels use STARPL.	For shipments without return service the valid value is GIF, ZPL, EPL and SPL. For shipments with PRL return service, the valid values are EPL, ZPL, SPL, STARPL and GIF.							
Description	/ShipmentRequest/LabelSpecification/LabelImageFormat/Description	No	One	String	1...35	Description of the label image format code.	N/A							
HTTPUserAgent	/ShipmentRequest/LabelSpecification/HTTPUserAgent	Cond	One	String	1...64	Browser HTTPUserAgent String. This is the preferred way of identifying GIF image type to be generated	Required if /ShipmentRequest/LabelSpecification/LabelSpecification/LabelImageFormat/Code = Gif. Default to Mozilla/4.5 if this field is missing or has invalid value.							
LabelStockSize	/ShipmentRequest/LabelSpecification/LabelStockSize	Yes	One	Container	N/A	Container for the EPL2, ZPL, STARPL or SPL label size	For EPL2, ZPL, STARPL and SPL Labels.							
Height	/ShipmentRequest/LabelSpecification/LabelStockSize/Height	Yes	One	String	1...3	Height of the label image. For IN, use whole inches.	For EPL2, ZPL, STARPL and SPL Labels. Only valid values are 6 or 8. Note: Label Image will only scale up to 4 X 6, even when requesting 4 X 8.							



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Width	/ShipmentRequest/LabelSpecification/LabelStockSize/Width	Yes	One	String	1..3	Width of the label image. For IN, use whole inches.	For EPL2, ZPL, STARPL and SPL Labels. Valid value is 4. Note: Label Image will only scale up to 4 X 6, even when requesting 4 X 8.							
ShipConfirmRequest	/ShipConfirmRequest	Yes	One	container	N/A	Request Container	N/A							
Request	/ShipConfirmRequest/Request	Yes	One	container	N/A	Request Container	N/A							
RequestOption	/ShipConfirmRequest/Request/RequestOption	Yes	One	string	1..15	Optional Processing. 'nonvalidate' = No address validation. 'validate' = Fail on failed address validation. Defaults to validate. Note: Full address validation is not performed. Therefore, it is the responsibility of the Shipping Tool User to ensure the address entered is correct to avoid an address correction fee.	Values blank, validate, or nonvalidate.							
TransactionReference	/ShipConfirmRequest/Request/TransactionReference	No	One	Container	N/A	TransactionReference identifies transactions between client and server.	N/A							
CustomerContext	/ShipConfirmRequest/Request/TransactionReference/CustomerContext	No	One	string	1..512	The client uses CustomerContext to synchronize request/response pairs. The client establishes CustomerContext, which can contain any information you want, as long as it is valid XML; it is echoed back by the server.	N/A							
Shipment	/ShipConfirmRequest/Shipment	Yes	One	container	N/A	Shipment Container	Refer to the Shipment container table for the elements under Shipment container.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Description	/ShipConfirmRequest/Shipment/Description	Cond	One	String	1...35	The Description of Goods for the shipment. Applies to international shipments only. Provide a detailed description of items being shipped for documents and non-documents. Provide specific descriptions, such as annual reports and 9 mm steel screws.	Required if all of the listed conditions are true: ShipFrom and ShipTo countries are not the same; The packaging type is not UPS Letter; The ShipFrom and or ShipTo countries are not in the European Union or the ShipFrom and ShipTo countries are both in the European Union and the shipments service type is not UPS Standard.							
ReturnService	/ShipConfirmRequest/Shipment/ReturnService	No	One	Container	N/A	Type of Return service. When this container exists, the shipment is a return shipment.	N/A		X					
Code	/ShipConfirmRequest/Shipment/ReturnService/Code	Yes*	One	string	1	Return Service types:2 = UPS Print and Mail (PNM)3 = UPS Return Service 1-Attempt (RS1) 5 = UPS Return Service 3-Attempt (RS3)8 = UPS Electronic Return Label (ERL)9 = UPS Print Return Label (PRL)	N/A		X					
Description	/ShipConfirmRequest/Shipment/ReturnService/Description	No	One	String	1...35	Return Service description	N/A		X					
DocumentsOnlyIndicator	/ShipConfirmRequest/Shipment/DocumentsOnlyIndicator	No	One	string	0	Indicates a shipment contains written, typed, or printed communication of no commercial value. If DocumentsOnly is not specified then it implies that the shipment contains non documents or documents of commercial value. Default is a shipment contains non- documents or documents of commercial value.	Empty Tag. Valid only for shipments with different origin and destination countries. The origin country is not US, and the destination country is not CA, PR or MX.							
Shipper	/ShipConfirmRequest/Shipment/Shipper	Yes	One	Container	N/A	Container tag for Shippers information	N/A							
Name	/ShipConfirmRequest/Shipment/Shipper/Name	Yes	One	string	1...35	Shippers company name.	N/A							
AttentionName	/ShipConfirmRequest/Shipment/Shipper/AttentionName	Cond	One	string	1...35	Shippers Attention Name	Required if destination is international. Required if Invoice and Co International forms are requested and the ShipFrom address is not present.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
TaxIdentificationNumber	/ShipConfirmRequest/Shipment/Shipper/TaxIdentificationNumber	Cond	One	string	1...15	Shippers Tax Identification Number	Conditionally required if SED form (International forms) is requested and ship From is not mentioned.							
Phone	/ShipConfirmRequest/Shipment/Shipper/Phone	Cond	One	Container	N/A	Container tag for Phone Number	N/A							
Number	/ShipConfirmRequest/Shipment/Shipper/Phone/Number	Yes*	One	String	1...15	Shippers phone Number.	Valid values are 0 - 9.If Shipper country is US, PR, CA, and VI, the layout is area code, 7 digit PhoneNumber or area code, 7 digit PhoneNumber, 4 digit extension number; for other countries, the layout is CountryCode, area code, 7 digit number							
Extension	/ShipConfirmRequest/Shipment/Shipper/Phone/Extension	No	One	String	1...4	Shippers phone extension .	N/A							
ShipperNumber	/ShipConfirmRequest/Shipment/Shipper/ShipperNumber	Yes	One	string	6	Shipper's six digit account number.	Size must be six alphanumeric characters. Must be associated with the UserId specified in the AccessRequest XML The account must be a valid UPS account number that is active. For US, PR and CA accounts, the account must be either a daily pickup account, an occasional account, or a customer B.I.N account. Drop Shipper accounts are valid for return service shipments only if the account is Trade Direct (TD) enabled. All other accounts must be either a daily pickup account, or an occasional account.							
FaxNumber	/ShipConfirmRequest/Shipment/Shipper/FaxNumber	No	One	String	1...14	Shippers Fax Number.	N/A							
EMailAddress	/ShipConfirmRequest/Shipment/Shipper/EMailAddress	No	One	string	1...50	Shippers email address.	N/A							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Address	/ShipConfirmRequest/Shipment/Shipper/Address	Yes	One	Container	N/A	Address tag Container.	The package should be returned to this address if the package is undeliverable. This address appears on the upper left hand corner of the label. Note: If the ShipFrom container is not present then this address will be used as the ShipFrom address. If this address is used as the ShipFrom the shipment will be rated from this origin address.							
AddressLine	/ShipConfirmRequest/Shipment/Shipper/Address/AddressLine	Yes	One	string	1...35	The shipper's street address, including name and number (when applicable).	Maximum Occurrence should be three.							
City	/ShipConfirmRequest/Shipment/Shipper/Address/City	Yes	One	string	1...30	The shippers City	N/A							
StateProvinceCode	/ShipConfirmRequest/Shipment/Shipper/Address/StateProvinceCode	Cond	One	string	2...5	Shipper's state or province code.	Required if shipper is in the US or CA. If Shipper country is US or CA, then the value must be a valid US State/ Canadian Province code. If the country is Ireland, the StateProvinceCode will contain the county.							
PostalCode	/ShipConfirmRequest/Shipment/Shipper/Address/PostalCode	Cond	One	string	1...9	Shipper's postal code.	If Shipper country is US or Puerto Rico, 5 or 9 digits are required. . The character - may be used to separate the first five digits and the last four digits. If the Shipper country is CA, then the postal code is required and must be 6 alphanumeric characters whose format is A#A#A# where A is an uppercase letter and # is a digit. For all other countries the postal code is optional and must be no more than 9 alphanumeric characters long.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV	
CountryCode	/ShipConfirmRequest/Shipment/Shipper/Address/CountryCode	Yes	One	string	2	Shipper's country code.	Must be a valid UPS Billing country code. For Forward shipments it must also be an allowable UPS origin country. For Return Shipment the country code must meet the following conditions:1) At least two of the following country codes are the same: ShipTo, ShipFrom, and Shipper.2) None of the following country codes are the same and are a member of the EU: ShipTo, ShipFrom, and Shipper.3) None of the following country codes are the same and at least one of them is not a member of the EU, the shipper must have Third Country contract service: ShipTo, ShipFrom, and Shipper.								
ShipTo	/ShipConfirmRequest/Shipment/ShipTo	Yes	One	Container	N/A	Ship To Container	N/A								
Name	/ShipConfirmRequest/Shipment/ShipTo/Name	Yes	One	string	1...35	Consignees company name.	N/A								
AttentionName	/ShipConfirmRequest/Shipment/ShipTo/AttentionName	Cond	One	string	1...35	Contact name at the consignee's location.	Required for: UPS Next Day Air Early A.M. service, and when ShipTo country is different than ShipFrom country. Required if Invoice International form is requested								
TaxIdentificationNumber	/ShipConfirmRequest/Shipment/ShipTo/TaxIdentificationNumber	No	One	String	1...15	Consignees tax identification number.	N/A								
Phone	/ShipConfirmRequest/Shipment/ShipTo/Phone	Cond	One	Container	N/A	Container for Phone Number	N/A								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Number	/ShipConfirmRequest/Shipment/ShipTo/Phone/Number	Yes*	One	String	1...15	Consignees phone Number.	Required for: UPS Next Day Air Early A.M. service, and when Ship To country is different than the ShipFrom country. If ShipTo country is US, PR, CA, and VI, the layout is area code, 7 digit PhoneNumber or area code, 7 digit PhoneNumber, 4 digit extension number; number; for other countries, the layout is CountryCode, area code, 7 digit number.							
Extension	/ShipConfirmRequest/Shipment/ShipTo/Phone/Extension	No	One	String	1...4	Consignees phone extension.	N/A							
FaxNumber	/ShipConfirmRequest/Shipment/ShipTo/FaxNumber	No	One	String	1...15	Consignees fax number.	If ShipTo country is US 10 digits allowed, otherwise 1-15 digits allowed.							
EMailAddress	/ShipConfirmRequest/Shipment/ShipTo/EMailAddress	No	One	string	1...50	Consignees email address.	N/A							
Address	/ShipConfirmRequest/Shipment/ShipTo/Address	Yes	One	Container	N/A	Address Container.	N/A							
AddressLine	/ShipConfirmRequest/Shipment/ShipTo/Address/AddressLine	Yes	One	String	1...35	Address Line of the consignee.	Max Occurrence can be 3							
City	/ShipConfirmRequest/Shipment/ShipTo/Address/City	Yes	One	string	1...30	Consignee's city.	N/A							
StateProvince Code	/ShipConfirmRequest/Shipment/ShipTo/Address/StateProvinceCode	Cond	One	string	2	Consignee's state or province code. Required for US or Canada.	If destination is US or CA, then the value must be a valid US State/ Canadian Province code. If the country is Ireland, the StateProvinceCode will contain the county.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PostalCode	/ShipConfirmRequest/Shipment/ShipTo/Address/PostalCode	Cond	One	string	1..9	Consignee's postal code.	If the ShipTo country is US or Puerto Rico, 5 or 9 digits are required. . The character - may be used to separate the first five digits and the last four digits. If the ShipTo country is CA, then the postal code is required and must be 6 alphanumeric characters whose format is A#A#A# where A is an uppercase letter and # is a digit. Otherwise optional. For all other countries the postal code is optional and must be no more than 9 alphanumeric characters long.							
CountryCode	/ShipConfirmRequest/Shipment/ShipTo/Address/CountryCode	Yes	One	string	2	Consignee's country code.	Must be a valid UPS Billing country code. For Return Shipment the country code must meet the following conditions:1) At least two of the following country codes are the same: ShipTo, ShipFrom, and Shipper. 2) None of the following country codes are the same and are a member of the EU: ShipTo, ShipFrom, and Shipper. 3) None of the following country codes are the same and at least one of them is not a member of the EU, the shipper must have Third Country contract service: ShipTo, ShipFrom, and Shipper.							
ResidentialAddressIndicator	/ShipConfirmRequest/Shipment/ShipTo/Address/ResidentialAddressIndicator	No	One	String	0	This field is a flag to indicate if the receiver is a residential location. True if ResidentialAddressIndicator tag exists; false otherwise	Empty Tag.							
LocationID	/ShipConfirmRequest/Shipment/ShipTo/LocationID	No	One	String	3..10	Location ID is a unique identifier referring to a specific shipping/receiving location.	Location ID must be alphanumeric characters. All letters must be capitalized.							
ShipFrom	/ShipConfirmRequest/Shipment/ShipFrom	Cond	One	container	N/A	Ship From Container	Required for return shipment. Required if pickup location is different from the shippers address.							
Name	/ShipConfirmRequest/Shipment/ShipFrom/Name	Yes*	One	string	1..35	The ship from locations name or company name.	Required if ShipFrom tag is in the XML.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
AttentionName	/ShipConfirmRequest/Shipment/ShipFrom/AttentionName	Cond	One	string	1...35	The ship from Attention name.	Required if ShipFrom tag is in the XML and Invoice or CO International forms is requested.							
TaxIdentificationNumber	/ShipConfirmRequest/Shipment/ShipFrom/TaxIdentificationNumber	Cond	One	string	1...15	Company's Tax Identification Number at the pick up location	Conditionally required if SED form (International forms) is requested							
Phone	/ShipConfirmRequest/Shipment/ShipFrom/Phone	Cond	One	Container	N/A	Container for Phone Number	If ShipFrom country is US, PR, CA, and VI, the layout is area code, 7 digit phone number or area code, 7 digit phone number, 4 digit extension number; for other countries, the layout is CountryCode, area code, 7 digit number. Required if ShipFrom tag is in the XML and International forms is requested.							
Number	/ShipConfirmRequest/Shipment/ShipFrom/Phone/Number	Yes*	One	String	1...15	The Ship from phone Number.	N/A							
Extension	/ShipConfirmRequest/Shipment/ShipFrom/Phone/Extension	No	One	String	1...4	The Ship from phone extension.	N/A							
FaxNumber	/ShipConfirmRequest/Shipment/ShipFrom/FaxNumber	No	One	String	1...15	The Ship from fax number.	If Ship from country is US 10 digits allowed, otherwise 1-15 digits allowed.							
Address	/ShipConfirmRequest/Shipment/ShipFrom/Address	Yes	One	container	N/A	Ship from Address Container.	The package will be originating from or being shipped from this address. The shipment will be rated from this origin address to the destination ship to address..							
AddressLine	/ShipConfirmRequest/Shipment/ShipFrom/Address/AddressLine	Yes	One	string	1...35	The Ship from street address including name and number (when applicable).	Max Occurrence can be 3							
City	/ShipConfirmRequest/Shipment/ShipFrom/Address/City	Yes	One	string	1...30	The Ship from city.	Required if ShipFrom tag is in the XML.							



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
StateProvinceCode	/ShipConfirmRequest/Shipment/ShipFrom/Address/StateProvinceCode	Cond	One	string	2	Origin locations state or province code.	Required if ShipFrom tag is in the XML, and ShipFrom/Country is US. If ShipFrom country is US or CA, then the value must be a valid US State/Canadian Province code. If the country is Ireland, the StateProvinceCode will contain the county.							
PostalCode	/ShipConfirmRequest/Shipment/ShipFrom/Address/PostalCode	Cond	One	string	1..9	The ship from locations postal code.	Required if ShipFrom tag is in the XML and the ShipFrom country is the US, Puerto Rico. For US, Puerto Rico must be valid 5 or 9 digit postal code. The character - may be used to separate the first five digits and the last four digits. If the ShipFrom country is CA, then the postal code must be 6 alphanumeric characters whose format is A##A## where A is an uppercase letter and # is a digit. For all other countries the postal code is optional and must be no more than 9 alphanumeric characters long.							
CountryCode	/ShipConfirmRequest/Shipment/ShipFrom/Address/CountryCode	Yes	One	string	2	Origin locations country code.	Required if ShipFrom tag is in the XML. For Return Shipment the country code must meet the following conditions:1) At least two of the following country codes are the same: ShipTo, ShipFrom, and Shipper.2) None of the following country codes are the same and are a member of the EU: ShipTo, ShipFrom, and Shipper.3) None of the following country codes are the same and at least one of them is not a member of the EU, the shipper must have Third Country contract service: ShipTo, ShipFrom, and Shipper.							
PaymentInformation	/ShipConfirmRequest/Shipment/PaymentInformation	Cond	One	container	N/A	Payment information container for detailed shipment charges. The two shipment charges that are available for specification are Transportation charges and Duties and Taxes.	It is required for non-Ground Freight Pricing shipments only.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
ShipmentCharge	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge	Yes	One	Container	N/A	Shipment charge container	If Duty and Tax charges are applicable to a shipment and a payer is not specified, the default payer of Duty and Tax charges is Bill to Receiver.							
Type	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/Type	Yes	One	string	2	Values are 01 = Transportation, 02 = Duties and Taxes	A shipment charge type of 01 = Transportation is required. A shipment charge type of 02 = Duties and Taxes is not required; however, this charge type is invalid for Qualified Domestic Shipments. A Qualified Domestic Shipment is any shipment in which one of the following applies:1) The origin and destination country is the same2) US to PR shipment3) PR to US shipment4) The origin and destination country are both European Union Countries and the GoodsNotInFreeCirculation indicator is not present5) The origin and destination IATA code is the same							
BillShipper	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper	No	One	Container	N/A	Container for the BillShipper billing option. The two payment methods that are available for the Bill Shipper billing option are account number or credit card.	This element or its sibling element, BillReceiver, BillThirdParty or ConsigneeBilledIndicator, must be present but no more than one can be present.							
AccountNumber	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/AccountNumber	Cond	One	string	6	UPS account number	Must be the same UPS account number as the one provided in Shipper/ShipperNumber. Either this element or the sibling element CreditCard must be provided, but both may not be provided.							
CreditCard	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard	Cond	One	Container	N/A	Credit card information container	Required if /ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/AccountNumber is not present. Credit card payment is valid for shipments without return service only.	X						
Type	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Type	Yes*	One	string	2	Values are 01 = American Express, 03 = Discover, 04 = MasterCard, 05 = Optima, 06 = VISA, 07 = Bravo, and 08 = Diners Club	Valid values are: 01, 03, 04 and 06.For Discover card the ShipFrom country has to be US	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Number	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Number	Yes*	One	string	9...16	Credit Card number	N/A	X						
ExpirationDate	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/ExpirationDate	Yes*	One	string	6	Format is MMYYYY where MM is the 2 digit month and YYYY is the 4 digit year.	Valid month values are 01-12 and valid year values are Present Year - (Present Year + 10 years)	X						
SecurityCode	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/SecurityCode	Yes*	One	string	3..4	Three or four digits that can be found either on top of credit card number or on the back of credit card. Number of digits varies for different type of credit card.	Valid values are 3 or 4 digits. It is required to provide the security code if credit card information is provided and when the ShipFrom countries are other than the below mentioned countries. Argentina Bahamas Costa Rica Dominican Rep Guatemala Panama Puerto Rico Russia	X						
Address	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address	Cond	One	Container	N/A	Container to hold the Credit card Billing Address.	It is required to provide billing address if credit card information is provided and when the ShipFrom country is the US, PR, and CA.	X						
AddressLine	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/AddressLine	Yes*	One	string	1...35	Address Line 1 of the credit card billing address. Usually Street address information.	Max of three AddressLine can be provided.	X						
City	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/City	Yes*	One	string	1...30	City of the credit card billing address	N/A	X						
StateProvinceCode	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/StateProvinceCode	Yes*	One	string	2...5	State or province code of the credit card billing address.	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PostalCode	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/PostalCode	Yes*	One	string	1...9	Credit card billing addressee postal code.	N/A	X						
CountryCode	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillShipper/CreditCard/Address/CountryCode	Yes*	One	string	2	Credit card billing address country code.	Must be a valid UPS Billing country code. For Discover card it should be US	X						
BillReceiver	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillReceiver	Cond	One	container	N/A	Container for the BillReceiver billing option.	This element or its sibling element, BillShipper, BillThirdParty or Consignee Billed, must be present but no more than one can be present. For a return shipment, Bill Receiver is invalid for Transportation charges.	X						
AccountNumber	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillReceiver/AccountNumber	Yes*	One	string	6	The UPS account number.	The account must be a valid UPS account number that is active. For US, PR and CA accounts, the account must be a daily pickup account, an occasional account, a customer B.I.N account, or a dropper shipper account. All other accounts must be either a daily pickup account, an occasional account, a drop shipper account, or a non-shipping account	X						
Address	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillReceiver/Address	No	One	container	N/A	Container for additional information for the bill receivers UPS accounts address.	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PostalCode	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillReceiver/Address/PostalCode	Cond	One	string	0...9	The postal code for the UPS accounts pickup address. The pickup postal code was entered in the UPS system when the account was set-up.	The postal code must be the same as the UPS account pickup address postal code. Required for United States and Canadian UPS accounts and/or if the UPS account pickup address has a postal code. If the UPS accounts pickup country is US or Puerto Rico, the postal code is 5 or 9 digits. The character - may be used to separate the first five digits and the last four digits. If the UPS accounts pickup country is CA, the postal code is 6 alphanumeric characters whose format is A#A#A# where A is an uppercase letter and # is a digit.	X						
BillThirdParty	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty	Cond	One	container	N/A	Container for the third party billing option.	This element or its sibling element, BillShipper, BillReceiver or Consignee Billed, must be present but no more than one can be present.	X						
AccountNumber	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty/AccountNumber	Yes*	One	string	6	The UPS account number of the third party shipper.	The account must be a valid UPS account number that is active. For US, PR and CA accounts, the account must be either a daily pickup account, an occasional account, or a customer B.I.N account, or a drop shipper account. All other accounts must be either a daily pickup account, an occasional account, a drop shipper account, or a non-shipping account.	X						
Address	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty/Address	Yes	One	container	N/A	Container for additional information for the third party UPS accounts address.	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PostalCode	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty/Address/PostalCode	Cond	One	string	0..9	The postal code for the UPS accounts pickup address. The pickup postal code was entered in the UPS system when the account was set-up.	The postal code must be the same as the UPS account pickup address postal code. Required for United States and Canadian UPS accounts and/or if the UPS account pickup address has a postal code. If the UPS accounts pickup country is US or Puerto Rico, the postal code is 5 or 9 digits. The character - may be used to separate the first five digits and the last four digits. If the UPS accounts pickup country is CA, the postal code is 6 alphanumeric characters whose format is A#A#A# where A is an uppercase letter and # is a digit.							
CountryCode	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/BillThirdParty/Address/CountryCode	Yes	One	string	2	The country code for the UPS accounts pickup address.	N/A							
ConsigneeBilledIndicator	/ShipConfirmRequest/Shipment/PaymentInformation/ShipmentCharge/ConsigneeBilledIndicator	Cond	One	string	0	Consignee Billing payment option indicator. The presence indicates consignee billing option is selected. The absence indicates one of the other payment options is selected.	Empty Tag. This element or its sibling element, BillShipper, BillReceiver or BillThirdParty, must be present but no more than one can be present. This billing option is valid for a shipment charge type of Transportation only. Only applies to US/PR and PR/US shipment origins and destination.							
SplitDutyVATIndicator	/ShipConfirmRequest/Shipment/PaymentInformation/SplitDutyVATIndicator	No	One	String	0	Split Duty VAT Indicator. The presence indicates the payer specified for Transportation Charges will pay transportation charges and any duties that apply to the shipment. The payer specified for Duties and Taxes will pay the VAT (Value-Added Tax) only.	Empty Tag. The payment method for Transportation charges must be UPS account. The UPS account must be a daily pickup account or an occasional account.							
FRSPaymentInformation	/ShipConfirmRequest/Shipment/FRSPaymentInformation	Cond	One	Container	N/A	Container to hold the Payment information for the Ground Freight Pricing Shipments	Required for Ground Freight Pricing Shipments only	X						
Type	/ShipConfirmRequest/Shipment/FRSPaymentInformation/Type	Yes	One	String	N/A	Container to hold the Ground Freight Pricing payment type information	It is required if the request has Ground Freight Pricing shipment indicator	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Code	/ShipConfirmRequest/Shipment/FRSPaymentInformation/Type/Code	Yes	One	String	2	Valid codes:01=Prepaid02=FreightCollect03=PrepaidThirdParty		X						
Description	/ShipConfirmRequest/Shipment/FRSPaymentInformation/Type/Description	No	One	String	50	Specifies the description for Ground Freight Pricing payment type		X						
AccountNumber	/ShipConfirmRequest/Shipment/FRSPaymentInformation/AccountNumber	Yes	One	String	6	The UPS account number.	If the Ground Freight Pricing indicator is present in the request, This account number must be validated to check if it is Ground Freight Pricing enabled.	X						
Address	/ShipConfirmRequest/Shipment/FRSPaymentInformation/Address	Cond	One	Container	N/A	Container to hold the information for the FreightCollect and PrepaidThirdParty Address.	Note: The Address is required only when the billing option is Freight collect or ThirdParty.	X						
PostalCode	/ShipConfirmRequest/Shipment/FRSPaymentInformation/Address/PostalCode	Cond	One	String	0..9	The postal code for the Ground Freight Pricing payment information address.		X						
CountryCode	/ShipConfirmRequest/Shipment/FRSPaymentInformation/Address/CountryCode	Yes	One	String	2	The country code for the Ground Freight Pricing payment information address.		X						
GoodsNotInFreeCirculationIndicator	/ShipConfirmRequest/Shipment/GoodsNotInFreeCirculationIndicator	No	One	string	0	Goods Not In Free Circulation indicator.	Empty Tag. This indicator is invalid for a package type of UPS Letter and DocumentsOnly.							
ShipmentRatingOptions	/ShipConfirmRequest/Shipment/ShipmentsRatingOptions	No	One	container	N/A	ShipmentRatingOptions container	N/A							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
NegotiatedRatesIndicator	/ShipConfirmRequest/Shipment/ShipmentRatingOptions/NegotiatedRatesIndicator	No	One	String	0	Negotiated Rates option indicator. If the indicator is present and the Shipper is authorized then Negotiated Rates should be returned in the response.	The Shipper account and UserId combination must be qualified to receive Negotiated rates. If the indicator is present and the Shipper is qualified then Negotiated rates will be returned in the response. Only the Shipper account number taken from /ShipConfirmRequest/Shipment/Shipper/ShipperNumber is used when checking qualification for Negotiated rates.							
FRSSShipmentIndicator	/ShipConfirmRequest/Shipment/ShipmentRatingOptions/FRSSShipmentIndicator	No	One	String	0	Ground Freight Pricing Rates option indicator. If the Ground Freight Pricing Shipment indicator is enabled and Shipper number is authorized then Ground Freight Pricing rates should be returned in the response	The Shipper account number must be qualified to receive Ground Freight Pricing Shipment rates. Only the Shipper account number taken from /ShipConfirmRequest/Shipment/Ground Freight Pricing PaymentInformation/AccountNumber is used when checking qualification for Ground Freight Pricing rates.	X						
MovementReferenceNumber	/ShipConfirmRequest/Shipment/MovementReferenceNumber	No	One	String	18	Must contain alphanumeric characters only. Must be a length of 18 characters. The 3rd and 4th Characters must be the Shipper country ISO Code.								
ReferenceNumber	/ShipConfirmRequest/Shipment/ReferenceNumber	No	One	container	N/A	Reference Number information container.	N/A							
BarcodeIndicator	/ShipConfirmRequest/Shipment/ReferenceNumber/BarcodeIndicator	No	One	string	0	If the indicator is present then the reference numbers value will be bar coded on the label.	Empty Tag. Allowed for shipment with return service only. Only one shipment-level or package-level reference number can be bar coded per shipment. In order to barcode a reference number, its value must be no longer than 14 alphanumeric characters or 24 numeric characters and cannot contain spaces.		X					
Code	/ShipConfirmRequest/Shipment/ReferenceNumber/Code	No	One	string	2	Shipment Reference number type code. The code specifies the Reference name.	Valid if the origin/destination pair is not US/US or PR/PR2 character alpha-numeric.							
Value	/ShipConfirmRequest/Shipment/ReferenceNumber/Value	Yes*	One	string	1..35	Customer supplied reference number.	Valid if the origin/destination pair is not US/US or PR/PR							



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Service	/ShipConfirmRequest/Shipment/Service	Yes	One	container	N/A	UPS service type	N/A							
Code	/ShipConfirmRequest/Shipment/Service/Code	Yes	One	String	2	Values are: 01 = Next Day Air, 02 = 2nd Day Air, 03 = Ground, 07 = Express, 08 = Expedited, 11 = UPS Standard, 12 = 3 Day Select, 13 = Next Day Air Saver, 14 = Next Day Air Early AM, 54 = Express Plus, 59 = 2nd Day Air A.M., 65 = UPS Saver.82 = UPS Today Standard83 = UPS Today Dedicated Courier84 = UPS Today Intercity85 = UPS Today Express86 = UPS Today Express Saver. Note: Only service code 03 is used for Ground Freight Pricing shipments	The following Services are not available to return shipment:13 - Next Day Air Saver 14 - Next Day Air Early AM,59 - 2nd Day Air A.M.82 = UPS Today Standard83 = UPS Today Dedicated Courier84 = UPS Today Intercity85 = UPS Today Express86 = UPS Today Express Saver.							
Description	/ShipConfirmRequest/Shipment/Service/Description	No	One	string	1...35	Description of the service code. Examples are Next Day Air, Worldwide Express, and Ground.	N/A							
InvoiceLineTotal	/ShipConfirmRequest/Shipment/InvoiceLineTotal	Cond	One	Container	N/A	Container to hold InvoiceLineTotal Information.	Required for forward shipments whose origin is the US and destination is Puerto Rico or Canada. Not available for any other shipments. FOR OTHER DESTINATIONS the InvoiceLineTotal in the International Forms Container must be used.							
CurrencyCode	/ShipConfirmRequest/Shipment/InvoiceLineTotal/CurrencyCode	Yes*	One	string	3	Invoice Line Total currency type.								
MonetaryValue	/ShipConfirmRequest/Shipment/InvoiceLineTotal/MonetaryValue	Yes*	One	string	1...19	Invoice Line Total amount for the entire shipment.	Valid values are from 1 to 99999999							
ShipmentServiceOptions	/ShipConfirmRequest/Shipment/ServiceOptions	No	One	Container	N/A	Container for Shipment Service Option	N/A							
SaturdayDeliveryIndicator	/ShipConfirmRequest/Shipment/ServiceOptions/SaturdayDeliveryIndicator	No	One	String	0	Saturday delivery indicator. The presence indicates Saturday delivery; the absence indicates not Saturday delivery.	Empty Tag.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
COD	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/COD	No	One	Container	N/A	COD container	Indicates COD is requested. Shipment COD is only available for EU origin countries and for shippers account type Daily Pickup and Drop Shipping. Not available to shipment with return service.	X						
CODFundsCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/COD/CODFundsCode	Yes*	One	String	1	Values are: 1 = cash9 = check, cashiers check or money order - no cash allowed.	N/A	X						
CODAmount	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/COD/CODAmount	Yes*	One	Container	N/A	COD Amount Container.	N/A	X						
CurrencyCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/COD/CODAmount/CurrencyCode	Yes*	One	string	3	COD amount currency code type.	N/A	X						
MonetaryValue	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/COD/CODAmount/MonetaryValue	Yes*	One	string	1..8	COD Amount monetary value.		X						
Notification	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification	No	One	Container	N/A	Container for the Quantum View TM notification (QVN) (valid for shipment without return service) or Return Notification (valid for shipment with UPS 1-Attempt and UPS 3-Attempt Return Services).	N/A							
NotificationCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/NotificationCode	Yes*	One	String	1	The type of notification requested. Valid Value:6 - QVN Ship Notification 7 - QVN Exception Notification8 - QVN Delivery Notification2- Return Notification. Note: QVN Exception notification and return notification are not applicable to Ground Freight Pricing	Quantum View TM Notification (QVN) is only allowed for shipment without return service; Return Notification is only for allowed return service 1-Attempt and 3-Attempt							
Email	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/Email	Yes*	One	Container	N/A	Container for Email Information	N/A							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
EMailAddress	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/EMail/EMailAddress	Yes	One	String	1...50	Email address where the notification is sent	Up to five email addresses are allowed for each type of Quantum View TM shipment notification. Up to two email address for return notification.							
UndeliverableEMailAddress	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/EMail/UndeliverableEMailAddress	No	One	String	1...50	The address where an undeliverable eMail message is sent if the eMail with the notification is undeliverable.	There can be only one UndeliverableEMailAddress for each type of Quantum View Shipment Notifications.							
FromEMailAddress	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/EMail/FromEMailAddress	Cond	One	String	1...50	The e-mail address specifies the Reply To E-mail address. The From field of the message header contains pkginfo@ups.com.	Return Notification only.							
FromName	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/EMail/FromName	No	One	string	1...35	The name the email will appear to be from. Defaults to the Shipper Name.	The FromName must occur only once for each type of Quantum View Shipment Notifications.							
Memo	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/EMail/Memo	No	One	string	1...150	User defined text that will be included in the eMail.	The Memo must occur only once for each type of Quantum View Shipment Notifications.							
Subject	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/EMail/Subject	No	One	string	1...75	The eMail's subject. Defaults to text provided by UPS	Return Notification only.		X					
SubjectCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/Notification/EMail/SubjectCode	No	One	string	2	Specifies a reference code and reference number to display in the subject of the Notification. The valid subject codes are:01 - Shipment Reference Number 102 - Shipment Reference Number 203 - package Reference Number 104 - package Reference Number 208 - Subject Text (Return Notification only)If a subject code is not provided or provided that refers to a nonexistent reference number, the subject will default to shipment Identification Number	For return notification: If the subject code tag is not provided and the subject text is provided, the subject of the notification will be the subject text. If the subject text is provided and the subject code tag exists, then the subject code value must be 08. If Subject code is 08, subject text must exist.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
LabelDelivery	/ShipConfirmRequest/Shipment/ServiceOptions/LabelDelivery	No	One	Container	N/A	Container for the Label Delivery accessorial. Note: Currently Label delivery accessorial is not applicable to Ground Freight Pricing	Valid for shipments with a Electronic Return Label Return Service.		X					
EMail	/ShipConfirmRequest/Shipment/ServiceOptions/LabelDelivery/EMail	No	One	container	N/A	Container for the email message.	N/A		X					
EMailAddress	/ShipConfirmRequest/Shipment/ServiceOptions/LabelDelivery/EMail/EMailAddress	Yes*	One	string	1...50	The destination eMail address for the Label Delivery.	N/A		X					
UndeliverableEMailAddress	/ShipConfirmRequest/Shipment/ServiceOptions/LabelDelivery/EMail/UndeliverableEMailAddresses	No	One	string	1...50	The address where an undeliverable email message is sent if the Label Delivery email is undeliverable.	Defaults to FromEMailAddress.		X					
FromEMailAddress	/ShipConfirmRequest/Shipment/ServiceOptions/LabelDelivery/EMail/FromEMailAddress	Yes*	One	string	1...50	The e-mail address specifies the Reply To E-mail address. The From field of the message header contains pkginfo@ups.com.	N/A		X					
FromName	/ShipConfirmRequest/Shipment/ServiceOptions/LabelDelivery/EMail/FromName	No	One	String	1...35	The name notification will appear to be from. Defaults to the Shipper Name	N/A		X					
Memo	/ShipConfirmRequest/Shipment/ServiceOptions/LabelDelivery/EMail/Memo	No	One	string	1..150	User defined text that will be included in the email.	N/A		X					
Subject	/ShipConfirmRequest/Shipment/ServiceOptions/LabelDelivery/EMail/Subject	No	One	string	1...75	The eMail's subject. Defaults to the Label Delivery Notification plus the shipment ID. Defaults to text provided by UPS	N/A		X					

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
SubjectCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/LabelDelivery/EMail/SubjectCode	No	One	string	2	1. Specifies a reference code and reference number to display in the subject of the Label Delivery notification. When the subject code is provided, the subject will contain the following: UPS Label Delivery. The reference code (the reference code will be mapped to the corresponding ANSI value) Plus the reference number.	If the subject code tag is not provided and the subject text is provided, the subject of the notification will be the subject text. If the subject text is provided, and the subject code tag exists, then the subject code value must be 08;If Subject code is 08, subject text must exist. If a subject code is provided that refers to a nonexistent reference number, the subject will default to the shipment identification number.		X					
InternationalForms	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms	No	One	Container	N/A	International Forms information	REFER TO InternationalForms Interface Spec for the expansion of this node.							
FormType	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/FormType	*Yes to Four	One	string	2	Indicates the name of the International form requested.	Possible Values are 01 - Invoice 02 - SED 03 - CO 04 - NAFTA CO 05 - Partial Invoice. For shipment with return service, 01 or 05 are the only valid values. Note: 01 and 05 are mutually exclusive and 05 is only valid for return shipments only.			Req	Req	Req	Req	Req
AdditionalDocumentIndicator	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/AdditionalDocumentIndicator	No	One	string	0	Presence of the indicator means user will supply additional document, such as SED, NAFTA_CO or CO.	This indicator should be set when the shipper intends to utilize UPS paperless invoice functionality AND the shipper has SELF-PREPARED other International Forms (SED, CO, NAFTA_CO) to accompany the shipment. It is evaluated only when: 1. Account is paperless enabled. 2. Movement requires an invoice. 3. Destination country accepts paperless invoice. 4. Invoice data is supplied by the client and the data passes validation.			Opt	Opt	Opt	Opt	0
FormGroupIdName	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/FormGroupIdName	No	One	string	50	Contains description text which identifies the group of International forms. This element does not appear on the forms.				N/A	N/A	N/A	N/A	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
SEDFilingOption	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/SEDFilingOption	Cond	One	string	2	Indicates the SED filing option. If UPS files SED on shippers behalf, there is additional \$10 charge to the shipper - Do not include in Developers Guide.	Applicable for SED form and is required. Valid values is:01 - Shipper filing SED02 - UPS filing SED on Shippers behalf - Do not include in Developers Guide.			N/A	N/A	N/A	Req	N/A
Contacts	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts	Cond	One	Container		Holds the contact information of various parties.	Applicable for SED form and NAFTA CO only. Required for NAFTA CO and SED. Ultimate consignee contact information is required for SED. Producer contact information is required for NAFTA CO			N/A	N/A	N/A	Opt	N/A
ForwardAgent	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent	No	One	Container		The forwarding agent is the company or person acting as agent in the trans-shipping of freight to the destination country.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
CompanyName	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/CompanyName	*Yes	One	string	1...35	Company Name or the Individual name of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
TaxIdentificationNumber	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/TaxIdentificationNumber	*Yes	One	string	1...15	Tax ID of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5b	N/A
Address	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address	*Yes	One	Container		Address information of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
AddressLine	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/AddressLine	*Yes	One	string	1...35	Address line of the Forwarding agent.	Max Occurrence must be 3			N/A	N/A	N/A	Cond Req Sec 5a	N/A
City	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/City	*Yes	One	string	1...30	City of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
StateProvinceCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/StateProvinceCode	Cond	One	string	1...5	State of the Forwarding agent.	Applicable for SED form only. Required for certain countries.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
Town	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/Town		One	String						N/A	N/A	N/A	Cond Req Sec 5a	N/A
PostalCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/PostalCode	Cond	One	string	1...9	Postal code of the Forwarding agent.	Applicable for SED form only. Required for certain countries. The length of the postal code depends on the country code.			N/A	N/A	N/A	Cond Req Sec 5a	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CountryCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/ForwardAgent/Address/CountryCode	*Yes	One	string	2	Country code of the Forwarding agent.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 5a	N/A
UltimateConsignee	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee	Cond	One	Container		The ultimate consignee is the person or company who receives the goods for end-use or the person or company listed on the export license. This is the end-user of the goods.	Applicable for SED form only. Required when the form requested is SED.			N/A	N/A	N/A	Req Sec 4a	N/A
CompanyName	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/CompanyName	*Yes	One	string	1...35	Company Name or the Individual name of the Ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Req Sec	N/A
Address	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address	*Yes	One	Container		Address information of the Ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Req Sec 4a	N/A
AddressLine	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/AddressLine	*Yes	One	string	1...35	Address line of the Ultimate consignee.	Max Occurrence must be 3			N/A	N/A	N/A	Req Sec 4a	N/A
City	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/City	*Yes	One	string	1...30	City of the Ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4a	N/A



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
StateProvinceCode	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/StateProvinceCode	Cond	One	string	1...5	State of the Ultimate consignee.	Applicable for SED form only. Required for certain countries			N/A	N/A	N/A	Req Sec 4a	N/A
Town	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/Town		One	String						N/A	N/A	N/A	Req Sec 4a	N/A
PostalCode	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/PostalCode	Cond	One	String	1...9	Postal code of the Ultimate consignee.	Applicable for SED form only. Required for certain countries. The length of the postal code depends on the country code.			N/A	N/A	N/A	Req Sec 4a	N/A
CountryCode	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/UltimateConsignee/Address/CountryCode	*Yes	One	String	2	Country code of the Ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Req Sec 4a	N/A
IntermediateConsignee	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/IntermediateConsignee	No	One	Container		The intermediate consignee is the person or company in the importing country that makes final delivery to the ultimate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Opt Sec 4b	N/A
CompanyName	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/IntermediateConsignee/CompanyName	*Yes	One	string	1...35	Company Name or the Individual name of the Intermediate consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4b	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
Address	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address	*Yes	One	Container		Address information of the Intermediate Consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
AddressLine	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/AddressLine	*Yes	One	string	1...35	Address line of the Intermediate Consignee.	Max Occurrence must be 3			N/A	N/A	N/A	Cond Req Sec 4b	N/A
City	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/City	*Yes	One	string	1...30	City of the Intermediate Consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
StateProvinceCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/StateProvinceCode	Cond	One	string	1...5	State of the Intermediate Consignee.	Applicable for SED form only. Required for certain countries.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
Town	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/Town		One	String						N/A	N/A	N/A	Cond Req Sec 4b	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
PostalCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/PostalCode	Cond	One	string	1...9	Postal code of the Intermediate Consignee.	Applicable for SED form only. Required for certain countries. The length of the postal code depends on the country code.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
CountryCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/IntermediateConsignee/Address/CountryCode	*Yes	One	string	2	Country code of the Intermediate Consignee.	Applicable for SED form only.			N/A	N/A	N/A	Cond Req Sec 4b	N/A
Producer	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer	Cond	One	Container		Information of the producer. The NAFTA Certificate of Origin must be completed, signed, and dated by the exporter. When the Certificate is completed by the producer for use by the exporter, it must be completed, signed, and dated by the producer. The date must be the date the Certificate was completed and signed.	Applies to NAFTA CO. Required for NAFTA CO forms			N/A	N/A	N/A	N/A	N/A
Option	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Option	No	One	string	2	The text associated with the code will be printed in the producer section instead of producer contact information. Use attached List if more than one producers good is included on the Certificate, attach a list of additional producers, including the legal name, address (including country), and legal tax identification number, cross-referenced to the goods described in the Description of Goods field.	Applies to NAFTA CO. Possible Values are:01: AVAILABLE TO CUSTOMS UPON REQUEST, 02: SAME AS EXPORTER, 03: ATTACHED LIST, 04: UNKNOWN			N/A	N/A	N/A	N/A	N/A
CompanyName	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/CompanyName	Cond	One	string	1...35	Company Name or the Individual name of the Producer.	Applies to NAFTA CO. Only applicable when producer option is empty or not present. Conditionally required for: NAFTA CO, when Producer option is not specified.			N/A	N/A	N/A	N/A	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
TaxIdentificationNumber	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/TaxIdentificationNumber	No	One	string	1...15	Tax ID of the Producer.	Applies to NAFTA CO. Only applicable when producer option is empty or not present			N/A	N/A	N/A	N/A	N/A
Address	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Addresses	Cond	One	Container		Address information of the Producer.	Applies to NAFTA CO. Only applicable if producer option is empty or not present. Conditionally required for: NAFTA CO, when Producer option is not specified.			N/A	N/A	N/A	N/A	N/A
AddressLine	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Addresses/AddressLine	*Yes	One	string	1...35	Address line of the Producer.	Max Occurrence must be 3			N/A	N/A	N/A	N/A	N/A
City	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Addresses/City	*Yes	One	string	1...30	City of the Producer.	Applies to NAFTA CO. Conditionally required for: NAFTA CO, when Producer option is not specified.			N/A	N/A	N/A	N/A	N/A
StateProvinceCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Addresses/StateProvinceCode	Cond	One	string	1...5	State of the Producer.	Applies to NAFTA CO. Required for certain countries			N/A	N/A	N/A	N/A	N/A
Town	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Addresses/Town		One	String						N/A	N/A	N/A	N/A	N/A
PostalCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Addresses/PostalCode	Cond	One	string	1...9	Postal code of the Producer.	Applies to NAFTA CO. Required for certain countries. The length of the postal code depends on the country code.			N/A	N/A	N/A	N/A	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CountryCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/Producer/Addresses/CountryCode	*Yes	One	string	1..2	Country code of the Producer.	Applies to NAFTA CO			N/A	N/A	N/A	N/A	N/A
SoldTo	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/SoldTo	No	One	container	N/A	SoldTo Container.								
Name	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/SoldTo/Name	Yes*	One	string	1..35	Company Name.								
AttentionName	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/SoldTo/AttentionName	Yes*	One	string	1..35	Contact Name.								
TaxIdentificationNumber	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/SoldTo/TaxIdentificationNumber	No	One	string	1..15	SoldTo Tax Identification Number								
Phone	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/SoldTo/Phone	No	One	container	N/A	Phone Container								
Number	/ShipConfirmRequest/Shipment/Shipments/ServiceOptions/InternationalForms/Contacts/SoldTo/Phone/Number	Yes*	One	string	1..15	Sold To contacts phone number.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Extension	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Phone/Extension	No	One	string	?	Sold To contacts phone extension.								
Option	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Option	No	One	string	2	The text associated with the code will be printed in the sold to section of the NAFTA CO form. The values indicate the following 01 - Unknown 02 - Various	Applies to NAFTA CO form. Possible Values are 01 and 02							
Address	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address	Yes*	One	container	N/A	Address Container.								
AddressLine	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/AddressLine	Yes	One	string	35	SoldTo locations street address.	Max Occurrence must be 3							
City	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/City	Yes	One	string	30	SoldTo locations city.								
StateProvince Code	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/StateProvinceCode	Cond	One	string	5	SoldTo locations state or province code.	Required for certain countries.							
Town	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/Town	No	One	string	?	SoldTo locations town code.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
PostalCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/PostalCode	Cond	One	string	10	SoldTo locations postal code.								
CountryCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Contacts/SoldTo/Address/CountryCode	Yes	One	string	2	SoldTo locations country code.								
Product	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product	*Yes to fifty	One	Container		Contains the commodity/ product information	Applies to SED, Invoice, Partial Invoice, CO and NAFTA CO. When any International form is requested Product must be present at least once but no more than 50. Note: For Partial Invoice this container is optional.			Req	Req	Req	Req	Opt
Description	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Description	*Yes	One	string	1...35	Description of the product.	Applies to all International Forms. Optional for Partial Invoice. Must be present at least once and can occur for a maximum of 3 times			Req	Req	Req	Req	Opt
Unit	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit	Cond	One	Container		Container tag for the unit's information of each product. (also called as commodity)	Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt
Number	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/Number	*Yes	One	string	1...7	Total quantity of each commodity to be shipped, measured in the units specified in the Unit of Measure field	Required for Invoice forms and optional for Partial Invoice. Must be numeric. Valid characters are 0-9.			N/A	N/A	N/A	N/A	Opt
UnitOfMeasurement	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/UnitOfMeasurement	*Yes	One	Container		Container tag for the Unit of measurement for the commodity.	Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Code	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/UnitOfMeasurement/Code	*Yes	One	string	1... 3	Code for the Unit of measurement of the commodity units.	Required for Invoice forms and optional for Partial Invoice. Valid entries are: BA = Barrel, BE = Bundle, BG = Bag, BH = Bunch, BOX = Box, BT = Bolt, BU = Butt, CI = Canister, CM = Centimeter, CON = Container , CR = Crate, CS = Case, CT = Carton, CY = Cylinder, DOZ = Dozen, EA = Each, EN = Envelope, FT = Feet, KG = Kilogram, KGS = Kilograms, LB = Pound, LBS = Pounds, L = Liter, M = Meter, NMB = Number, PA = Packet, PAL = Pallet, PC = Piece, PCS = Pieces, PF = Proof Liters, PKG = Package , PR = Pair, PRS = Pairs, RL = Roll, SET = Set, SME = Square Meters, SYD = Square Yards, TU = Tube, YD = Yard, OTH = Other.			N/A	N/A	N/A	N/A	Opt
Description	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/UnitOfMeasurement/Description	Cond	One	string	1..3	The Unit of Measure if OTH (Other) is entered as the UnitOfMeasurement code.	Applies to Invoice and Partial Invoice forms. Conditionally Required for the Invoice and Partial Invoice form if OTH is entered as the units UnitOfMeasurement code			N/A	N/A	N/A	N/A	Cond Req Sec 5b
Value	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Unit/Value	*Yes	One	string	1...12	Monetary amount used to specify the worth or price of the commodity. Amount should be greater than zero	Applies to Invoice and Partial Invoice form. Required for Invoice forms and optional for Partial Invoice. Amount should be greater than zero. Valid characters are 0-9 and .(Decimal point). Limit to 6 digits after the decimal. The maximum length of the field is 12 including . and can hold up to 6 decimal places.(#####.#####, #####.#####, #####.####, #####.###, #####.##,#####.#,#####)The value of this product and the other products should be such that the invoice line total which is the sum of ( number*values) of all products should not exceed 99999999999999.99			N/A	N/A	N/A	N/A	Opt



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CommodityCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/CommodityCode	Cond	One	string	6...15	6-to-15-alphanumeric commodity code. Customs uses this code to determine what duties should be assessed on the commodity.	Applies to Invoice, Partial Invoice and NAFTA CO. Required for NAFTA CO and optional for Partial Invoice. Should be at least 6 alphanumeric. For NAFTA CO: For each good described in Description of Goods field, identify the H.S. tariff classification to six digits. If the good is subject to a specific rule of origin in Annex 401 that requires eight digits, identify to eight digits, using the H.S. tariff classification of the country into whose territory the good is imported.			N/A	N/A	N/A	N/A	Opt
PartNumber	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/PartNumber	No	One	string	1...10	The part number or reference number for the product contained in the invoice line, as indicated on the customs invoice.	Applies to Invoice and Partial Invoice. Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt
OriginCountryCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/OriginCountryCode	Cond	One	string	2	The country in which the good was manufactured, produced, or grown. For detailed information on country of origin, certificate of origin, rules of origin, and any related matters, please refer to the U.S. Customs and Border Protection Web site at <a href="http://www.customs.gov">www.customs.gov</a> or contact your country's Customs authority.	Applies to Invoice, Partial Invoice, CO and NAFTA CO. Required for Invoice and CO forms. Optional for Partial Invoice. Conditionally required for NAFTA CO if JointProductionIndicator is not present. For all other originating goods exported to Canada, indicate appropriately MX or US if the goods originate in that NAFTA country, within the meaning of the NAFTA Rules of Origin Regulations, and any subsequent processing in the other NAFTA country does not increase the transaction value of the goods by more than seven percent; otherwise use the JointProductionIndicator for joint production.			Req	Req	Req	N/A	Opt
JointProductionIndicator	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/JointProductionIndicator	No	One	EMPTY		If present, JNT will be used as the origin of country code on the NAFTA form and the Product/OriginCountryCode tag will be ignored.	Applies to NAFTA CO only			N/A	N/A	N/A	N/A	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
NetCostCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/NetCostCode	Cond	One	string	2	For each good described in the Description of Goods field, where the good is subject to a regional value content (RVC) requirement, indicate NC if the RVC is calculated according to the net cost method; otherwise, indicate NO.	Applies to NAFTA CO only. Required for NAFTA CO. Possible Values:NCNO			N/A	N/A	N/A	N/A	N/A
NetCostDateRange	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/NetCostDateRange	Optional	One	Container		Date Range for regional value content (RVC)	Applies to NAFTA CO only.			N/A	N/A	N/A	N/A	N/A
BeginDate	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/NetCostDateRange/BeginDate	*Yes	One	string	8	If the RVC is calculated over a period of time, it should be identified by the begin date (yyyyMMdd) of that period. (Reference: Articles 402.1, 402.5).	Applies to NAFTA CO only. Format is yyyyMMdd			N/A	N/A	N/A	N/A	N/A
EndDate	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/NetCostDateRange/EndDate	*Yes	One	string	8	If the RVC is calculated over a period of time, it should be identified by the End date (yyyyMMdd) of that period. (Reference: Articles 402.1, 402.5).	Applies to NAFTA CO only. Format is yyyyMMdd			N/A	N/A	N/A	N/A	N/A
PreferenceCriteria	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/PreferenceCriteria	Cond	One	string	1	Indicates the criterion (A through F) for each good described in the Description of Goods field if applicable. Do not put in developers guide: The rules of origin are contained in Chapter Four and Annex 401. Additional rules are described in Annex 703.2 (certain agricultural goods), Annex 300-B, Appendix 6 (certain textile goods) and Annex 308.1 (certain automatic data processing goods and their parts).	Applicable for NAFTA CO and is required. Possible Values: ABCDEF.			N/A	N/A	N/A	N/A	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
ProducerInfo	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/Product/ProducerInfo	Cond	One	string	3 Or 5	Indicate the following: Yes - If shipper is the producer of the good. If not, state 02, 03, and 04 depending on whether this certificate was based upon: No[1] - Knowledge of whether the good qualifies as an originating good. No[2] - Reliance on the producers written representation (other than a Certificate of Origin) that the good qualifies as an originating good. No[3] - A completed and signed Certificate for the good voluntarily provided to the exporter by the producer.	Applicable for NAFTA CO and is required. Possible Values: Yes, No[1] , No[2] , or No[3]			N/A	N/A	N/A	N/A	N/A
MarksAndNumbers	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/Product/MarksAndNumbers	No	One	string	1..35	Any special marks, codes, and numbers that may appear on package	Applies to CO Only			Opt Sec 2a	Opt Sec 2a	Opt Sec 2a	N/A	N/A
NumberOfPackagesPerCommodity	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/Product/NumberOfPackagesPerCommodity	Cond	One	string	1..3	The total number of packages, cartons, or containers for the commodity	Applicable for CO and is required. Should be numeric. Valid characters are 0 -9.			Req Sec 2b	Req Sec 2b	Req Sec 2b	N/A	N/A
ProductWeight	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/Product/ProductWeight	Cond	One	Container		The shipping weight, including containers, for each commodity with a separate Harmonized Tariff Code / Schedule B Number. This weight does not include carrier equipment.	Applies to CO and SED forms only. Required for CO and SED forms.			Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A
UnitOfMeasurement	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/Product/ProductWeight/UnitOfMeasurement	*Yes	One	Container		Container tag for the Unit of Measurement of weight	Applies to CO and SED forms only			Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A
Code	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/Product/ProductWeight/UnitOfMeasurement/Code	*Yes	One	string	3	Code for unit of Measurement of weight	Applies to CO and SED forms only. Possible values :KGS, LBS			Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
Description	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/UnitOfMeasurement/Description		One	String						Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A
Weight	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/Weight/Weight	*Yes	One	string	1...5	Weight	Applies to CO and SED forms only. Valid characters are 0-9 and .(Decimal point). Limit to 1 digit after the decimal. The maximum length of the field is 5 including . and can hold up to 1 decimal place.			Req Sec 2c	Req Sec 2c	Req Sec 2c	Req Sec 24	N/A
VehicleID	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/VehicleID	No	One	string	1...25	Includes the following information for used self-propelled vehicles as defined in Customs regulations 19 CFR 192.1: The unique Vehicle Identification Number (VIN) in the proper format. Or The Product Identification Number (PIN) for those used self-propelled vehicles for which there are no VINs. Or, The Vehicle Title Number.	Applies to SED forms only			N/A	N/A	N/A	Opt Sec 25	N/A
ScheduleB	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ScheduleB	Cond	One	Container		Container tag for the schedule B information of a commodity	Applies to SED forms only. Required for SED form			N/A	N/A	N/A	Req Sec 22	N/A
Number	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ScheduleB/Number	*Yes	One	string	10	A unique 10-digit commodity classification code for the item being exported. (To classify a commodity access the following Web page: <a href="http://www.census.gov/foreign-trade/schedules/b/#search">http://www.census.gov/foreign-trade/schedules/b/#search</a> ).	Applies to SED forms only. Has to be 10 characters.			N/A	N/A	N/A	Req Sec 22	N/A
Quantity	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ScheduleB/Quantity	Cond	One	string	1...10	The count of how many Schedule B units of the current good are in the shipment (SED only).For example, if the Schedule B unit of measure is dozens and eight dozen, is being shipped, indicate 8 in this field.	Applies to SED forms only. Conditionally required for SED forms if ScheduleB UnitOfMeasurement is not X. Should be Numeric. Valid characters are 0 -9.			N/A	N/A	N/A	Cond Req Sec 23	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
UnitOfMeasurement	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ScheduleB/UnitOfMeasurement	*Yes	One	Container		The unit of measure indicated on the Export License.	Applies to SED forms only.			N/A	N/A	N/A	Req Sec 23?	N/A
Code	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ScheduleB/UnitOfMeasurement/Code	*Yes	One	string	1..3	The unit of measure indicated on the Export License. Enter an X if there is no unit of measure in the Schedule B Unit field.	Applies to SED forms only. Required for the SED form. Possible Values: BBL: Barrels, CAR: Carat, CKG: Content Kilogram, CM2: Square Centimeters, CTN: Content Ton, CUR: Curie, CYK: Clean Yield Kilogram, DOZ: Dozen, DPC: Dozen Pieces, DPR: Dozen Pairs, FBM: Fiber Meter, GCN: Gross Containers, GM: Gram, GRS: Gross, HUN: Hundred, KG: Kilogram, KM3: 1,000 Cubic Meters, KTS: Kilogram Total Sugars, L: Liter, M: Meter, M2: Square Meters, M3: Cubic Meters, MC: Millicurie, NO: Number, PCS: Pieces, PFL: Proof Liter, PK: Pack, PRS: Pairs, RBA: Running Bales, SQ: Square, T: Ton, THS: 1,000, X: No Quantity required.			N/A	N/A	N/A	Req Sec 23?	N/A
Description	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ScheduleB/UnitOfMeasurement/Description		One	String						N/A	N/A	N/A	Req Sec 23?	N/A
ExportType	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Product/ExportType	Cond	One	string	1	Code indicating Domestic: Exports that have been produced, manufactured, or grown in the United States or Puerto Rico. This includes imported merchandise which has been enhanced in value or changed from the form in which imported by further manufacture or processing in the United States or Puerto Rico. Foreign: Merchandise that has entered the United States and is being exported again in the same condition as when imported. ForeignMilitary: Exported merchandise that is sold under the foreign military sales program.	Applies to SED forms only. Required for SED form. Possible Values: D: Domestic, F: Foreign, M: Foreign Military.			N/A	N/A	N/A	Req Sec 21	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
SEDTotValue	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/Product/SEDTotValue	Cond	One	string	1...15	The value of the S.E.D. commodity contained on the S.E.D. This amount will always be USD.	Applies to SED forms only. Required for SED form. Valid characters are 0-9 and .(Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including . and can hold up to 2 decimal places. Note: This value is calculated based on the Product/Unit/Value and /Product/Unit/Number (Number of Units * Price per Unit). If the total value is incorrect it will be replaced by the actual calculated total value.			N/A	N/A	N/A	Req Sec 26	N/A
InvoiceNumber	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/InvoiceNumber	No	One	string	1...35	Commercial Invoice number assigned by the exporter	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt Sec 3
InvoiceDate	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/InvoiceDate	Cond	One	string	8	Date when the Invoice is created. Ideally this is the same as the ship date.	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Required for Invoice form for forward shipments. For shipment with return service, the user input will be ignored, and the field will be blank on the invoice. Format is yyyyMMdd			N/A	N/A	N/A	N/A	Opt Sec 3
PurchaseOrderNumber	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/PurchaseOrderNumber	No	One	string	1...35	The customers order reference number	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt Sec 3
TermsOfShipment	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/TermsOfShipment	No	One	string	3	Indicates the rights to the seller from the buyer.	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Possible values are: CFR: Cost and Freight, CIF: Cost, Insurance and Freight, CIP: Carriage and Insurance Paid, CPT: Carriage Paid To. DAF: Delivered at Frontier, DDP: Delivery Duty Paid, DDU: Delivery Duty Unpaid, DEQ: Delivered Ex Quay, DES: Delivered Ex Ship, EXW: Ex Works, FAS: Free Alongside Ship, FCA: Free Carrier, FOB: Free On Board.			N/A	N/A	N/A	N/A	Opt Sec 3

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ReasonForExport	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/ReasonForExport	Cond	One	string	1...20	reason to export the current international shipment. Possible values: SALE,GIFT,SAMPLE, RETURN, REPAIR, INTERCOMPANYDATA, Any other reason	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and Optional for Partial Invoice. No validation			N/A	N/A	N/A	N/A	O Sec 3
Comments	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Comments	No	One	string	1...150	Any extra information about the current shipment	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice.			N/A	N/A	N/A	N/A	Opt Sec 6
DeclarationStatement	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/DeclarationStatement	No	One	string	1...250	This is the legal explanation, used by Customs, for the delivering of this shipment. It must be identical to the set of declarations actually used by Customs. Examples of declarations that might be entered in this field are: I hereby certify that the goods covered by this shipment qualify as originating goods for purposes of preferential tariff treatment under the NAFTA.I hereby certify that the information on this invoice is true and correct and the contents and value of this shipment is as stated above. EEA statement: The exporter of the products covered by this document declares that except where otherwise clearly indicated these products are of EEA preferential origin.	Applies to Invoice and Partial Invoice forms only. On the invoice for return shipment, the verbiage is as follows (user input is ignored): The exporter of the products covered by this document declares that except where otherwise clearly indicated these products are of EEA preferential origin			N/A	N/A	N/A	N/A	Opt Sec 7
Discount	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Discount	No	One	Container		Container tag that holds the discount.	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	Opt Sec 8b
MonetaryValue	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/Discount/MonetaryValue	*Yes	One	string	15	The discount to be subtracted from the sum of the total value on the invoice.	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Valid characters are 0-9 and .(Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including . and can hold up to 2 decimal places. This value should be greater than or equal to zero or less than or equal to the value of all goods listed on the invoice.			N/A	N/A	N/A	N/A	Opt Sec 8b

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
FreightCharges	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/FreightCharges	No	One	Container		Container tag that holds the Freight Charges	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	O Sec 8d
MonetaryValue	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/FreightCharges/MonetaryValue	*Yes	One	string	0...15	Cost to transport the shipment	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Valid characters are 0-9 and .(Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including . and can hold up to 2 decimal places.			N/A	N/A	N/A	N/A	Opt Sec 8d
InsuranceCharges	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/InsuranceCharges	No	One	Container		Container tag that holds the Insurance Charges	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	Opt Sec 8e
MonetaryValue	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/InsuranceCharges/MonetaryValue	*Yes	One	string	0...15	The amount the shipper or receiver pays to cover the cost of replacing the shipment if it is lost or damaged	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Valid characters are 0-9 and .(Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including . and can hold up to 2 decimal places.			N/A	N/A	N/A	N/A	Opt Sec 8e
OtherCharges	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/OtherCharges	No	One	Container		Container tag that holds the information of amount that covers additional charges not already listed on the invoice	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	Opt Sec 8f
MonetaryValue	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/OtherCharges/MonetaryValue	*Yes	One	string	0...15	The Monetary value of Other Charges	Applies to Invoice and Partial Invoice forms only. Required for Invoice forms and optional for Partial Invoice. Valid characters are 0-9 and .(Decimal point). Limit to 2 digit after the decimal. The maximum length of the field is 15 including . and can hold up to 2 decimal places.			N/A	N/A	N/A	N/A	Opt Sec 8f
Description	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/OtherCharges/Description	*Yes	One	string	1...10	Description of what the other charges are for.	Applies to Invoice and Partial Invoice forms only. Required for Complete Invoice and Optional for Partial Invoice forms.			N/A	N/A	N/A	N/A	Opt Sec 8f?



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CurrencyCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/CurrencyCode	Cond	One	string	3	Currency code for all the monetary values of the Invoice form	Applies to Invoice and Partial Invoice forms only.			N/A	N/A	N/A	N/A	O Sec 8g
BlanketPeriod	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/BlanketPeriod	Cond	One	Container		This field should be entered if the NAFTA Certificate covers multiple shipments of identical goods as described in the Description of Goods field that are imported into a NAFTA country for a specified period of up to one year (the blanket period). The importation of a good for which preferential treatment is claimed based on this certificate must occur between these dates.	Applies to NAFTA CO form only. Required for NAFTA CO.			N/A	N/A	N/A	N/A	N/A
BeginDate	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/BlanketPeriod/BeginDate	*Yes	One	string	8	Begin date of the blanket period. It is the date upon which the Certificate becomes applicable to the good covered by the blanket Certificate (it may be prior to the date of signing this Certificate).	Applies to NAFTA CO form only. Required for NAFTA CO. Format is yyyyMMdd			N/A	N/A	N/A	N/A	N/A
EndDate	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/BlanketPeriod/EndDate	*Yes	One	string	8	End Date of the blanket period. It is the date upon which the blanket period expires.	Applies to NAFTA CO form only. Required for NAFTA CO. Format is yyyyMMdd			N/A	N/A	N/A	N/A	N/A
ExportDate	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/ExportDate	Cond	One	string	8	The date the goods will be exiting the country	Applies to CO and SED forms only. Required for CO and SED forms. Format is yyyyMMdd			Req Sec 1c	Req Sec 1c	Req Sec 1c	Req Sec 2	N/A
ExportingCarrier	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/ExportingCarrier	Cond	One	string	1...35	The name of the carrier that is exporting the shipment. The vessels flag number should also be entered, if the carrier is a vessel.	Applies to CO and SED forms only. Required for CO and SED forms.			Req Sec 1c?	Req Sec 1c?	Req Sec 1c?	Req Sec 10	N/A
CarrierID	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/CarrierID	No	One	string	1...17	The four-character Standard Carrier Alpha Code (SCAC) for vessel, rail, and truck shipments. For air shipment, enter the two or three character International Air Transport Association (IATA) code	Applies to SED forms only. No Validations.			N/A	N/A	N/A	Opt Sec 14	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
InBondCode	/ShipConfirmRequest/Shipments/Shipments/ServiceOptions/InternationalForms/InBondCode	Cond	One	string	2	The two-character In Bond Code	Applies to SED forms only. Required for SED forms. Valid values are:70: Not in bond36: Warehouse withdrawal for IE37: Warehouse withdrawal for T and E62: T and E63: IE67: IE from a FTZ68: T and E from a FTZ			N/A	N/A	N/A	Req Sec 18	N/A
EntryNumber	/ShipConfirmRequest/Shipments/Shipments/ServiceOptions/InternationalForms/EntryNumber	Cond	One	string	1...25	The Import Entry Number when the export transaction is used as proof of export for import transactions (examples: In Bond, Temporary Import Bond or Drawbacks)	Applies to SED forms only. Conditionally Required for SED forms when In bond code value is other than 70(Not In Bond)			N/A	N/A	N/A	Cond Req Sec 16	N/A
PointOfOrigin	/ShipConfirmRequest/Shipments/Shipments/ServiceOptions/InternationalForms/PointOfOrigin	Cond	One	string	1...5	Contains one of the following: The two-digit U.S. Postal Service abbreviation for the state from which the goods were shipped to the port of export. The state that is the source for the good with the highest value. The state of consolidation. The Foreign Trade Zone number of the zone from where the exports are leaving. If the goods were shipped from Puerto Rico, enter PR.	Applies to SED forms only. Required for SED			N/A	N/A	N/A	Req Sec 6	N/A
ModeOfTransport	/ShipConfirmRequest/Shipments/Shipments/ServiceOptions/InternationalForms/ModeOfTransport	Cond	One	string	1...35	Mode of transport by which the goods are exported. Possible values: Air, AirContainerized, Auto, FixedTransportInstallations, Mail, PassengerHandcarried, Pedestrian, Rail, RailContainerized, RoadOther, SeaBarge, SeaContainerized, SeaNoncontainerized, Truck, TruckContainerized	Applies to SED forms only. Required for SED. Only allowed values can be entered. Only 10 Characters can appear on the form. Anything greater than 10 characters will be truncated on the form.			N/A	N/A	N/A	Req Sec 9	N/A
PortOfExport	/ShipConfirmRequest/Shipments/Shipments/ServiceOptions/InternationalForms/PortOfExport	No	One	string	1...35	Should be one of the following-Overland: The U.S. Customs port where the carrier crosses the U.S. border. -Vessel and Air: The U.S. Customs port where the goods are loaded on the carrier to be exported from the U.S. -Postal: The U.S. Postal Office from where the goods are mailed	Applies to SED forms only. No validation.			N/A	N/A	N/A	Opt Sec 11	N/A
PortOfUnloading	/ShipConfirmRequest/Shipments/Shipments/ServiceOptions/InternationalForms/PortOfUnloading	No	One	string	1...35	The country and the port where the goods will be unloaded from the exporting carrier. For vessel and air shipments only.	Applies to SED forms only. No validation.			N/A	N/A	N/A	Opt Sec 12	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
LoadingPier	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/LoadingPier	No	One	string	1...35	Pier where goods are loaded. For vessel shipments only	Applies to SED forms only. No validation.			N/A	N/A	N/A	Opt Sec 8	N/A
PartiesToTransaction	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/PartiesToTransaction	Cond	One	string	1	Information about parties to transaction. Use Related, if the parties to the transaction are related. A related party is an export from a U.S. businessperson or business to a foreign business or from a U.S. business to a foreign person or business where the person has at least 10 percent of the voting shares of the business during the fiscal year. If unincorporated, then an equivalent interest in the business.	Applies to SED forms only. Valid values are: R – Related, N – Non-related			N/A	N/A	N/A	Req Sec 1c	N/A
RoutedExportTransactionIndicator	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/RoutedExportTransactionIndicator	No	One	EMPTY		If Present, indicates that it is a routed export transaction. A routed export transaction is one, where the foreign principal party in interest authorizes a U.S. forwarding (or other) agent to export the merchandise outside the U.S.	Applies to SED forms only			N/A	N/A	N/A	O (R for GUI)Sec 19	N/A
ContainerizedIndicator	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/ContainerizedIndicator	No	One	EMPTY		If present indicates that the goods are containerized. This applies to vessel shipments only	Applies to SED forms only			N/A	N/A	N/A	Opt Sec 13	N/A
License	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/License	Cond	One	Container		Container for License information. If the product is not licensable, a valid license exception code needs to be entered. If shipping different products that are covered under different licenses or license exceptions, then separate SEDs must be created.	Applies to SED forms only. Required for SED forms.			N/A	N/A	N/A	Cond Req Sec 27	N/A
Number	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/License/Number	Cond	One	string	1...35	The license number that authorizes ship product.	Applies to SED forms only. Either License number or License exception code should be present for SED form, both License number and License Exception code cannot be present for SED form.			N/A	N/A	N/A	Cond Req Sec 27	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Date	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/License/Date	Cond	One	string	1...8	License Date	Applies to SED forms only. Conditionally required for SED forms if there is a license number. Only applicable when License Number is provided. Format yyyyMMdd			N/A	N/A	N/A	Cond Req Sec 27	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ExceptionCode	/ShipConfirmRequest/Shipment/ShipmentServiceOptions/InternationalForms/License/ExceptionCode	Cond	One	string	1...4	License exception code. Possible values: AGR: Established for agricultural commodities to permit exports and re-exports to Cuba that is not specifically identified on the Commerce Control List (CCL) and is classified as EAR99. APR: Items for export or re-export not controlled for nuclear nonproliferation, missile technology or crime control. AVS: U.S. aircraft or foreign sojourn into foreign country. BAG: Individual or exporting carrier's crew member's baggage. CIV: National security items for civil end users. CTP: Computer and parts of. ENC: Encrypted software and hardware - financial institutions. GBS: Export or re-export of Country Group B; controlled for national security reasons. GFT: Gift shipments; packages to individuals, religious, charitable or education institutions, donations of basic needs. GOV: Government shipments, covers shipments for U.S. government agencies, personnel or of cooperating foreign governments. KMI: Encrypted software and hardware. LVS: Value of shipments limited. NLR: No license required. RPL: Servicing and replacement of parts and equipment, one for one replacement parts service or replacement of equipment. TMP: Temporary exports, export and re-export of items temporary in U.S., export and re-export of beta test software. TSPA: Software or technology outside the scope of export regulations. TSR: Technology and software, national security reason, Country Group B. TSU: Technology and software shipments, of basic requirements, data supporting prospective or actual bids, offers to sell, lease or supply an item. Software update for fixing programs, mass marketed software	Applies to SED forms only. Either License number or License exception code should be present for SED form, both License number and License Exception code cannot be present for SED form. Validated for possible values			N/A	N/A	N/A	Cond Req Sec 27	N/A

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ECCNNumber	/ShipConfirmRequest/Shipment/ServiceOptions/InternationalForms/ECCNNumber	Cond	One	string	8	Export Control Classification Number. This number identifies categories, product groups, strategic level of control, and country groups. Some products have an ECCN number.	Applies to SED forms only. ECCN is required one of the following License Exception Codes is entered: CIV, CTP, ENC, KMI, or LVS			N/A	N/A	N/A	Cond Req Sec 28	N/A
DeliveryConfirmation	/ShipConfirmRequest/Shipment/ServiceOptions/DeliveryConfirmation	No	One	container	N/A	For a list of valid origin/destination countries please refer to the table in Appendix D	Forwards Only	X						
DCISType	/ShipConfirmRequest/Shipment/ServiceOptions/DeliveryConfirmation/DCISType	Yes*	One	string	1	Type of delivery confirmation	Valid values are:1 - Delivery Confirmation Signature Required 2 - Delivery Confirmation Adult Signature Required. Forwards Only	X						
DCISNumber	/ShipConfirmRequest/Shipment/ServiceOptions/DeliveryConfirmation/DCISNumber		One	String				X						
ReturnOfDocumentIndicator	/ShipConfirmRequest/Shipment/ServiceOptions/ReturnOfDocumentIndicator	No	One	String	0	The flag indicates the ReturnOfDocument accessorial has been requested	Valid for Poland to Poland without return service only.	X						
Package	/ShipConfirmRequest/Shipment/Package	Yes	One	Container	N/A	Package Information container.	For Return Shipments up to and including 20 packages are allowed. US/PR origin return movements are limited to only one package.							
Description	/ShipConfirmRequest/Shipment/Package/Description	Cond	One	string	1...35	Merchandise description of package.	Required for shipment with return service							
Packaging	/ShipConfirmRequest/Shipment/Package/Packaging	Cond	One	container	N/A	Packaging Container	Packaging type is required for Ground Freight Pricing Shipments only							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Code	/ShipConfirmRequest/Shipment/Package/Packaging/Code	Yes*	One	string	2	Package types. Values are: 01 = UPS Letter, 02 = Customer Supplied Package, 03 = Tube, 04 = PAK, 21 = UPS Express Box, 24 = UPS 25KG Box, 25 = UPS 10KG Box, 30 = Pallet, 2a = Small Express Box, 2b = Medium Express Box, 2c = Large Express Box. Note: Only packaging type code 02 is applicable to Ground Freight Pricing	Package type 24, or 25 or 30 is only allowed for shipment without return service. Packaging type must be valid for all the following: ShipTo country, ShipFrom country, a shipment going from ShipTo country to ShipFrom country, all Accessories at both the shipment and package level, and the shipment service type.							
Description	/ShipConfirmRequest/Shipment/Package/Packaging/Description	No	One	String	1...35	Description of packaging type. Examples are letter, customer supplied, express box.	N/A							
Dimensions	/ShipConfirmRequest/Shipment/Package/Dimensions	Cond	One	container	N/A	Dimensions information container. Note: Currently dimensions are not applicable to Ground Freight Pricing	Length + 2*(Width + Height) must be less than or equal to 130 IN or 330 CM. Dimensions are required for GB to GB and Poland to Poland Shipments.							
UnitOfMeasurement	/ShipConfirmRequest/Shipment/Package/Dimensions/UnitOfMeasurement	Yes	One	container	N/A	UnitOfMeasurement container	N/A							
Code	/ShipConfirmRequest/Shipment/Package/Dimensions/UnitOfMeasurement/Code	Yes	One	string	2	Package dimensions measurement code. Codes are: IN = Inches, CM = Centimeters, 00 = Metric Units Of Measurement, 01 = English Units of Measurement.	The unit of measurement must be valid for the Shipper country.							
Description	/ShipConfirmRequest/Shipment/Package/Dimensions/UnitOfMeasurement/Description	No	One	string	1...35	Description of the package dimensions measurement units.	N/A							
Length	/ShipConfirmRequest/Shipment/Package/Dimensions/Length	Yes*	One	string	3	Package length.	Valid values are 0 to 108 IN and 0 to 270 CM.							
Width	/ShipConfirmRequest/Shipment/Package/Dimensions/Width	Yes*	One	string	3	Package width.	N/A							
Height	/ShipConfirmRequest/Shipment/Package/Dimensions/Height	Yes*	One	string	3	Package height.	N/A							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PackageWeight	/ShipConfirmRequest/Shipment/Package/PackageWeight	Cond	One	Container	N/A	Container to hold package weight information.	Package weight is a required field for Ground Freight Pricing shipments							
UnitOfMeasurement	/ShipConfirmRequest/Shipment/Package/PackageWeight/UnitOfMeasurement	Yes	One	Container	N/A	Container to hold UnitOfMeasurement information.	N/A							
Code	/ShipConfirmRequest/Shipment/Package/PackageWeight/UnitOfMeasurement/Code	Yes	One	string	3	Package weight unit of measurement code. Codes are: LBS = Pounds, KGS = Kilograms.								
Description	/ShipConfirmRequest/Shipment/Package/PackageWeight/UnitOfMeasurement/Description	No	One	string	1...35	Description of the package weight measurement units.	N/A							
Weight	/ShipConfirmRequest/Shipment/Package/PackageWeight/Weight	Yes*	One	string	1...5	Packages weight.	Only {Average}package weight is required for Ground Freight Pricing Shipment							
LargePackageIndicator	/ShipConfirmRequest/Shipment/Package/LargePackageIndicator	No	One	string	0	Presence of the indicator mentions that the package is Large Package.	Empty Tag.							
ReferenceNumber	/ShipConfirmRequest/Shipment/Package/ReferenceNumber	No	One	container	N/A	Package reference number information container	N/A							
BarcodeIndicator	/ShipConfirmRequest/Shipment/Package/ReferenceNumber/BarcodeIndicator	No	One	string	0	If the indicator is present then the reference numbers value will be bar coded on the label.	Empty Tag. Allowed for shipment with return service only. Only one shipment-level or package-level reference number can be bar coded per shipment. In order to barcode a reference number, its value must be no longer than 14 alphanumeric characters or 24 numeric characters and cannot contain spaces.	X						



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Code	/ShipConfirmRequest/Shipment/Package/ReferenceNumber/Code	No	One	string	2	Reference number type code, for the entire shipment. The code specifies the Reference name.	Valid if the origin/destination pair is US/US or PR/PR.2 character alphanumeric.							
Value	/ShipConfirmRequest/Shipment/Package/ReferenceNumber/Value	Yes*	One	string	1..35	Customer supplied reference number.	Valid if the origin/destination pair is US/US or PR/PR. Supports up to 2 customer supplied combinations of Reference code- value combinations.							
AdditionalHandlingIndicator	/ShipConfirmRequest/Shipment/Package/AdditionalHandlingIndicator	No	One	string	0	Additional Handling Required. The presence indicates additional handling is required, the absence indicates no additional handling is required.	Empty Tag.							
PackageServiceOptions	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions	No	One	container	N/A	PackageServiceOptioncontainer	N/A							
DeliveryConfirmation	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeliveryConfirmation	No	One	container	N/A	For a list of valid origin/destination countries please refer to the table in Appendix D	Forwards Only	X						
DCISType	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeliveryConfirmation/DCISType	Yes*	One	string	1	Type of delivery confirmation	Valid values are:1 - Delivery Confirmation 2 - Delivery Confirmation Signature Required 3 - Delivery Confirmation Adult Signature Required. Forwards Only	X						
DCISNumber	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeliveryConfirmation/DCISNumber	No	One	string	1..11	Delivery Confirmation Control number associated with the delivery confirmation for the package	Forwards Only	X						
DeclaredValue	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeclaredValue	No	One	container	N/A	Container for DeclaredValue	N/A	X						
Type	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeclaredValue/Type	No	One	container	N/A	Container for Declared Value Type	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Code	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeclaredValueType/Code	*Yes	One	string	2	Declared value type. Valid value are 01=EVS, 02=DVS. Defaults to 01 i.e. EVS if declared value type is not provided.	The user cannot specify different type of declared value for the shipment. You can either have shipper declared value (DVS) or declared value (EVS) but not both at package level. Note: The Shipper Declared Value is applicable for forward shipments when the billing option is freight collect or third party	X						
Description	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeclaredValueType/Description	No	One	string	1...35	Declared value Description	N/A	X						
CurrencyCode	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeclaredValue/CurrencyCode	Yes*	One	string	3	Declared value amount currency type. Defaults to the non-Euro currency used in the ship pers country.	Code must represent a currency that is a valid for Shipper country.	X						
MonetaryValue	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/DeclaredValue/MonetaryValue	Yes*	One	string	1...19	Declared value amount.		X						
COD	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/COD	No	One	container	N/A	COD container	Indicates COD is requested. Package level COD is available for shipment without return service from US/PR to US/PR, CA to CA, and CA to US.CA to US COD is not allowed for package Letter/ Envelope. COD is not valid for return service movements.	X						
CODFundsCode	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/COD/CODFundsCode	Yes*	One	string	1	Values are: 0 = check, cashiers check or money order - no cash allowed, 8 = cashiers check or money order - no cash allowed.	N/A	X						
CODAmount	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/COD/CODAmount	Yes*	One	container	N/A	CODAmount container	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CurrencyCode	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/COD/CODAmount/CurrencyCode	Yes	One	string	3	COD amount currency code type.	N/A	X						
MonetaryValue	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/COD/CODAmount/MonetaryValue	Yes	One	string	5.2	COD Amount.	Valid values: 0.01 USD - 50000.00 USD	X						
VerbalConfirmation	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation	No	One	Container	N/A	Verbal Confirmation Info.	Allowed for shipment without return service.	X						
ContactInfo	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo	Cond	One	Container	N/A	Optional if the Shippers AttentionName, PhoneNumber, and PhoneExtension(optional) are given and are the desired name, phone number and extension, respectively, to be used for verbal confirmation.	N/A	X						
Name	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo/Name	Cond	One	string	1...35	Name of the person to be contacted for confirmation. Defaults to Shipper AttentionName if given.	Optional if Shipper/ AttentionName is given and that is the name of the person to be contacted else required for verbal confirmation.	X						
Phone	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo/Phone	No	One	Container	N/A	Phone Container	N/A	X						
Number	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo/Phone/Number	Yes*	One	String	1...15	Contact Phone Number	N/A	X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
Extension	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/VerbalConfirmation/ContactInfo/Phone/Extension	No	One	String	1...4	Contact Phone Extension	N/A	X						
ShipperReleaseIndicator	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/ShipperReleaseIndicator	No	One	String	0	The presence indicates that the package may be released by driver without a signature from the consignee	Empty Tag. Only available for US50/PR to US50/PR packages without return service.	X						
Notification	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification	No	One	Container	N/A	Receiver Return Notification	Applicable for Shipment with returned service.		X					
NotificationCode	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/NotificationCode	Yes*	One	String	1	Notification Code	3 - Receiver Return Notification		X					
EMail	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/EMail	Yes*	One	Container	N/A	Container for the e-mail Message.	N/A		X					
EMailAddress	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/EMail/EMailAddress	Yes*	One	String	1...50	The destination email address of the receiver returns notification email.	N/A		X					
UndeliverableEMailAddress	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/EMail/UndeliverableEMailAddress	No	One	String	1...50	The e-mail address where an undeliverable email message is sent if the Receiver Return Notification email is undeliverable.	Defaults to FromEMailAddress. Only allowed at the first package.		X					
FromEMailAddress	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/EMail/FromEMailAddress	No	One	String	1...50	The email address listed in the Reply To field of the message header, includes name and e-mail address of sender. The From field of the message header contains pkginfo@ups.com.	Only allowed at the first package.		X					

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
FromName	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/Email/FromName	No	One	String	1...35	The name the receiver return notification will appear to be from.	Defaults to the Shipper Name. Only allowed at the first package.		X					
Memo	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/Email/Memo	No	One	String	1...150	User defined text that will be included in the email.	Only allowed at the first package.		X					
Subject	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/Email/Subject	No	One	String	1...75	The eMail's subject. Defaults to the UPS Receiver Return Notification plus the shipment ID.	Only allowed at the first package		X					
SubjectCode	/ShipConfirmRequest/Shipment/Package/PackageServiceOptions/Notification/Email/SubjectCode	No	One	String	2	Specifies a reference code and reference number to display in the subject of the Receiver Return Notification. When the subject code is provided, the subject will contain the following: UPS Receiver Return Notification. The reference code (the reference code will be mapped to the corresponding ANSI value) Plus the reference number.	If the subject code tag is not provided and the subject text is provided, the subject of the notification will be the subject text. If the subject text is provided, and subject code tag exists, then the subject code value must be 08; If the subject code is 08, the subject text must exist. If a subject code is provided that refers to a nonexistent reference number, the subject will default to the tracking number. Only allowed at the first package.		X					
Commodity	/ShipConfirmRequest/Shipment/Package/Commodity	Cond	One	Container	N/A	Container to hold the Commodity information	It is required if the FRSShipment indicator is present in the request.	X						
FreightClass	/ShipConfirmRequest/Shipment/Package/Commodity/FreightClass	Yes	One	String	10	Freight Classification. Freight class partially determines the freight rate for the article.	Required for Ground Freight Pricing Shipments only	X						
NMFC	/ShipConfirmRequest/Shipment/Package/Commodity/NMFC	No	One	Container	N/A	Container to hold the NMFC codes		X						

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PrimeCode	/ShipConfirmRequest/Shipment/Package/Commodity/NMFC/PrimeCode	Yes	One	String	4..6	Specifies the Commodity's NMFC prime code	Required if NMFC Container is Present	X						
SubCode	/ShipConfirmRequest/Shipment/Package/Commodity/NMFC/SubCode	No	One	String	2	Specifies the Commodity's NMFC sub code		X						
LabelSpecification	/ShipConfirmRequest/LabelSpecification	Cond	One	Container	N/A	Container used to define the properties required by the user to print and/or display the UPS shipping label.	Required for shipment without return service, or shipment with PRL return service.							
LabelImageFormat	/ShipConfirmRequest/LabelSpecification/LabelImageFormat	Yes	One	Container	N/A	LabelImageFormat Container	N/A							
Code	/ShipConfirmRequest/LabelSpecification/LabelImageFormat/Code	Yes	One	String	3	Label print method code that the Labels are to be generated for EPL2 formatted Labels use EPL, for SPL formatted Labels use SPL, for ZPL formatted Labels use ZPL and for image formats use GIF, for Star Printer format formatted Labels use STARPL.	For shipments without return service the valid value is GIF, ZPL, EPL and SPL. For shipments with PRL return service, the valid values are EPL, ZPL, SPL, STARPL and GIF.							
Description	/ShipConfirmRequest/LabelSpecification/LabelImageFormat/Description	No	One	String	1...35	Description of the label image format code.	N/A							
HTTPUserAgent	/ShipConfirmRequest/LabelSpecification/HTTPUserAgent	Cond	One	String	1...64	Browser HTTPUserAgent String. This is the preferred way of identifying GIF image type to be generated	Required if /ShipConfirmRequest/LabelSpecification/LabelImageFormat/Code = Gif. Default to Mozilla/4.5 if this field is missing or has invalid value.							
LabelStockSize	/ShipConfirmRequest/LabelSpecification/LabelStockSize	Yes	One	Container	N/A	Container for the EPL2, ZPL, STARPL or SPL label size	For EPL2, ZPL, STARPL and SPL Labels.							
Height	/ShipConfirmRequest/LabelSpecification/LabelStockSize/Height	Yes	One	String	1...3	Height of the label image. For IN, use whole inches.	For EPL2, ZPL, STARPL and SPL Labels. Only valid values are 6 or 8. Note: Label Image will only scale up to 4 X 6, even when requesting 4 X 8.							

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Width	/ShipConfirmRequest/LabelSpecification/LabelStockSize/Width	Yes	One	String	1..3	Width of the label image. For IN, use whole inches.	For EPL2, ZPL, STARPL and SPL Labels. Valid value is 4. Note: Label Image will only scale up to 4 X 6, even when requesting 4 X 8.							
ShipAcceptRequest	/ShipAcceptRequest	Yes	One	container	N/A	Request Container	N/A							
Request	/ShipAcceptRequest/Request	Yes	One	container	N/A	Request Container	N/A							
RequestOption	/ShipAcceptRequest/Request/RequestOption	Yes	One	string	1..15	Optional Processing. 'nonvalidate' = No address validation. 'validate' = Fail on failed address validation. Defaults to validate. Note: Full address validation is not performed. Therefore, it is the responsibility of the Shipping Tool User to ensure the address entered is correct to avoid an address correction fee.	Values blank, validate, or nonvalidate.							
TransactionReference	/ShipAcceptRequest/Request/TransactionReference	No	One	Container	N/A	TransactionReference identifies transactions between client and server.	N/A							
CustomerContext	/ShipAcceptRequest/Request/TransactionReference/CustomerContext	No	One	string	1..512	The client uses CustomerContext to synchronize request/response pairs. The client establishes CustomerContext, which can contain any information you want, as long as it is valid XML; it is echoed back by the server.	N/A							
ShipmentDigest	/ShipAcceptRequest/ShipmentDigest	Yes	One	String	Variable length	Encoded shipment parameters required to be passed in the accept phase.	Base 64 Encoded							
ShipmentResponse	/ShipmentResponse	Yes	One	container	N/A	Shipment Response Container								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Response	/ShipmentResponse/Response	Yes	One	container	N/A	Response Container.								
ResponseStatus	/ShipmentResponse/Response/ResponseStatus	Yes	One	container	N/A	Response Status Container.								
Code	/ShipmentResponse/Response/ResponseStatus/Code	Yes	One	string	1	Identifies the success or failure of the transaction. 1 = Successful								
Description	/ShipmentResponse/Response/ResponseStatus/Description	Yes	One	string	1...35	Describes Response Status Code. Returns text of Success.								
Alert	/ShipmentResponse/Response/Alert	No	One	container	N/A	Alert Container. There can be zero to many alert containers with code and description.								
Description	/ShipmentResponse/Response/Alert/Description	Yes*	One	string	1...150	Warning messages returned by the system.								
TransactionReference	/ShipmentResponse/Response/TransactionReference	No	One	container	N/A	Transaction Reference Container.								
CustomerContext	/ShipmentResponse/Response/TransactionReference/CustomerContext	No	One	string	1...512	The CustomerContext Information which will be echoed during response.								
ShipmentResults	/ShipmentResponse/ShipmentResults	Yes	One	container	N/A	Refer to the ShipmentResults container table for the elements under ShipmentResults container.								
ShipmentCharges	/ShipmentResponse/ShipmentResults/ShipmentCharges	Cond	One	container	N/A	Shipment charges Container. Shipment charges info. Shipment charges are only guaranteed to be returned for shipments whose origin country is US or Puerto Rico.								



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Transportation Charges	/ShipmentResponse/ShipmentResults/ShipmentCharges/TransportationCharges	Yes	One	container	N/A	Transport Charges container.								
CurrencyCode	/ShipmentResponse/ShipmentResults/ShipmentCharges/TransportationCharges/CurrencyCode	Yes	One	string	3	Transportation charges currency code type. The currency code used in the Shipment request is returned.								
MonetaryValue	/ShipmentResponse/ShipmentResults/ShipmentCharges/TransportationCharges/MonetaryValue	Yes	One	string	1...19	Transportation and surcharges value amount. Valid values are from 0 to 99999999999999.99								
ServiceOptions Charges	/ShipmentResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges	Yes	One	container	N/A	Service Option Charges container.								
CurrencyCode	/ShipmentResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges/CurrencyCode	Yes	One	string	3	Accessorial charges currency code type. The currency code used in the Shipment request is returned.								
MonetaryValue	/ShipmentResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges/MonetaryValue	Yes	One	string	1...19	Accessorial charges value amount. Valid values are from 0 to 99999999999999.99								
TotalCharges	/ShipmentResponse/ShipmentResults/ShipmentCharges/TotalCharges	Yes	One	container	N/A	Total charges container.								
CurrencyCode	/ShipmentResponse/ShipmentResults/ShipmentCharges/TotalCharges/CurrencyCode	Yes	One	string	3	Total charges currency code type. The currency code used in the Shipment request is returned.								
MonetaryValue	/ShipmentResponse/ShipmentResults/ShipmentCharges/TotalCharges/MonetaryValue	Yes	One	string	1...19	Total charges value amount. Valid values are from 0 to 99999999999999.99								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
NegotiatedRateCharges	/ShipmentResponse/ShipmentResults/NegotiatedRateCharges	No	One	container	N/A	Negotiated Rates Charge Container.								
TotalCharge	/ShipmentResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge	No	One	container	N/A	Total charges container. Account Based Rates info. Total charges are only returned for ABR eligible shipper account/UserId combinations when the user includes the NegotiatedRatesIndicator in the request.								
CurrencyCode	/ShipmentResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge/CurrencyCode	Yes	One	string	3	Total charges currency code.								
MonetaryValue	/ShipmentResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge/MonetaryValue	Yes	One	string	1..19	Total charges monetary value. Valid values are from 0 to 9999999999999999.99								
FRSShipmentData	/ShipmentResponse/ShipmentResults/FRSShipmentData	Cond	One	Container	N/A	Ground Freight Pricing Shipment data container. Ground Freight Pricing shipment data is only guaranteed to be returned for Ground Freight Pricing shipments only.								
TransportationCharges	/ShipmentResponse/ShipmentResults/FRSShipmentData/TransportationCharges	Cond	One	Container	N/A	Transportation charges container. Ground Freight Pricing transportation charges. These are only returned for Ground Freight Pricing enabled shipper account number when the user includes the FRSShipmentIndicator in the request.								
GrossCharge	/ShipmentResponse/ShipmentResults/FRSShipmentData/TransportationCharges/GrossCharge	Yes	One	Container	N/A	Gross Charges container. It indicates the shipment level gross Ground Freight Pricing transportation charges.								
CurrencyCode	/ShipmentResponse/ShipmentResults/FRSShipmentData/TransportationCharges/GrossCharge/CurrencyCode	Yes	One	String	3	Gross charges currency code								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipmentResponse/ ShipmentResults/FR SShipmentData/TransportationCharges/GrossCharge/MonetaryValue	Yes	One	String	1..19	Gross charges monetary value. Valid values are from 0 to 9999999999999999.99								
DiscountAmount	/ShipmentResponse/ ShipmentResults/FR SShipmentData/TransportationCharges/DiscountAmount	Yes	One	Container	N/A	Discount Amount container. It indicates the shipment level Ground Freight Pricing discount amount for transportation charges.								
CurrencyCode	/ShipmentResponse/ ShipmentResults/FR SShipmentData/TransportationCharges/DiscountAmount/CurrencyCode	Yes	One	String	3	Discount Amount currency code.								
MonetaryValue	/ShipmentResponse/ ShipmentResults/FR SShipmentData/TransportationCharges/DiscountAmount/MonetaryValue	Yes	One	String	1..19	Discount amount monetary value. Valid values are from 0 to 9999999999999999.99								
DiscountPercentage	/ShipmentResponse/ ShipmentResults/FR SShipmentData/TransportationCharges/DiscountPercentage	Yes	One	String	1..5	It indicates the shipment level discount percentage for transportation charges.								
NetCharge	/ShipmentResponse/ ShipmentResults/FR SShipmentData/TransportationCharges/NetCharge	Yes	One	Container	N/A	Net Charges container. It indicates the shipment level net Ground Freight Pricing transportation charges.								
CurrencyCode	/ShipmentResponse/ ShipmentResults/FR SShipmentData/TransportationCharges/NetCharge/CurrencyCode	Yes	One	String	N/A	Net Charge currency code.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipmentResponse/ ShipmentResults/FR SShipmentData/TransportationCharges/NetCharge/MonetaryValue	Yes	One	String	1..19	Net charges monetary value. Valid values are from 0 to 9999999999999999.99								
BillingWeight	/ShipmentResponse/ ShipmentResults/BillingWeight	Yes	One	container	N/A	Billing Weight container.								
UnitOfMeasurement	/ShipmentResponse/ ShipmentResults/BillingWeight/UnitOfMeasurement	Yes	One	container	N/A	Billing weight unit of measurement code. The unit of measurement used in Shipment request is returned.								
Code	/ShipmentResponse/ ShipmentResults/BillingWeight/UnitOfMeasurement/Code	Yes	One	string	3	Code of the billing weight measurement units. Values are: KGS or LBS.								
Description	/ShipmentResponse/ ShipmentResults/BillingWeight/UnitOfMeasurement/Description	No	One	string	1...35	Description of the billing weight measurement units.								
Weight	/ShipmentResponse/ ShipmentResults/BillingWeight/Weight	Yes	One	string	8	Billing weight. Higher of the actual shipment weight versus the shipment dimensional weight.								
ShipmentIdentificationNumber	/ShipmentResponse/ ShipmentResults/ShipmentIdentificationNumber	Yes	One	string	18	Returned UPS shipment ID number. 1Z Number of the first package in the shipment.								
ShipmentDigest	/ShipmentResponse/ ShipmentResults/ShipmentDigest	Cond	One	string	Variable length	Encoded shipment parameters required to be passed in the accept phase. Applicable only for ShipConfirmResponse.								
PickupRequestNumber	/ShipmentResponse/ ShipmentResults/PickupRequestNumber	No	One	string	11	Shipment pickup number. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
PackageResults	/ShipmentResponse/ShipmentResults/PackageResults	No	One	container	N/A	Returned Package Information. Applicable only for ShipmentResponse and ShipAcceptResponse.								
TrackingNumber	/ShipmentResponse/ShipmentResults/PackageResults/TrackingNumber	Yes	One	string	18	Package 1Z number. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ServiceOptionsCharges	/ShipmentResponse/ShipmentResults/PackageResults/ServiceOptionsCharges	Cond	One	Container	N/A	Shipment charges info. Shipment charges are only guaranteed to be returned for shipments whose origin country is US or Puerto Rico. Applicable only for ShipmentResponse and ShipAcceptResponse.								
CurrencyCode	/ShipmentResponse/ShipmentResults/PackageResults/ServiceOptionsCharges/CurrencyCode	Yes	One	string	3	Package accessorial charges currency code type. The currency code used in the Shipment request is returned. Applicable only for ShipmentResponse and ShipAcceptResponse.								
MonetaryValue	/ShipmentResponse/ShipmentResults/PackageResults/ServiceOptionsCharges/MonetaryValue	Yes	One	string	1...19	Package accessorial charges value amount. Valid values are from 0 to 9999999999999999.99 Applicable only for ShipmentResponse and ShipAcceptResponse.								
ShippingLabel	/ShipmentResponse/ShipmentResults/PackageResults/ShippingLabel	Cond	One	container	N/A	The container for UPS shipping label. Shipment without return service, or with PRL return service. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipmentResponse/ShipmentResults/PackageResults/ShippingLabel/ImageFormat	Yes	One	container	N/A	The container image format. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipmentResponse/ShipmentResults/PackageResults/ShippingLabel/ImageFormat/Code	Yes	One	string	3	Label image code that the labels are generated. Values EPL = EPL2, SPL = SPL, ZPL = ZPL, GIF = gif images, or PNG for PNG images. Only EPL, SPL, ZPL and GIF are currently supported. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Description	/ShipmentResponse/ShipmentResults/PackageResults/ShippingLabel/ImageFormat/Description	No	One	string	1...35	Description of the label image format code. Applicable only for ShipmentResponse and ShipAcceptResponse.								
GraphicImage	/ShipmentResponse/ShipmentResults/PackageResults/ShippingLabel/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded graphic image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
InternationalSignatureGraphicImage	/ShipmentResponse/ShipmentResults/PackageResults/ShippingLabel/InternationalSignatureGraphicImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded graphic image of the Warsaw text and signature box.EPL2, ZPL and SPL labels. The image will be returned for non-US based shipments. One image will be given per shipment and it will be in the first PackageResults container. Applicable only for ShipmentResponse and ShipAcceptResponse.								
HTMLImage	/ShipmentResponse/ShipmentResults/PackageResults/ShippingLabel/HTMLImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded html browser image rendering software. This is only returned for gif and png image formats. Applicable only for ShipmentResponse and ShipAcceptResponse.								
PDF417	/ShipmentResponse/ShipmentResults/PackageResults/ShippingLabel/PDF417	Cond	One	Base 64 Encoded	Variable Length	PDF-417 is a two-dimensional barcode, which can store up to about 1,800 printable ASCII characters or 1,100 binary characters per symbol. The symbol is rectangular. The image is Base 64 encoded and returned if the LabelImageFormat code is GIF. Shipment with PRL return service only. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ShippingReceipt	/ShipmentResponse/ShipmentResults/PackageResults/ShippingReceipt	Cond	One	container	N/A	Container for the receipt of a return shipment. Not supported for ERL or PRL shipments. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ImageFormat	/ShipmentResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat	Yes	One	container	N/A	Container for a Image Format. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipmentResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat/Code	Yes	One	string	4	Code representing the format in which a receipt. Valid values: HTML = HTML format. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Description	/ShipmentResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat/Description	No	One	string	1...35	Description of the image format code. Applicable only for ShipmentResponse and ShipAcceptResponse.								
GraphicImage	/ShipmentResponse/ShipmentResults/PackageResults/ShippingReceipt/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded PRL receipt in HTML format. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ControlLogReceipt	/ShipmentResponse/ShipmentResults/ControlLogReceipt	Cond	One	container	N/A	Container for the High Value reports When forward shipments declared value between \$999 and \$50,000 USD. Two copies of high value report needs to be pointed out. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipmentResponse/ShipmentResults/ControlLogReceipt/ImageFormat	Yes	One	container	N/A	Container for the High Value report format, required if parent exist. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipmentResponse/ShipmentResults/ControlLogReceipt/ImageFormat/Code	Yes	One	string	4	Code for the type of Graphic Image for the High Value Report. Values are: EPL = EPL2 (when user requests label in EPL2 format) SPL = SPL (when user requests label in SPL format) ZPL = ZPL (when user requests label in ZPL format) HTML= HTML (when user requests label in HTML format) Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Description	/ShipmentResponse/ShipmentResults/ControlLogReceipt/ImageFormat/Description	No	One	string	1..35	Description of the format code. Applicable only for ShipmentResponse and ShipAcceptResponse.								
GraphicImage	/ShipmentResponse/ShipmentResults/ControlLogReceipt/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded html, EPL2, ZPL or SPL image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Form	/ShipmentResponse/ShipmentResults/Form	Cond	One	container	N/A	Container tag for the International forms image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipmentResponse/ShipmentResults/Form/Code	Yes	One	string	2	Code that indicates the type of form. Possible Values 01 - All Requested International Forms. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Description	/ShipmentResponse/ShipmentResults/Form/Description	Yes	One	string	1..35	Description that indicates the type of form. Possible Values. All Requested International Forms. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Image	/ShipmentResponse/ShipmentResults/Form/Image	Cond	One	container	N/A	Container tag for the International forms image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipmentResponse/ShipmentResults/Form/Image/ImageFormat	Cond	One	container	N/A	Container tag for the International forms image format information. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipmentResponse/ShipmentResults/Form/Image/ImageFormat/Code	Cond	One	string	3	Code representing the format in which the forms are generated. Possible Values: PDF = pdfOnly. PDF is supported currently. Applicable only for ShipmentResponse and ShipAcceptResponse.								



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Description	/ShipmentResponse/ShipmentResults/Form/Image/ImageFormat/Description	No	One	string	1..35	Description of the form image format code. Applicable only for ShipmentResponse and ShipAcceptResponse.								
GraphicImage	/ShipmentResponse/ShipmentResults/Form/Image/GraphicImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded International forms image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
FormGroupId	/ShipmentResponse/ShipmentResults/Form/FormGroupId	Cond	One	string	1..26	Unique Id for later retrieval of saved version of the completed international forms. Always returned when code = 0101 represents international forms. Applicable only for ShipmentResponse and ShipAcceptResponse.								
FormGroupIdName	/ShipmentResponse/ShipmentResults/Form/FormGroupIdName	No	One	string	1..50	Contains description text which identifies the group of International forms. This element is part of both request and response. This element does not appear on the forms. Applicable only for ShipmentResponse and ShipAcceptResponse.								
CODTurnInPage	/ShipmentResponse/ShipmentResults/CODTurnInPage	No	One	container	N/A	The container of the COD Turn In Page. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Image	/ShipmentResponse/ShipmentResults/CODTurnInPage/Image	Yes	One	container	N/A	The container of the image for COD Turn In Page. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipmentResponse/ShipmentResults/CODTurnInPage/Image/ImageFormat	Yes	One	container	N/A	The container for format of COD Turn In Page. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipmentResponse/ShipmentResults/CODTurnInPage/Image/ImageFormat/Code	Yes	One	String	4	Format code of the generated COD Turn In Page. Valid values: HTML = HTML format. Only HTML format is supported for COD Turn In Page. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Description	/ShipmentResponse/ShipmnetResults/CODTurnInPage/Image/ImageFormat/Description	No	One	String	1...35	Description of the format code of generated COD Turn In page. Applicable only for ShipmentResponse and ShipAcceptResponse.								
GraphicImage	/ShipmentResponse/ShipmnetResults/CODTurnInPage/Image/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded html browser image rendering software. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ShipConfirmResponse	/ShipConfirmResponse	Yes	One	container	N/A	Shipment Response Container								
Response	/ShipConfirmResponse/Response	Yes	One	container	N/A	Response Container.								
ResponseStatus	/ShipConfirmResponse/Response/ResponseStatus	Yes	One	container	N/A	Response Status Container.								
Code	/ShipConfirmResponse/Response/ResponseStatus/Code	Yes	One	string	1	Identifies the success or failure of the transaction. 1 = Successful								
Description	/ShipConfirmResponse/Response/ResponseStatus/Description	Yes	One	string	1...35	Describes Response Status Code. Returns text of Success.								
Alert	/ShipConfirmResponse/Response/Alert	No	One	container	N/A	Alert Container. There can be zero to many alert containers with code and description.								
Code	/ShipConfirmResponse/Response/Alert/Code	Yes*	One	string	1...10	Warning code returned by the system.								
Description	/ShipConfirmResponse/Response/Alert/Description	Yes*	One	string	1...150	Warning messages returned by the system.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
TransactionReference	/ShipConfirmResponse/Response/TransactionReference	No	One	container	N/A	Transaction Reference Container.								
CustomerContext	/ShipConfirmResponse/Response/TransactionReference/CustomerContext	No	One	string	1...512	The CustomerContext Information which will be echoed during response.								
ShipmentResults	/ShipConfirmResponse/ShipmentResults	Yes	One	container	N/A	Refer to the ShipmentResults container table for the elements under ShipmentResults container.								
ShipmentCharges	/ShipConfirmResponse/ShipmentResults/ShipmentCharges	Cond	One	container	N/A	Shipment charges Container. Shipment charges info. Shipment charges are only guaranteed to be returned for shipments whose origin country is US or Puerto Rico.								
TransportationCharges	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/TransportationCharges	Yes	One	container	N/A	Transport Charges container.								
CurrencyCode	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/TransportationCharges/CurrencyCode	Yes	One	string	3	Transportation charges currency code type. The currency code used in the Shipment request is returned.								
MonetaryValue	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/TransportationCharges/MonetaryValue	Yes	One	string	1...19	Transportation and surcharges value amount. Valid values are from 0 to 99999999999999.99								
ServiceOptionsCharges	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges	Yes	One	container	N/A	Service Option Charges container.								
CurrencyCode	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges/CurrencyCode	Yes	One	string	3	Accessorial charges currency code type. The currency code used in the Shipment request is returned.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges/MonetaryValue	Yes	One	string	1..19	Accessorial charges value amount. Valid values are from 0 to 99999999999999.99								
TotalCharges	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/TotalCharges	Yes	One	container	N/A	Total charges container.								
CurrencyCode	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/TotalCharges/CurrencyCode	Yes	One	string	3	Total charges currency code type. The currency code used in the Shipment request is returned.								
MonetaryValue	/ShipConfirmResponse/ShipmentResults/ShipmentCharges/TotalCharges/MonetaryValue	Yes	One	string	1..19	Total charges value amount. Valid values are from 0 to 99999999999999.99								
NegotiatedRateCharges	/ShipConfirmResponse/ShipmentResults/NegotiatedRateCharges	No	One	container	N/A	Negotiated Rates Charge Container.								
TotalCharge	/ShipConfirmResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge	No	One	container	N/A	Total charges container. Account Based Rates info. Total charges are only returned for ABR eligible shipper account/UserId combinations when the user includes the NegotiatedRatesIndicator in the request.								
CurrencyCode	/ShipConfirmResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge/CurrencyCode	Yes	One	string	3	Total charges currency code.								
MonetaryValue	/ShipConfirmResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge/MonetaryValue	Yes	One	string	1..19	Total charges monetary value. Valid values are from 0 to 99999999999999.99								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
FRSShipment Data	/ShipConfirmResponse/ShipmentResults/FRSShipmentData	Cond	One	Container	N/A	Ground Freight Pricing Shipment data container. Ground Freight Pricing shipment data is only guaranteed to be returned for Ground Freight Pricing shipments only.								
Transportation Charges	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges	Cond	One	Container	N/A	Transportation charges container. Ground Freight Pricing transportation charges. These are only returned for Ground Freight Pricing enabled shipper account number when the user includes the FRSShipmentIndicator in the request.								
GrossCharge	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/GrossCharge	Yes	One	Container	N/A	Gross Charges container. It indicates the shipment level gross FRS transportation charges.								
CurrencyCode	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/GrossCharge/CurrencyCode	Yes	One	String	3	Gross charges currency code								
MonetaryValue	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/GrossCharge/MonetaryValue	Yes	One	String	1..19	Gross charges monetary value. Valid values are from 0 to 9999999999999999.99								
DiscountAmount	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/DiscountAmount	Yes	One	Container	N/A	Discount Amount container. It indicates the shipment level Ground Freight Pricing discount amount for transportation charges.								
CurrencyCode	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/DiscountAmount/CurrencyCode	Yes	One	String	3	Discount Amount currency code.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/DiscountAmount/MonetaryValue	Yes	One	String	1..19	Discount amount monetary value. Valid values are from 0 to 9999999999999999.99								
DiscountPercentage	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/DiscountPercentage	Yes	One	String	1..5	It indicates the shipment level discount percentage for transportation charges.								
NetCharge	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/NetCharge	Yes	One	Container	N/A	Net Charges container. It indicates the shipment level net Ground Freight Pricing transportation charges.								
CurrencyCode	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/NetCharge/CurrencyCode	Yes	One	String	N/A	Net Charge currency code.								
MonetaryValue	/ShipConfirmResponse/ShipmentResults/FRSShipmentData/TransportationCharges/NetCharge/MonetaryValue	Yes	One	String	1..19	Net charges monetary value. Valid values are from 0 to 9999999999999999.99								
BillingWeight	/ShipConfirmResponse/ShipmentResults/BillingWeight	Yes	One	container	N/A	Billing Weight container.								
UnitOfMeasurement	/ShipConfirmResponse/ShipmentResults/BillingWeight/UnitOfMeasurement	Yes	One	container	N/A	Billing weight unit of measurement code. The unit of measurement used in Shipment request is returned.								
Code	/ShipConfirmResponse/ShipmentResults/BillingWeight/UnitOfMeasurement/Code	Yes	One	string	3	Code of the billing weight measurement units. Values are: KGS or LBS.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Description	/ShipConfirmResponse/ShipmentResults/BillingWeight/UnitOfMeasurement/Description	No	One	string	1...35	Description of the billing weight measurement units.								
Weight	/ShipConfirmResponse/ShipmentResults/BillingWeight/Weight	Yes	One	string	8	Billing weight. Higher of the actual shipment weight versus the shipment dimensional weight. Set to 0 for package type of letters or envelopes.								
ShipmentIdentificationNumber	/ShipConfirmResponse/ShipmentResults/ShipmentIdentificationNumber	Yes	One	string	18	Returned UPS shipment ID number. 1Z Number of the first package in the shipment.								
ShipmentDigest	/ShipConfirmResponse/ShipmentResults/ShipmentDigest	Cond	One	string	Variable length	Encoded shipment parameters required to be passed in the accept phase. Applicable only for ShipConfirmResponse.								
PackageResults	/ShipConfirmResponse/ShipmentResults/PackageResults	No	One	container	N/A	Returned Package Information. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
TrackingNumber	/ShipConfirmResponse/ShipmentResults/PackageResults/TrackingNumber	Yes	One	string	18	Package 1Z number. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ServiceOptionsCharges	/ShipConfirmResponse/ShipmentResults/PackageResults/ServiceOptionsCharges	Cond	One	Container	N/A	Shipment charges info. Shipment charges are only guaranteed to be returned for shipments whose origin country is US or Puerto Rico. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
CurrencyCode	/ShipConfirmResponse/ShipmentResults/PackageResults/ServiceOptionsCharges/CurrencyCode	Yes	One	string	3	Package accessorial charges currency code type. The currency code used in the Shipment request is returned. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipConfirmResponse/ShipmentResults/PackageResults/ServiceOptionsCharges/MonetaryValue	Yes	One	string	1...19	Package accessorial charges value amount. Valid values are from 0 to 9999999999999999.99Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ShippingLabel	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingLabel	Cond	One	container	N/A	The container for UPS shipping label. Shipment without return service, or with PRL return service. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ImageFormat	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingLabel/ImageFormat	Yes	One	container	N/A	The container image format. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Code	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingLabel/ImageFormat/Code	Yes	One	string	3	Label image code that the labels are generated. Values EPL = EPL2, SPL = SPL, ZPL = ZPL, GIF = gif images, or PNG for PNG images. Only EPL, SPL, ZPL and GIF are currently supported. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Description	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingLabel/ImageFormat/Description	No	One	string	1...35	Description of the label image format code. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
GraphicImage	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingLabel/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded graphic image. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
InternationalSignatureGraphicImage	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingLabel/InternationalSignatureGraphicImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded graphic image of the Warsaw text and signature box.EPL2, ZPL and SPL labels. The image will be returned for non-US based shipments. One image will be given per shipment and it will be in the first PackageResults container. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEl	Partial IV
HTMLImage	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingLabel/HTMLImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded html browser image rendering software. This is only returned for gif and png image formats. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
PDF417	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingLabel/PDF417	Cond	One	Base 64 Encoded	Variable Length	PDF-417 is a two-dimensional barcode, which can store up to about 1,800 printable ASCII characters or 1,100 binary characters per symbol. The symbol is rectangular. The image is Base 64 encoded and returned if the LabelImageFormat code is GIF. Shipment with PRL return service only. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ShippingReceipt	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingReceipt	Cond	One	container	N/A	Container for the receipt of a return shipment. Not supported for ERL or PRL shipments. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ImageFormat	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat	Yes	One	container	N/A	Container for a Image Format. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Code	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat/Code	Yes	One	string	4	Code representing the format in which a receipt. Valid values: HTML = HTML format. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Description	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat/Description	No	One	string	1...35	Description of the image format code. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
GraphicImage	/ShipConfirmResponse/ShipmentResults/PackageResults/ShippingReceipt/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded PRL receipt in HTML format. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ControlLogReceipt	/ShipConfirmResponse/ShipmentResults/ControlLogReceipt	Cond	One	container	N/A	Container for the High Value reports When forward shipments declared value between \$999 and \$50,000 USD. Two copies of high value report needs to be pointed out. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ImageFormat	/ShipConfirmResponse/ShipmentResults/ControlLogReceipt/ImageFormat	Yes	One	container	N/A	Container for the High Value report format, required if parent exist Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Code	/ShipConfirmResponse/ShipmentResults/ControlLogReceipt/ImageFormat/Code	Yes	One	string	4	Code for the type of Graphic Image for the High Value Report. Values are: EPL = EPL2 (when user requests label in EPL2 format)SPL = SPL (when user requests label in SPL format) ZPL = ZPL (when user requests label in ZPL format)HTML= HTML (when user requests label in HTML format)Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Description	/ShipConfirmResponse/ShipmentResults/ControlLogReceipt/ImageFormat/Description	No	One	string	1..35	Description of the format code. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
GraphicImage	/ShipConfirmResponse/ShipmentResults/ControlLogReceipt/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded html, EPL2, ZPL or SPL image. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Form	/ShipConfirmResponse/ShipmentResults/Form	Cond	One	container	N/A	Container tag for the International forms image. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Code	/ShipConfirmResponse/ShipmentResults/Form/Code	Yes	One	string	2	Code that indicates the type of form. Possible Values01 - All Requested International Forms. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Description	/ShipConfirmResponse/ShipmentResults/Form/Description	Yes	One	string	1..35	Description that indicates the type of form. Possible Values: All Requested International Forms. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Image	/ShipConfirmResponse/ShipmentResults/Form/Image	Cond	One	container	N/A	Container tag for the International forms image. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ImageFormat	/ShipConfirmResponse/ShipmentResults/Form/Image/ImageFormat	Cond	One	container	N/A	Container tag for the International forms image format information. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Code	/ShipConfirmResponse/ShipmentResults/Form/Image/ImageFormat/Code	Cond	One	string	3	Code representing the format in which the forms are generated. Possible Values: PDF = pdfOnly. PDF is supported currently. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Description	/ShipConfirmResponse/ShipmentResults/Form/Image/ImageFormat/Description	No	One	string	1..35	Description of the form image format code. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
GraphicImage	/ShipConfirmResponse/ShipmentResults/Form/Image/GraphicImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded International forms image. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
FormGroupId	/ShipConfirmResponse/ShipmentResults/Form/FormGroupId	Cond	One	string	1..26	Unique Id for later retrieval of saved version of the completed international forms. Always returned when code = 0101 represents international forms. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
FormGroupIdName	/ShipConfirmResponse/ShipmentResults/Form/FormGroupIdName	No	One	string	1..50	Contains description text which identifies the group of International forms. This element is part of both request and response. This element does not appear on the forms. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CODTurnInPage	/ShipConfirmResponse/ShipmentResults/CODTurnInPage	No	One	container	N/A	The container of the COD Turn In Page. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Image	/ShipConfirmResponse/ShipmentResults/CODTurnInPage/Image	Yes	One	container	N/A	The container of the image for COD Turn In Page. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ImageFormat	/ShipConfirmResponse/ShipmentResults/CODTurnInPage/Image/ImageFormat	Yes	One	container	N/A	The container for format of COD Turn In Page. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Code	/ShipConfirmResponse/ShipmentResults/CODTurnInPage/Image/ImageFormat/Code	Yes	One	String	4	Format code of the generated COD Turn In Page. Valid values: HTML = HTML format. Only HTML format is supported for COD Turn In Page. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
Description	/ShipConfirmResponse/ShipmentResults/CODTurnInPage/Image/ImageFormat/Description	No	One	String	1...35	Description of the format code of generated COD Turn In page. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
GraphicImage	/ShipConfirmResponse/ShipmentResults/CODTurnInPage/Image/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded html browser image rendering software. Applicable only for ShipConfirmResponse and ShipAcceptResponse.								
ShipAcceptResponse	/ShipAcceptResponse	Yes	One	container	N/A	Shipment Response Container								
Response	/ShipAcceptResponse/Response	Yes	One	container	N/A	Response Container.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
ResponseStatus	/ShipAcceptResponse/Response/ResponseStatus	Yes	One	container	N/A	Response Status Container.								
Code	/ShipAcceptResponse/Response/ResponseStatus/Code	Yes	One	string	1	Identifies the success or failure of the transaction. 1 = Successful								
Description	/ShipAcceptResponse/Response/ResponseStatus/Description	Yes	One	string	1...35	Describes Response Status Code. Returns text of Success.								
Alert	/ShipAcceptResponse/Response/Alert	No	One	container	N/A	Alert Container. There can be zero to many alert containers with code and description.								
Code	/ShipAcceptResponse/Response/Alert/Code	Yes*	One	string	1...10	Warning code returned by the system.								
Description	/ShipAcceptResponse/Response/Alert/Description	Yes*	One	string	1...150	Warning messages returned by the system.								
TransactionReference	/ShipAcceptResponse/Response/TransactionReference	No	One	container	N/A	Transaction Reference Container.								
CustomerContext	/ShipAcceptResponse/Response/TransactionReference/CustomerContext	No	One	string	1...512	The CustomerContext Information which will be echoed during response.								
ShipmentResults	/ShipAcceptResponse/ShipmentResults	Yes	One	container	N/A	Refer to the ShipmentResults container table for the elements under ShipmentResults container.								
ShipmentCharges	/ShipAcceptResponse/ShipmentResults/ShipmentCharges	Cond	One	container	N/A	Shipment charges Container. Shipment charges info. Shipment charges are only guaranteed to be returned for shipments whose origin country is US or Puerto Rico.								
TransportationCharges	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/TransportationCharges	Yes	One	container	N/A	Transport Charges container.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
CurrencyCode	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/TransportationCharges/CurrencyCode	Yes	One	string	3	Transportation charges currency code type. The currency code used in the Shipment request is returned.								
MonetaryValue	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/TransportationCharges/MonetaryValue	Yes	One	string	1...19	Transportation and surcharges value amount. Valid values are from 0 to 99999999999999.99								
ServiceOptionsCharges	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges	Yes	One	container	N/A	Service Option Charges container.								
CurrencyCode	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges/CurrencyCode	Yes	One	string	3	Accessorial charges currency code type. The currency code used in the Shipment request is returned.								
MonetaryValue	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/ServiceOptionsCharges/MonetaryValue	Yes	One	string	1...19	Accessorial charges value amount. Valid values are from 0 to 99999999999999.99								
TotalCharges	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/TotalCharges	Yes	One	container	N/A	Total charges container.								
CurrencyCode	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/TotalCharges/CurrencyCode	Yes	One	string	3	Total charges currency code type. The currency code used in the Shipment request is returned.								
MonetaryValue	/ShipAcceptResponse/ShipmentResults/ShipmentCharges/TotalCharges/MonetaryValue	Yes	One	string	1...19	Total charges value amount. Valid values are from 0 to 99999999999999.99								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
NegotiatedRateCharges	/ShipAcceptResponse/ShipmentResults/NegotiatedRateCharges	No	One	container	N/A	Negotiated Rates Charge Container.								
TotalCharge	/ShipAcceptResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge	No	One	container	N/A	Total charges container. Account Based Rates info. Total charges are only returned for ABR eligible shipper account/UserId combinations when the user includes the NegotiatedRatesIndicator in the request.								
CurrencyCode	/ShipAcceptResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge/CurrencyCode	Yes	One	string	3	Total charges currency code.								
MonetaryValue	/ShipAcceptResponse/ShipmentResults/NegotiatedRateCharges/TotalCharge/MonetaryValue	Yes	One	string	1..19	Total charges monetary value. Valid values are from 0 to 9999999999999999.99								
FRSShipmentData	/ShipAcceptResponse/ShipmentResults/FRSShipmentData	Cond	One	Container	N/A	Ground Freight Pricing Shipment data container. Ground Freight Pricing shipment data is only guaranteed to be returned for Ground Freight Pricing shipments only.								
TransportationCharges	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges	Cond	One	Container	N/A	Transportation charges container. Ground Freight Pricing transportation charges. These are only returned for Ground Freight Pricing enabled shipper account number when the user includes the FRSShipmentIndicator in the request.								
GrossCharge	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/GrossCharge	Yes	One	Container	N/A	Gross Charges container. It indicates the shipment level gross Ground Freight Pricing transportation charges.								
CurrencyCode	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/GrossCharge/CurrencyCode	Yes	One	String	3	Gross charges currency code								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/GrossCharge/MonetaryValue	Yes	One	String	1..19	Gross charges monetary value. Valid values are from 0 to 9999999999999999.99								
DiscountAmount	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/DiscountAmount	Yes	One	Container	N/A	Discount Amount container. It indicates the shipment level Ground Freight Pricing discount amount for transportation charges.								
CurrencyCode	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/DiscountAmount/CurrencyCode	Yes	One	String	3	Discount Amount currency code.								
MonetaryValue	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/DiscountAmount/MonetaryValue	Yes	One	String	1..19	Discount amount monetary value. Valid values are from 0 to 9999999999999999.99								
DiscountPercentage	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/DiscountPercentage	Yes	One	String	1..5	It indicates the shipment level discount percentage for transportation charges.								
NetCharge	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/NetCharge	Yes	One	Container	N/A	Net Charges container. It indicates the shipment level net Ground Freight Pricing transportation charges.								
CurrencyCode	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/NetCharge/CurrencyCode	Yes	One	String	N/A	Net Charge currency code.								



Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
MonetaryValue	/ShipAcceptResponse/ShipmentResults/FRSShipmentData/TransportationCharges/NetCharge/MonetaryValue	Yes	One	String	1..19	Net charges monetary value. Valid values are from 0 to 9999999999999999.99								
BillingWeight	/ShipAcceptResponse/ShipmentResults/BillingWeight	Yes	One	container	N/A	Billing Weight container.								
UnitOfMeasurement	/ShipAcceptResponse/ShipmentResults/BillingWeight/UnitOfMeasurement	Yes	One	container	N/A	Billing weight unit of measurement code. The unit of measurement used in Shipment request is returned.								
Code	/ShipAcceptResponse/ShipmentResults/BillingWeight/UnitOfMeasurement/Code	Yes	One	string	3	Code of the billing weight measurement units. Values are: KGS or LBS.								
Description	/ShipAcceptResponse/ShipmentResults/BillingWeight/UnitOfMeasurement/Description	No	One	string	1...35	Description of the billing weight measurement units.								
Weight	/ShipAcceptResponse/ShipmentResults/BillingWeight/Weight	Yes	One	string	8	Billing weight. Higher of the actual shipment weight versus the shipment dimensional weight. Set to 0 for package type of letters or envelopes.								
ShipmentIdentificationNumber	/ShipAcceptResponse/ShipmentResults/ShipmentIdentificationNumber	Yes	One	string	18	Returned UPS shipment ID number. 1Z Number of the first package in the shipment.								
ShipmentDigest	/ShipAcceptResponse/ShipmentResults/ShipmentDigest	Cond	One	string	Variable length	Encoded shipment parameters required to be passed in the accept phase. Applicable only for ShipConfirmResponse.								
PackageResults	/ShipAcceptResponse/ShipmentResults/PackageResults	No	One	container	N/A	Returned Package Information. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
TrackingNumber	/ShipAcceptResponse/ShipmentResults/PackageResults/TrackingNumber	Yes	One	string	18	Package 1Z number. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ServiceOptionsCharges	/ShipAcceptResponse/ShipmentResults/PackageResults/ServiceOptionsCharges	Cond	One	Container	N/A	Shipment charges info. Shipment charges are only guaranteed to be returned for shipments whose origin country is US or Puerto Rico. Applicable only for ShipmentResponse and ShipAcceptResponse.								
CurrencyCode	/ShipAcceptResponse/ShipmentResults/PackageResults/ServiceOptionsCharges/CurrencyCode	Yes	One	string	3	Package accessorial charges currency code type. The currency code used in the Shipment request is returned. Applicable only for ShipmentResponse and ShipAcceptResponse.								
MonetaryValue	/ShipAcceptResponse/ShipmentResults/PackageResults/ServiceOptionsCharges/MonetaryValue	Yes	One	string	1...19	Package accessorial charges value amount. Valid values are from 0 to 99999999999999.99 Applicable only for ShipmentResponse and ShipAcceptResponse.								
ShippingLabel	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingLabel	Cond	One	container	N/A	The container for UPS shipping label. Shipment without return service, or with PRL return service. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingLabel/ImageFormat	Yes	One	container	N/A	The container image format. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipAcceptResponse/ShipmentResults/ShippingLabel/ImageFormat/Code	Yes	One	string	3	Label image code that the labels are generated. Values EPL = EPL2, SPL = SPL, ZPL = ZPL, GIF = gif images, or PNG for PNG images. Only EPL, SPL, ZPL and GIF are currently supported. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Description	/ShipAcceptResponse/ShipmentResults/ShippingLabel/ImageFormat/Description	No	One	string	1...35	Description of the label image format code. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
GraphicImage	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingLabel/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded graphic image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
InternationalSignatureGraphicImage	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingLabel/InternationalSignatureGraphicImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded graphic image of the Warsaw text and signature box.EPL2, ZPL and SPL labels. The image will be returned for non-US based shipments. One image will be given per shipment and it will be in the first PackageResults container. Applicable only for ShipmentResponse and ShipAcceptResponse.								
HTMLImage	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingLabel/HTMLImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded html browser image rendering software. This is only returned for gif and png image formats. Applicable only for ShipmentResponse and ShipAcceptResponse.								
PDF417	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingLabel/PDF417	Cond	One	Base 64 Encoded	Variable Length	PDF-417 is a two-dimensional barcode, which can store up to about 1,800 printable ASCII characters or 1,100 binary characters per symbol. The symbol is rectangular. The image is Base 64 encoded and returned if the LabelImageFormat code is GIF. Shipment with PRL return service only. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ShippingReceipt	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingReceipt	Cond	One	container	N/A	Container for the receipt of a return shipment. Not supported for ERL or PRL shipments. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat	Yes	One	container	N/A	Container for a Image Format. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Code	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat/Code	Yes	One	string	4	Code representing the format in which a receipt. Valid values: HTML = HTML format. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Description	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingReceipt/ImageFormat/Description	No	One	string	1..35	Description of the image format code. Applicable only for ShipmentResponse and ShipAcceptResponse.								
GraphicImage	/ShipAcceptResponse/ShipmentResults/PackageResults/ShippingReceipt/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded PRL receipt in HTML format. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ControlLogReceipt	/ShipAcceptResponse/ShipmentResults/ControlLogReceipt	Cond	One	container	N/A	Container for the High Value reports When forward shipments declared value between \$999 and \$50,000 USD. Two copies of high value report needs to be pointed out. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipAcceptResponse/ShipmentResults/ControlLogReceipt/ImageFormat	Yes	One	container	N/A	Container for the High Value report format, required if parent exist Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipAcceptResponse/ShipmentResults/ControlLogReceipt/ImageFormat/Code	Yes	One	string	4	Code for the type of Graphic Image for the High Value Report. Values are: EPL = EPL2 (when user requests label in EPL2 format) SPL = SPL (when user requests label in SPL format) ZPL = ZPL (when user requests label in ZPL format) HTML= HTML (when user requests label in HTML format) Applicable only for ShipmentResponse and ShipAcceptResponse.								
Description	/ShipAcceptResponse/ShipmentResults/ControlLogReceipt/ImageFormat/Description	No	One	string	1..35	Description of the format code. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
GraphicImage	/ShipAcceptResponse/ShipmentResults/ControlLogReceipt/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded html, EPL2, ZPL or SPL image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Form	/ShipAcceptResponse/ShipmentResults/Form	Cond	One	container	N/A	Container tag for the International forms image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipAcceptResponse/ShipmentResults/Form/Code	Yes	One	string	2	Code that indicates the type of form. Possible Values: 01 - All Requested International Forms. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Description	/ShipAcceptResponse/ShipmentResults/Form/Description	Yes	One	string	1..35	Description that indicates the type of form. Possible Values: All Requested International Forms. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Image	/ShipAcceptResponse/ShipmentResults/Form/Image	Cond	One	container	N/A	Container tag for the International forms image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipAcceptResponse/ShipmentResults/Form/Image/ImageFormat	Cond	One	container	N/A	Container tag for the International forms image format information. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipAcceptResponse/ShipmentResults/Form/Image/ImageFormat/Code	Cond	One	string	3	Code representing the format in which the forms are generated. Possible Values: PDF = pdfOnly. PDF is supported currently. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Description	/ShipAcceptResponse/ShipmentResults/Form/Image/ImageFormat/Description	No	One	string	1..35	Description of the form image format code. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
GraphicImage	/ShipAcceptResponse/ShipmentResults/Form/Image/GraphicImage	Cond	One	Base 64 Encoded	Variable Length	Base 64 encoded International forms image. Applicable only for ShipmentResponse and ShipAcceptResponse.								
FormGroupId	/ShipAcceptResponse/ShipmentResults/Form/FormGroupId	Cond	One	string	1...26	Unique Id for later retrieval of saved version of the completed international forms. Always returned when code = 0101 represents international forms. Applicable only for ShipmentResponse and ShipAcceptResponse.								
FormGroupIdName	/ShipAcceptResponse/ShipmentResults/Form/FormGroupIdName	No	One	string	1...50	Contains description text which identifies the group of International forms. This element is part of both request and response. This element does not appear on the forms. Applicable only for ShipmentResponse and ShipAcceptResponse.								
CODTurnInPage	/ShipAcceptResponse/ShipmentResults/CODTurnInPage	No	One	container	N/A	The container of the COD Turn In Page. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Image	/ShipAcceptResponse/ShipmentResults/CODTurnInPage/Image	Yes	One	container	N/A	The container of the image for COD Turn In Page. Applicable only for ShipmentResponse and ShipAcceptResponse.								
ImageFormat	/ShipAcceptResponse/ShipmentResults/CODTurnInPage/Image/ImageFormat	Yes	One	container	N/A	The container for format of COD Turn In Page. Applicable only for ShipmentResponse and ShipAcceptResponse.								
Code	/ShipAcceptResponse/ShipmentResults/CODTurnInPage/Image/ImageFormat/Code	Yes	One	String	4	Format code of the generated COD Turn In Page. Valid values: HTML = HTML format. Only HTML format is supported for COD Turn In Page. Applicable only for ShipmentResponse and ShipAcceptResponse.								

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules	Shipment Only	Return Only	CO	Nafta CO	Invoice	EEI	Partial IV
Description	/ShipAcceptResponse/ShipmentResults/CODTurnInPage/ImageFormat/Description	No	One	String	1...35	Description of the format code of generated COD Turn In page. Applicable only for ShipmentResponse and ShipAcceptResponse.								
GraphicImage	/ShipAcceptResponse/ShipmentResults/CODTurnInPage/Image/GraphicImage	Yes	One	Base 64 Encoded	Variable Length	Base 64 encoded html browser image rendering software. Applicable only for ShipmentResponse and ShipAcceptResponse.								

## The Void Web Services Reference

This section documents the details of the Void Web Services message, including the request that clients send to UPS and the response that UPS returns.

### Void Web Service

#### *Overview*

**Service Operations:** Void Shipment

#### *Shipment Operation*

**Type:** Request-Response (client sends a request to UPS, and the UPS server replies with a response)

**SOAPAction Header:** <http://wwwcie.ups.com/webservices/Void>

**Note:** The Void Operation is a *single pass* way to void a shipment. With a single transaction which sends a `VoidShipmentWebServicesRequest` and receives the `VoidShipmentWebServicesResponse` to confirm the void.



## Void Web Service Schema

Web Services can be used to Void a Shipment with UPS. Web Services requires only one XML document to process the Void Request and Void Response.

The following table describes all the elements in the VoidWebService message.

Note: The “Required” Column has four potential values:

Yes: *Always* required

No: *Always* optional

Yes\*: *Conditionally* required. The existence of this element is dependent on the existence of a higher level container. When the Container is present, this element **MUST** also be present.

Cond: Conditional. There are specific business rules for when this element should be present.

Each element is described with a Name, XPath, Required, Maximum Number of Elements Allowed, Type, Length, and Description.

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
Request	/VoidShipmentRequest/Request	Yes	One	Container		Request Container	N/A
RequestOption	/VoidShipmentRequest/Request/RequestOption	No	One	String	1	Optional processing. No options	Not used. Left for future uses
TransactionReference	/VoidShipmentRequest/Request/TransactionReference	No	One	Container	N/A	TransactionReference identifies transactions between client and server.	N/A
CustomerContext	/VoidShipmentRequest/Request/TransactionReference/CustomerContext	No	One	String	1...512	The client uses CustomerContext to synchronize request/response pairs. The client establishes CustomerContext, which can contain any information you want, as long as it is valid XML; it is echoed back by the server.	N/A
TransactionIdentifier	/VoidShipmentRequest/Request/TransactionReference/TransactionIdentifier	No	One	String	4	The Unique TransactionIdentifier for a given transaction.	Empty Tag. Not used. Left for future uses.
VoidShipment	/VoidShipmentRequest/VoidShipment	Yes	One	Container	1	The container for the Ship Void Request	N/A
ShipmentIdentificationNumber	/VoidShipmentRequest/VoidShipment/ShipmentIdentificationNumber	Yes	One	String	18	The shipments identification number	Alpha-numeric. Must pass 1Z rules. Must be upper case.
TrackingNumber	/VoidShipmentRequest/VoidShipment/TrackingNumber	No	One	String	18	The packages identification number	Alpha-numeric. Must pass 1Z rules. Must be upper case
VoidShipmentResponse	/VoidShipmentResponse	Yes	One	container	N/A	Void Response Container.	

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
Response	/VoidShipmentResponse/Response	Yes	One	container	N/A	Response Container.	
ResponseStatus	/VoidShipmentResponse/Response/ResponseStatus	Yes	One	container	N/A	Response Status Container.	
Code	/VoidShipmentResponse/Response/ResponseStatus/Code	Yes	One	string	1	Identifies the success or failure of the transaction. 1 = Successful	
Description	/VoidShipmentResponse/Response/ResponseStatus/Description	Yes	One	string	1-35	Describes Response Status Code. Returns text of Success	
Alert	/VoidShipmentResponse/Response/Alert	No	One	container	N/A	Alert Container. There can be zero to many alert containers with code and description.	
Code	/VoidShipmentResponse/Response/Alert/Code	Yes*	One	string	1-10	Warning code returned by the system.	
Description	/VoidShipmentResponse/Response/Alert/Description	Yes*	One	string	1-150	Warning messages returned by the system.	
TransactionReference	/VoidShipmentResponse/Response/TransactionReference	No	One	container	N/A	Transaction Reference Container.	
CustomerContext	/VoidShipmentResponse/Response/TransactionReference/CustomerContext	No	One	string	1-512	The CustomerContext Information which will be echoed during response.	
TransactionIdentifier	/VoidShipmentResponse/Response/TransactionReference/TransactionIdentifier	No	One	string	35	The Unique TransactionIdentifier Information for that transaction. This will be present only if requested in the request.	
SummaryResult	/VoidShipmentResponse/SummaryResult	Yes	One	Container	N/A	Container for the Summary Result	

Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
Status	/VoidShipmentResponse/SummaryResult/Status	Yes	One	Container	N/A	Container for the status of the Summary Result	
Code	/VoidShipmentResponse/SummaryResult/Status/Code	Yes	One	String	1	Code for the status of the Summary Result	
Description	/VoidShipmentResponse/SummaryResult/Status/Description	Yes	One	String	1-35	Description of the status of the Summary Result	
PackageLevelResult	/VoidShipmentResponse/PackageLevelResult	No	One	Container	N/A	Contains the Package Level Results	
TrackingNumber	/VoidShipmentResponse/PackageLevelResult/TrackingNumber	*Yes	One	String	18	The packages identification number	
Status	/VoidShipmentResponse/PackageLevelResult/Status	*Yes	One	Container	1	Contains the status code tags.	
Code	/VoidShipmentResponse/PackageLevelResult/Status/Code	*Yes	One	String	1	The Package Level void status code. A numeric value that describes the status code. 1 = Voided or Already Voided 0 = Not Voided	
Description	/VoidShipmentResponse/PackageLevelResult/Status/Description	*Yes	One	String	1..15	A text description of the status code.	

## Appendix A - Ship Web Services Error Codes

To discover errors, check the ResponseStatusCode element. A “1” normally indicates a successful response, whereas a “0” indicates an error, either Transient or Hard. When an error occurs there will also be an error code, and an error description.

- Success – Successful responses may or may not include **Warnings**.
  - (without warnings) Request is processed as anticipated by the client.
  - (with warnings) *Warning* messages indicate that UPS was able to process the request; however (potentially) unanticipated results have also occurred. The warning contains information in the response that should be passed to the end user.
- Errors – will return two different levels of severity.
  - *Transient* errors are temporary errors, due to temporary high server loads or scheduled maintenance, for example. The application may re-issue the request at a later time.
  - *Hard* errors indicate that an error existed in the request that UPS could not resolve. These errors are critical and prevent requests from processing.

Applications should not re-issue requests with Hard errors without first correcting the error.

The following table lists the errors that UPS may return in response to a request.

Error Code	Severity	Description
120020	Hard	Max packages per shipment exceeded
120021	Hard	The same shipment cannot be requested to be created more than once.
120100	Hard	Missing or invalid shipper number
120101	Hard	Missing or invalid shipper name
120102	Hard	Missing or invalid shipper address line 1
120103	Hard	Invalid shipper address line 2
120104	Hard	Invalid shipper address line 3
120105	Hard	Missing or invalid Shipper City
120106	Hard	Missing or invalid Shipper StateProvinceCode
120107	Hard	Missing or invalid Shipper PostalCode. (Description)
120108	Hard	Missing or invalid Shipper CountryCode
120109	Hard	Missing or invalid Shipper PhoneNumber
120110	Hard	Missing or invalid Shipper AttentionName
120111	Hard	Shipper EmailAddress cannot exceed a length of 50 characters
120112	Hard	Shipper EmailAddress is an invalid format
120113	Hard	Shipper number must contain alphanumeric characters only
120114	Hard	Shipper phone extension cannot exceed the length of 4.
120115	Hard	Shipper PhoneNumber must be at least 10 alphanumeric characters
120116	Hard	Shipper phone extension must contain only numbers
120117	Hard	Shipper phone extension is allowed only if the shipper is located in US, Puerto Rico or Canada
120118	Hard	Shipper phone extension is only valid if a phone number is given.
120120	Hard	The country associated with Shippers ShipperNumber must be the same as the shipments Shippers country.
120121	Hard	The Shippers shipper number cannot be used for the shipment.
120122	Hard	Invalid Shipper ShipperNumber
120124	Hard	The requested service is unavailable between the selected locations
120125	Hard	Consignee billing is only supported in US or Pureto Rico
120200	Hard	Missing or invalid ShipTo CompanyName

Error Code	Severity	Description
120201	Hard	Missing or invalid ShipTo AttentionName
120202	Hard	Missing or invalid ShipTo AddressLine1
120203	Hard	Invalid ShipTo AddressLine2
120204	Hard	Invalid ShipTo AddressLine3
120205	Hard	Missing or invalid ShipTo City
120206	Hard	Missing or invalid ShipTo StateProvinceCode
120207	Hard	Missing or invalid ShipTo PostalCode. (Description)
120208	Hard	Missing or invalid ShipTo CountryCode
120209	Hard	Missing or invalid ShipTo PhoneNumber
120210	Hard	ShipTo EmailAddress cannot exceed a length of 50 characters
120211	Hard	ShipTo EmailAddress is an invalid format
120212	Hard	ShipTo PhoneExtension cannot exceed the length of 4.
120213	Hard	ShipTo PhoneNumber must be at least 10 alphanumeric characters
120214	Hard	ShipTo PhoneExtension must contain only numbers
120216	Hard	ShipTo PhoneExtension is only valid if a phone number is given
120217	Hard	ShipTo phone number and phone extension together cannot be more than 15 digits long
120218	Hard	Missing or Invalid ShipTo tax identification. TaxID may not exceed a length of 15.
120300	Hard	Missing or invalid ShipFrom CompanyName
120301	Hard	Missing or invalid ShipFrom AttentionName
120302	Hard	Missing or invalid ShipFrom AddressLine1
120303	Hard	Invalid ShipFrom AddressLine2
120304	Hard	Invalid ShipFrom AddressLine3
120305	Hard	Missing or invalid ShipFrom City
120306	Hard	Missing or invalid ShipFrom StateProvinceCode
120307	Hard	Missing or invalid ShipFrom PostalCode. (Description)
120308	Hard	Missing or invalid ShipFrom CountryCode
120309	Hard	Missing or invalid ShipFrom PhoneNumber
120310	Hard	ShipFrom EmailAddress cannot exceed a length of 50 characters
120311	Hard	ShipFrom EmailAddress is an invalid format
120312	Hard	ShipFromPhoneExtension cannot exceed the length of 4.
120313	Hard	ShipFrom PhoneNumber must be at least 10 alphanumeric characters

Error Code	Severity	Description
120314	Hard	ShipFromPhoneExtension must contain only numbers
120316	Hard	ShipFromPhoneExtension is only valid if a phone number is given
120318	Hard	ShipFrom phone number and phone extension together cannot be more than 15 digits long
128125	Hard	Missing or Invalid ShipFrom tax identification
120400	Hard	Missing or invalid shipment payment method
120402	Hard	Missing or invalid credit card type
120403	Hard	Missing or invalid credit card number
120404	Hard	Missing or invalid credit card expiration date
120406	Hard	creditcard number is not valid for the credit card type
120407	Hard	The credit card provided as the payment method has expired.
120408	Hard	Missing credit card type
120412	Hard	UPS account number that was provided as the payment method is missing or invalid.
120414	Hard	Credit card authorization failed, contact your financial institution
120416	Hard	A single billing option is required per shipment
120417	Hard	The account number for FRS payment information is not FRS enabled
120437	Hard	Third party or freight collect shippers postal code is missing or invalid.,
120500	Hard	Missing or invalid Service Code
120501	Hard	Invalid Shipment ReferenceNumber Value
120502	Hard	InvoiceLineTotal/MonetaryValue must be greater than 0
120503	Hard	Shipment Description cannot exceed the length of 35 characters
120504	Hard	InvoiceLineTotal is not allowed for this shipment
120505	Hard	Saturday Delivery Option cannot be used for this shipment
120506	Hard	Invalid Shipment ReferenceNumber Code
120512	Hard	Shipment Description is required for this shipment.
120515	Hard	{ notification type} Memo cannot exceed the length of 150 characters
120517	Hard	The {order} Email Address used for { notification type} exceeds the maximum length of 50 characters
120518	Hard	The format of the {order} Email Address entered for { notification type} is invalid
120519	Hard	The {order} Email Address entered for { notification type} is missing or contains invalid characters
120522	Hard	Alternate Delivery Time is not valid for any available services
120523	Hard	Shipment DocumentsOnly is invalid with the shipments orgin/destination pair
120524	Hard	Package Pickup Request is not available with this shipments service



Error Code	Severity	Description
120526	Hard	InvoiceLineTotal MonetaryValue may not exceed the length of 8
120530	Hard	SuiteRoomID length of shipment pickup cannot exceed 8 characters
120531	Hard	FloorID length of shipment pickup cannot exceed 3 characters
120532	Hard	Location length of shipment pickup cannot exceed 11 characters
120533	Hard	The earliest shipment pickup time is required
120534	Hard	The latest shipment pickup time is required
120535	Hard	Contact name of shipment pickup is required
120536	Hard	Contact phone number of shipment pickup is required
120538	Hard	Shipment Pickup Error: (further description is provided in XML)
120549	Hard	Invalid ReferenceNumber BarCodeIndicator.
120597	Hard	Invalid COD currency code. Please use the destination country currency code.
120598	Hard	Package Delivery Confirmation is not allowed with the shipment origin/destination.
120600	Hard	Missing Package Packag ingType Code
120601	Hard	Missing or invalid Package weight
120602	Hard	Missing or invalid Combination of package length, width, and height values.
120603	Hard	Invalid Package Reference Value
120604	Hard	Invalid package declared value
120605	Hard	Mismatch package dimensions with package type
120606	Hard	Mismatch package dimensions, package type and package weight
120607	Hard	Invalid Package Reference Code
120608	Hard	Package weight is required
120609	Hard	All Package Dimensions are required and each must be grea ter than 0
120610	Hard	Invalid COD monetary value
120611	Hard	The contact name of verbal confirmation cannot exceed a length of 35
120612	Hard	The contact phone number of verbal confirmation cannot exceed the length of 15
120613	Hard	The contact phone number of verbal confirmation must be at least 10 alphanumeric characters
120614	Hard	The contact phone extension of verbal confirmation cannot exceed the length of 4
120615	Hard	The contact phone extension of verbal confirmation must contain numbers only
120616	Hard	Package weight cannot exceed a length of 6
120617	Hard	Package declared value cannot exceed a value of 999
120618	Hard	Contact name is required for verbal confirmation of delivery

Error Code	Severity	Description
120619	Hard	Contact phone number is required for verbal confirmation of delivery
120620	Hard	Package PackageWeight, Package DimensionalWeight, Package OversizePackage and Package Dimensions do not apply to UPS Envelopes
120621	Hard	Package declared value cannot be greater than {Monetary Amount} {Currency Code}
120622	Hard	Package description is required
120623	Hard	Invalid Package description
120624	Hard	Only one package is allowed for this movement.
120626	Hard	The COD Funds Code is invalid. Please check the value entered
120644	Hard	LabelDelivery is not valid with the shipment
120654	Hard	No more than two email addresses for Receiver Return Notification are allowed in a shipment.
120655	Hard	{0} of Receiver Return Notification is only allowed to be specified at the first package that has Receiver Return Notification.
120661	Hard	For a shipment, the maximum number of {0} allowed for Quantum View notification is 1.
120662	Hard	Invalid Subject Code of {Notification type}
120663	Hard	Invalid From name of {Notification tye}
120664	Hard	Invalid UndeliverableEMailAddress of {Notification type }
120665	Hard	Invalid FromEMailAddress of {Notification type}
120666	Hard	Missing or invalid subject text of {Notification type}
120704	Hard	Missing/Invalid LabelSpecification LabelStockSize Height
120705	Hard	Missing/Invalid LabelSpecification LabelStockSize Width.
120759	Hard	MovementReferenceNumber must contain alphanumeric characters only.
120760	Hard	MovementReferenceNumber must be a length of 18 characters.
120761	Hard	Invalid MovementReferenceNumber . The 3rd and 4th Character Must be the Shipper country ISO Code.
12080 1	Hard	Address Validation Error on Shipper address
120802	Hard	Address Validation Error on ShipTo address
120803	Hard	Address Validation Error on ShipFrom address
120900	Warning	User Id and Shipper Number combination is not qualified to receive negotiated rates.
120901	Warning	Negotiated rates are unavailable at this time
121005	Hard	The COD option cannot be combined with the Return Services option.
121015	Hard	The Saturday Delivery option cannot be combined with the Return Services option.
121020	Hard	The Delivery Confirmation option cannot be combined with the Return Services option.
121025	Hard	The maximum declared amount \$50,000 is exceeded

Error Code	Severity	Description
121030	Hard	Packages must weigh more than zero pounds.
121031	Hard	Packages must weigh more than zero kilogram
121035	Hard	{description}
121036	Hard	{description}
121040	Hard	The Return Services are unavailable with the requested service.
121045	Hard	The Saturday Delivery option is unavailable with the requested service.
121047	Hard	Saturday Delivery may not be combined with the package type for the given product.
121050	Hard	Package exceeds the maximum size total constraints { description}
121055	Hard	Package exceeds the maximum length constraint of {description} inches. .
121056	Hard	Package exceeds the maximum length constraint of {description} cm.
121057	Hard	The measurement system is not valid
121063	Hard	Accessorial cannot be shipped with the selected service.
121070	Hard	{Rating error description}.
121085	Hard	The requested accessory cannot be added to the shipment.
121087	Hard	The Authorized Return Service option is not allowed for shipments.
121090	Hard	{Rating error description}
121091	Hard	{Rating error description}
121100	Hard	The selected service is invalid for the shipment origin.
121105	Hard	The given accessory key is invalid for the shipment origin.
121106	Hard	The specified country, origin or dest, is not supported.
121107	Hard	A blank origin postal was specified.
121115	Hard	The COD amount must be greater than zero
121120	Hard	The COD amount cannot exceed \$1,000 when a cashiers check or money order is requested.
121121	Hard	The COD value enter ed exceeds the maximum allowed for cash of {amount} ({currency code})
121125	Hard	The COD amount cannot exceed \$50,000.
121126	Hard	The COD value entered exceeds the maximum allowed for check of {amount} ({currency code})
121135	Hard	The Saturday Pickup option cannot be combined with the Saturday Delivery option.
121140	Hard	Saturday Pickup is unavailable with the selected service.
121150	Hard	Delivery confirmation is unavailable with the selected service.
121155	Hard	The COD option is unavailable with the selected service, UPS account type, and/or with the shipments origin/destination pair.
121160	Hard	The accessory is invalid with the billing option.

Error Code	Severity	Description
121165	Hard	The Verbal Confirmation of Delivery option cannot be combined with the Return Services option.
121170	Hard	The Delivery Confirmation option cannot be combined with the Verbal Confirmation of Delivery option.
121175	Hard	Verbal Confirmation of Delivery is unavailable with the selected service.
121195	Hard	The selected billing option is unavailable with the selected service.
121196	Hard	The selected billing option is unavailable with UPS Letters.
121200	Hard	Saturday Delivery is unavailable to desired destination.
121211	Hard	A package-level accessorial is not available with the shipments origin/dest pair. (Description) will be a detailed description based on the shipment.
121205	Hard	Additional Handling is unavailable with the selected service.
121206	Hard	Additional Handling is unavailable with UPS Letters.
121208	Hard	UPS Next Day Air Early A.M. service is not available to the requested destination. Please select UPS Next Day Air service as an alternative.
121210	Hard	The selected service is not available from the origin to the destination.
121211	Hard	Rating Error: (Description)
121212	Hard	The requested package type is not allowed in a shipment from the origin to the destination
121213	Hard	{Rating error description}
121214	Hard	UPS cannot ship from the origin country to the destination country
121215	Hard	The selected service is not available to residential destinations.
121225	Hard	Return Services are unavailable to the given destination.
121230	Hard	Next Day Air Early AM Surcharge is unavailable with the selected service.
121231	Hard	Switzerland Domestic Container must weigh greater than 2 KG
121232	Hard	Worldwide Express Plus from Europe to Switzerland must be UPS Envelope or document only
121235	Hard	{rating error description}
121255	Hard	Shipper Duty Fee is unavailable with the selected service.
121260	Hard	Shipper Duty Fee is unavailable with the selected billing option.
121261	Hard	Accessory may not be combined with the product.
121262	Hard	Accessory may not be combined with the accessory.
121265	Hard	The selected billing option is unavailable to the desired country.
121266	Hard	The currency code is invalid for the shipment.
121267	Hard	The Ship From Country is invalid for the credit card.
121268	Hard	The Billing address Country is invalid for the credit card.
121285	Hard	{Rating error description}

Error Code	Severity	Description
121286	Hard	{Rating error description}
121290	Hard	The given billing option is invalid
121295	Hard	{Rating error description}
121315	Hard	The Authorized Return Service is unavailable with the selected accessorial.
121320	Hard	The Authorized Return Service is unavailable with the selected service.
121325	Hard	The Authorized Return Service is unavailable with the selected billing option.
121330	Hard	The Certificate of Origin is unavailable with the selected accessorial.
121335	Hard	The Certificate of Origin is unavailable with the selected service.
121340	Hard	The Certificate of Origin is unavailable with the selected billing option.
121345	Hard	The Shipper Export Declaration is unavailable with the selected accessorial.
121350	Hard	The Shipper Export Declaration is unavailable with the selected service.
121355	Hard	The Shipper Export Declaration is unavailable with the selected billing option.
121360	Hard	The Worldwide Express Plus Surcharge is unavailable with the selected service.
121363	Hard	The One Time Pickup Surcharge is unavailable with the selected service.
121365	Hard	Accessorial is not available with the selected access method.
121370	Hard	Invalid access method.
121375	Hard	Letter service is invalid for shipments with more than 1 package. International shipment cannot be made with multiple 10KG or 25KG packages
121460	Hard	Shipments cannot exceed a COD amount of \$5,000 when requesting a cashiers check or money order.
121500	Hard	{Rating error description}
121501	Hard	{Rating error Description}
121510	Hard	Unsupported package type type.
121511	Hard	Unsupported accessory type
121512	Hard	Unsupported billing option
121513	Hard	Unsupported service
121515	Warning	Weight of (actual weight) exceeds maximum for rating the requested container. Using standard package rates.
121520	Hard	The UPS account number specified for Transportation charges is invalid for Split Duty VAT shipment.
121521	Hard	Invalid payer of Duty and Tax
121523	Hard	Invalid GoodsNotInFreeCirculationIndicator
121524	Hard	The payer of Duty and Tax charges is not required for UPS Letter, Documents of No Commercial Value or Qualified Domestic Shipments.
121526	Hard	The payment method specified for Transportation charges is invalid for return service.

Error Code	Severity	Description
121530	Hard	The payer of Duty and Tax charges is required.
121531	Hard	Invalid SplitDutyVATIndicator
121532	Hard	The payer of Duty and Tax charges is invalid for Split Duty VAT shipment.
121534	Hard	The payer of Transportation charges and the payer of Duty and Tax charges must not be the same for Split Duty VAT shipment.
121535	Hard	The payer of Transportation charges is invalid for Split Duty VAT shipment.
121536	Hard	Bill Receiver is an invalid payer of an international return movement.
121538	Hard	For a domestic return movement, the payer of the freight must be in the country of the return movement.
121539	Hard	For an EU return movement, the payer of the freight must be in an EU country.
121801	Hard	{0}
121802	Hard	{0}
123005	Warning	(Description)
123010	Warning	Package(s) in this shipment contains a warning: (Description)
123020	Warning	Invalid Ship From postal code
123021	Warning	Invalid Ship To postal code
125000	Hard	Missing or invalid shipment digest.
129001	Warning	Additional Handling has automatically been set on Package (index of the package).
129002	Warning	An Extended Area Surcharge of (monetary value) has been added to the service cost.
129003	Warning	{Rating error description}
129004	Warning	{Rating error description}
129005	Warning	{Rating error description}
129006	Warning	{Rating error description}
129011	Hard	The maximum declared value amount for the 1-Attempt option is 999 USD
129012	Hard	The maximum declared value amount for the Print and Mail option is 999 USD
129014	Hard	The maximum declared value amount for the Electronic Delivery option is 999 USD
129015	Hard	The maximum declared value amount for the 3-Attempt option is 50,000 USD
129017	Warning	{Rating error description}.
129018	Warning	{Rating error description}.
129019	Hard	{Rating error description}
121156	Hard	Package Level COD is not valid for the shipment origin and/or destination
129022	Hard	This credit card has been locked due to multiple unsuccessful validation attempts. Please use another credit card to continue or try again later.

Error Code	Severity	Description
129057	Hard	Location ID may not exceed the length of 10
129070	Warning	{Rating error description}
128201	Hard	Invalid international forms form type for shipment with return service. Valid value is 01.
129058,	Hard	Shipper Number {0} does not support pallet Contract Service.
129059	Hard	Shipper Number {0} does not support Third Country Contract Service.
129076,	Hard	Pallets may not be included with other package types.
129077	Warning	A dimensional surcharge has been added to pallet {0}.
129078	Hard	The maximum dimensions for a pallet are 200 cm by 160 cm by 120 cm.
129079	Hard	The requested service is not valid with pallets with a weight greater than 1000kg. Please select Dedicated Package Courier Same Day Service.
129080	Hard	Pallet {0} exceeds maximum width.
129081	Hard	Pallet {0} exceeds maximum height.
129082	Hard	Pallet {0} exceeds maximum length.
129083	Hard	Pallet {0} exceeds maximum weight.
129090	Hard	Only future date pickup is available for pickup requests for the requested origin and destination and selected service
129085	Hard	Cannot combine declared value and shipper declared value in a shipment.
129086	Hard	GNIFC is not valid for Letters/Envelopes and documents with no commercial value.
120020	Hard	Max packages per shipment exceeded.
129100	Hard	Missing or invalid Freight class of commodity for Package.
129110	Hard	The NMFC prime code cannot be longer than 6 characters for package.
129111	Hard	The NMFC prime code must be numeric for package.,
129112	Hard	The NMFC prime code must be at least 4 digits for package.
129115	Hard	The NMFC sub code cannot be longer than 2 characters for package.
129116	Hard	The NMFC sub code must be numeric for package.,
129118	Hard	If an NMFC subclass is entered, the NMFC number must also be entered.
129088	Hard	Package Delivery Confirmation DCISNumber may not exceed a length of 11.
123060	Warning	{Rating Error Description} The weight exceeds the limit for the UPS Letter/Envelope rate and will be rated using the weight.
9120000	Transient	Ship web service is currently unavailable.
9120001	Hard	Invalid ship request type.
9120002	Hard	Missing return service code.
9120003	Hard	Unsupported package type.

Error Code	Severity	Description
9120004	Hard	Missing shipment information.
9120005	Hard	Missing shipper information.
9120006	Hard	Missing shipper address Information.
9120007	Hard	No more than 3 address line information can be given for shipper address.
9120025	Hard	Missing ship to information.
9120026	Hard	Missing ship to address information.
9120027	Hard	No more than 3 address line information can be given for ship to address.
9120045	Hard	Missing ship from information.
9120046	Hard	Missing ship from address information.
9120047	Hard	No more than 3 address line information can be given for ship from address.
9120065	Hard	Missing payment information.
9120066	Hard	Missing or invalid shipment charge information.
9120067	Hard	Missing or invalid shipment charge type.
9120068	Hard	Either credit card or account number information is needed but not both.
9120069	Hard	Credit card payment is not allowed for this shipment.
9120070	Hard	A single payment method is required per shipment charge.
9120071	Hard	Missing bill shipper credit card security code.
9120072	Hard	Missing credit card address line information.
9120073	Hard	No more than 3 address line information can be given for shipper credit card address.
9120074	Hard	Missing bill shipper credit card address city.
9120075	Hard	Missing bill shipper credit card address state province code.
9120076	Hard	Missing bill shipper credit card address postal code.
9120077	Hard	Missing bill shipper credit card address country code.
9120078	Hard	Missing bill receiver account number.
9120079	Hard	Missing bill third party account number.
9120080	Hard	Missing bill third party address information.
9120081	Hard	Missing or invalid country code of bill third party.
9120082	Hard	The payer of Transportation charges is required.
9120083	Hard	The payment information must be the same for both Transportation charges and Duty and Tax charges when Bill to Shipper or Bill to Receiver is specified as the payer.
9120084	Hard	A payer is required when specifying a shipment charge.
9120085	Hard	Missing FRS payment information



Error Code	Severity	Description
9120086	Hard	Missing FRS payment information type
129161	Hard	Missing or Invalid FRS payment information type code.
9120088	Hard	Missing account number for FRS payment
9120089	Hard	Missing address for FRS payment information
9120090	Hard	Missing country code for FRS payment information address
9120115	Hard	Missing service information.
9120116	Hard	Atleast one shipment rating option, either negotiated or FRS rates is required
9120118	Hard	No more than 2 shipment reference number can be given for {0}.
9120119	Hard	Missing shipment reference number value for {0}.
9120120	Hard	Missing invoice line total currency code.
9120121	Hard	Missing/Invalid invoice line total monetary value.
9120122	Hard	The saturday delivery option cannot be combined with the return services option
9120123	Hard	On call pickup is not available for this shipment
9120124	Hard	Missing pickup details information.
9120125	Hard	Missing pickup details pickup date.
9120126	Hard	Missing or invalid pickup details earliest time ready.
9120127	Hard	Missing or invalid pickup details latest time ready.
9120128	Hard	Missing pickup details contact information.
9120129	Hard	Missing pickup details contact phone number.
9120130	Hard	The COD option cannot be combined with the return services option.
9120131	Hard	Missing COD funds code for {0}.
9120132	Hard	Missing COD amount information for {0}.
9120133	Hard	Missing COD currency code for {0}.
9120134	Hard	Missing or invalid COD monetary value for {0}.
9120135	Hard	Missing or Invalid notification code.
9120136	Hard	No more than 3 shipment notification can be given per shipment.
9120137	Hard	Missing notification email information.
9120138	Hard	FromEMailAddress is not allowed in quantum view notification.
9120139	Hard	Subject is not allowed in quantum view notification.
9120140	Hard	Missing or invalid notification email address for quantum view notification.
9120141	Hard	For a shipment, the maximum number of email addresses allowed for quantum view notification is 5.

Error Code	Severity	Description
9120142	Hard	No more than 1 shipment notification can be given for return shipment.
9120143	Hard	For a return shipment, the maximum number of email addresses allowed for quantum view notification is 2.
9120144	Hard	LabelDelivery is not valid for the shipment.
9120145	Hard	Missing label delivery information.
9120146	Hard	Missing or invalid label delivery email address.
9120147	Hard	Missing label delivery from email address
9120200	Hard	Missing package information.
9120201	Hard	Missing package description.
9120202	Hard	Missing packaging code for package {0}.
9120203	Hard	Missing or invalid Combination of package length, width, and height values for package {0}.
9120204	Hard	Missing dimensions unit of measurement information for package {0}.
9120205	Hard	Missing dimensions unit of measurement code for package {0}.
9120206	Hard	Missing package weight unit of measurement information for package {0}.
9120207	Hard	Missing package weight unit of measurement code for package {0}.
9120208	Hard	Missing or invalid package weight for package {0}.
9120209	Hard	The delivery confirmation option cannot be combined with the return services option.
9120210	Hard	Missing delivery confirmation DCISType for package {0}.
9120211	Hard	Missing or invalid declared value currency code for package {0}.
9120212	Hard	Missing or invalid declared value monetary value for package {0}.
9120213	Hard	Shipper release is not allowed with return service.
9120214	Hard	The verbal confirmation of delivery option cannot be combined with the Return Services option.
9120215	Hard	Missing verbal confirmation phone number for package {0}.
9120216	Hard	Missing or invalid package notification code for package {0}.
9120217	Hard	Missing package notification email information for package {0}.
9120218	Hard	Missing or invalid notification email address for package {0}.
9120219	Hard	Receiver Return Notification is not allowed for the shipment without return service.
9120225	Hard	Missing commodity information for package{0}
9120226	Hard	Missing package NMFC prime code of commodity for package{0}
9120227	Hard	Missing package weight container information for package{0}
9120228	Hard	Missing packaging type for Package {0}.
9120241	Hard	Missing label specification information.

Error Code	Severity	Description
9120242	Hard	Missing label specification label image format.
9120243	Hard	Missing label specification label image format Code.
9120244	Hard	Missing label specification label stock size.
9120245	Hard	Invalid label specification label stock dimensions.
9120300	Hard	Cannot use multiple types of currency in a shipment.
9120301	Hard	A shipment can have only one type of unit of measurement for dimensions.
9120302	Hard	A shipment can have only one type of unit of measurement for a weight.
9120400	Hard	Missing or invalid shipment digest.
9120401	Hard	Invalid shipment object.
9120800	Hard	Missing contact information.
9120801	Hard	Missing sold to address information.
9120802	Hard	No more than 3 address line information can be given for sold to address.
9120803	Hard	Missing forward agent address information.
9120804	Hard	No more than 3 address line information can be given for forward agent address.
9120805	Hard	Missing intermediate consignee address information.
9120806	Hard	No more than 3 address line information can be given for intermediate consignee address.
9120807	Hard	Missing ultimate consignee address information.
9120808	Hard	No more than 3 address line information can be given for ultimate consignee address.
9120809	Hard	Missing producer information.
9120810	Hard	Missing producer address information.
9120811	Hard	No more than 3 address line information can be given for producer address.
9120812	Hard	Missing product weight information for product number {0}.
9120813	Hard	Missing product weight unit of measurement information for product number {0}.
9120814	Hard	Missing product unit information for product number {0}.
9120815	Hard	Missing product unit unit of measurement information for product number {0}.
9120816	Hard	Missing schedule B information for product number {0}.
9120817	Hard	Missing schedule B unit of measurement information for product number {0}.
9120818	Hard	Missing blanket period information.
9120819	Hard	Missing license information.
9121000	Hard	Invalid Ship Request Document
9129087	Hard	Invalid Shipment Delivery Confirmation Type

## Appendix B - Void Shipment Web Services Error Codes

To discover errors, check the `ResponseStatusCode` element. A “1” normally indicates a successful response, whereas a “0” indicates an error, either *Transient* or *Hard*. When an error occurs there will also be an error code, and an error description.

- Success – Successful responses may or may not include **Warnings**.
  - (without warnings) Request is processed as anticipated by the client.
  - (with warnings) *Warning* messages indicate that UPS was able to process the request; however (potentially) unanticipated results have also occurred. The warning contains information in the response that should be passed to the end user.
- Errors – will return two different levels of severity.
  - *Transient* errors are temporary errors, due to temporary high server loads or scheduled maintenance, for example. The application may re-issue the request at a later time.
  - *Hard* errors indicate that an error existed in the request that UPS could not resolve. These errors are critical and prevent requests from processing.

Applications should not re-issue requests with *Hard* errors without first correcting the error.

The following table lists the errors that UPS may return in response to a request.

Error Code	Severity	Description
190001	Transient	Void not available at this time. Please try again later.
190002	Transient	Invalid/Missing registration ID
190100	Hard	Invalid/Missing
190101	Hard	Time for voiding has expired.
190102	Hard	No shipment found within the allowed void period
190103	Hard	The Pickup Request associated with this shipment has already been completed
190104	Hard	A shipment with a Print Return Label accessory cannot be voided
190105	Hard	Pickup Cancellation is not Available on this Pickup Request
190106	Hard	Pickup Cancellation is not Available on this Pickup Request
190107	Hard	The Pickup Request associated with this shipment has previously been canceled
190108	Hard	The Pickup Request associated with this shipment cannot be canceled
190109	Hard	Must be alphanumeric and must be 18 digits exactly
190110	Hard	One or more packages selected to void do not exist in the given shipment
190111	Hard	The selected number of packages has exceeded the current limit
190112	Hard	A Return Service Shipment cannot be voided at the package level.
190113	Hard	International Shipments cannot be Voided at the Package Level
190114	Hard	Invalid Return Service Void Date
190115	Hard	Invalid Void Date
190116	Hard	A Label cannot be generated for a voided Return Service Shipment
190117	Hard	The Shipment has already been voided
190118	Hard	The shipment was not voided.
190119	Warning	The requested Void was successful, but the associated Pickup was not Cancelled
190121	Hard	None of the submitted packages were voided
190122	Hard	Package(s) {0} selected to void is(are) invalid
190123	Hard	Shipments containing a same day service are not eligible for voiding
9191000	Hard	Invalid Void Request Document

## Appendix C - Country Codes

UPS country code abbreviations generally follow the recommendations of the International Standards Organization, which publishes a list of currency abbreviations in ISO Standard 3166. The following table lists the ISO country codes that ISO had defined when this document was published. The latest information is available from the [ISO web site](#).

Please note that not all UPS services are available in every country. For more information on UPS services, refer to the latest *UPS Rate and Service Guide* available at <http://www.ups.com>.

Country Code	Country Name	Forward Origin	Return Origin
IE	Ireland	Yes	Yes
CH	Switzerland	Yes	Yes
PR	Puerto Rico	Yes	Yes
PT	Portugal	Yes	Yes
FI	Finland	Yes	Yes
FR	France	Yes	Yes
US	United States	Yes	Yes
GB	United Kingdom	Yes	Yes
DK	Denmark	Yes	Yes
JP	Japan	Yes	Yes
IT	Italy	Yes	Yes
CZ	Czech Republic	Yes	Yes
TW	Taiwan, Province of China	Yes	Yes
AU	Australia	Yes	Yes
AT	Austria	Yes	Yes
SE	Sweden	Yes	Yes
SG	Singapore	Yes	Yes
ES	Spain	Yes	Yes
CA	Canada	Yes	Yes
HU	Hungary	Yes	Yes
DE	Germany	Yes	Yes
BE	Belgium	Yes	Yes
MX	Mexico	Yes	Yes
CN	China	Yes	Yes
NL	Netherlands	Yes	Yes
HK	Hong Kong	Yes	Yes
RU	Russian Federation	Yes	Yes

Country Code	Country Name	Forward Origin	Return Origin
MY	Malaysia	Yes	Yes
PL	Poland	Yes	Yes
BW	Botswana		
BV	Bouvet Island		
BR	Brazil	Yes	Yes
BA	Bosnia and Herzegovina		
BJ	Benin		
BO	Bolivia		
BZ	Belize		
BN	Brunei Darussalam		
IO	British Indian Ocean Territory		
BT	Bhutan		
BY	Belarus		
KY	Cayman Islands		
CF	Central African Republic		
TD	Chad		
BM	Bermuda		
BG	Bulgaria		Yes
BI	Burundi		
CC	Cocos (Keeling) Islands		
CO	Colombia		Yes
BF	Burkina Faso		
KH	Cambodia		
CD	Congo, The Democratic Republic of		
CK	Cook Islands		
CR	Costa Rica	Yes	Yes
CM	Cameroon		
BB	Barbados		
CU	Cuba		
CY	Cyprus		Yes
CV	Cape Verde		



Country Code	Country Name	Forward Origin	Return Origin
CL	Chile	Yes	Yes
AZ	Azerbaijan		
AI	Anguilla		Yes
AQ	Antarctica		
EC	Ecuador		Yes
EG	Egypt		
SV	El Salvador		Yes
GQ	Equatorial Guinea		
ER	Eritrea		
EE	Estonia		Yes
ET	Ethiopia		
CX	Christmas Island		
FO	Faroe Islands		
FJ	Fiji		
KM	Comoros		
AO	Angola		
GF	French Guiana		
PF	French Polynesia		
TF	French Southern Territories		
GA	Gabon		
GM	Gambia		
CG	Congo		
CI	Côte Divoire		
GH	Ghana		
GI	Gibraltar		
GR	Greece	Yes	Yes
GL	Greenland		
GD	Grenada		Yes
GP	Guadeloupe		
GU	Guam		
GT	Guatemala	Yes	Yes

Country Code	Country Name	Forward Origin	Return Origin
HR	Croatia		Yes
AS	American Samoa		
BS	Bahamas		
GY	Guyana		
HT	Haiti		Yes
HM	Heard Island and Mcdonald Islands		
VA	Holy See (Vatican City State)		
HN	Honduras		Yes
BD	Bangladesh		
BH	Bahrain		
AW	Aruba		
IN	India	Yes	Yes
ID	Indonesia	Yes	Yes
AM	Armenia		
IQ	Iraq		
AR	Argentina	Yes	Yes
AL	Albania		Yes
AG	Antigua and Barbados		Yes
DJ	Djibouti		
JM	Jamaica		Yes
DO	Dominican Republic	Yes	Yes
JE	Jersey	Yes	Yes
JO	Jordan		
KZ	Kazakhstan		
KE	Kenya		
DM	Dominica		
FK	Falkland Islands (Malvinas)		
KR	Korea, Republic of	Yes	Yes
KW	Kuwait		
KG	Kyrgyzstan		
LA	Lao Peoples Democratic Republic		

Country Code	Country Name	Forward Origin	Return Origin
LV	Latvia		Yes
LB	Lebanon		Yes
AF	Afghanistan		
LR	Liberia		
LY	Libyan Arab Jamahiriya		
LI	Liechtenstein		Yes
LT	Lithuania		Yes
LU	Luxembourg		Yes
MO	Macao	Yes	Yes
MK	Macedonia, The Former Yugoslav Republic of		
MG	Madagascar		
MW	Malawi		
AD	Andorra		Yes
MV	Maldives		
ML	Mali		
MT	Malta		Yes
MH	Marshall Islands		
MQ	Martinique		Yes
MR	Mauritania		
MU	Mauritius		
YT	Mayotte		
GE	Georgia		
FM	Micronesia, Federated States of		
MD	Moldova, Republic of		
MC	Monaco		Yes
MN	Mongolia		
ME	Montenegro		Yes
MS	Montserrat		Yes
MA	Morocco		
MZ	Mozambique		
MM	Myanmar		

Country Code	Country Name	Forward Origin	Return Origin
NA	Namibia		
NR	Nauru		
NP	Nepal		
DZ	Algeria		
AN	Netherlands Antilles		
NC	New Caledonia		
NZ	New Zealand	Yes	Yes
NI	Nicaragua		Yes
NE	Niger		
NG	Nigeria		
NU	Niue		
NF	Norfolk Island		
MP	Northern Mariana Islands		
NO	Norway	Yes	Yes
OM	Oman		
PK	Pakistan		
PW	Palau		Yes
PS	Palestinian Territory, Occupied		
PA	Panama	Yes	Yes
PG	Papua New Guinea		
PY	Paraguay		Yes
PE	Peru		Yes
PH	Philippines	Yes	Yes
PN	Pitcairn		
GN	Guinea		
GG	Guernsey	Yes	Yes
GW	Guinea-Bissau		
QA	Qatar		
RE	Réunion		
RO	Romania	Yes	Yes
IS	Iceland		Yes

Country Code	Country Name	Forward Origin	Return Origin
RW	Rwanda		
SH	Saint Helena		
KN	Saint Kitts and Nevis		Yes
LC	Saint Lucia		Yes
PM	Saint Pierre and Miquelon		
VC	Saint Vincent and The Grenadines		Yes
WS	Samoa		
SM	San Marino		Yes
ST	Sao Tome and Principe		
SA	Saudi Arabia		Yes
SN	Senegal		
RS	Serbia		Yes
SC	Seychelles		
SL	Sierra Leone		
IR	Iran, Islamic Republic of		
SK	Slovakia		Yes
SI	Slovenia		Yes
SB	Solomon Islands		
SO	Somalia		
ZA	South Africa		Yes
GS	South Georgia and The South Sandwich Islands		
AX	Åland Islands		
LK	Sri Lanka		Yes
SD	Sudan		
SR	Suriname		Yes
SJ	Svalbard and Jan Mayen		
SZ	Swaziland		
IM	Isle of Man		
IL	Israel	Yes	Yes
SY	Syrian Arab Republic		
KI	Kiribati		

Country Code	Country Name	Forward Origin	Return Origin
TJ	Tajikistan		
TZ	Tanzania, United Republic of		
TH	Thailand	Yes	Yes
TL	Timor-Leste		
TG	Togo		
TK	Tokelau		
TO	Tonga		
TT	Trinidad and Tobago		
TN	Tunisia		Yes
TR	Turkey	Yes	Yes
TM	Turkmenistan		
TC	Turks and Caicos Islands		Yes
TV	Tuvalu		
UG	Uganda		
UA	Ukraine		Yes
AE	United Arab Emirates		
KP	Korea, Democratic Peoples Republic of		
LS	Lesotho		
UM	United States Minor Outlying Islands		
UY	Uruguay		Yes
UZ	Uzbekistan		
VU	Vanuatu		
VE	Venezuela		Yes
VN	Viet Nam	Yes	
VG	Virgin Islands, British		
VI	Virgin Islands, U.S.		Yes
WF	Wallis and Futuna		
EH	Western Sahara		
YE	Yemen		
ZM	Zambia		
ZW	Zimbabwe		

## Appendix C - Currency Codes

UPS currency code abbreviations generally follow the recommendations of the International Standards Organization, which publishes a list of currency abbreviations in ISO Standard 4217, for which the latest information is available from the [ISO web site](#). Exceptions are noted in bold in the table below.

Note that countries sometimes change their official currency. UPS may require some time after the introduction of a new currency before it can fully support that currency. In addition, UPS may continue to support the older currency for an interim period in order to provide backwards compatibility. UPS may also require the use of currencies other than the official currency for some countries. For the latest information, please contact your UPS Developer API representative.

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



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

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

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

Country/Region	Currency Name	Currency Code
Korea, Republic of	Won	KRW
Kuwait	Kuwaiti Dinar	KWD
Kyrgyzstan	Som	KGS
Lao Peoples Democratic Republic	Kip	LAK
Latvia	Latvian Lats	LVL
Lebanon	Lebanese Pound	LBP
Lesotho	Rand	ZAR
Loti	LSL	
Liberia	Liberian Dollar	LRD
Libyan Arab Jamahiriya	Libyan Dinar	LYD
Liechtenstein	Swiss Franc	CHF
Lithuania	Lithuanian Litas	LTL
Luxembourg	Euro	EUR
Macao	Pataca	MOP
Macedonia, The Former Yugoslav Republic of	Denar	MKD
Madagascar	Malagascy Ariary	MGA
Malawi	Kwacha	MWK
Malaysia	Malaysian Ringgit	MYR
Maldives	Rufiyaa	MVR
Mali	CFA Franc BCEAO	XOF
Malta	Euro	EUR
Marshall Islands	US Dollar	USD
Martinique	Euro	EUR
Mauritania	Ouguiya	MRO
Mauritius	Mauritius Rupee	MUR
Mayotte	Euro	EUR
Mexico	Mexican Peso	MXN
Mexican Unidad de Inversion (UID)	MXV	
Micronesia (Federated States of)	US Dollar	USD
Moldova, Republic of	Moldovan Leu	MDL
Monaco	Euro	EUR

Country/Region	Currency Name	Currency Code
Mongolia	Tugrik	MNT
Montenegro	Euro	EUR
Montserrat	East Caribbean Dollar	XCD
Morocco	Moroccan Dirham	MAD
Mozambique	Metical	MZN
Myanmar	Kyat	MMK
Namibia	Rand	ZAR
Namibian Dollar	NAD	
Nauru	Australian Dollar	AUD
Nepal	Nepalese Rupee	NPR
Netherlands	Euro	EUR
Netherlands Antilles	Netherlands Antillian Guilder	ANG
New Caledonia	CFP Franc	XPF
New Zealand	New Zealand Dollar	NZD
Nicaragua	Cordoba Oro	NIO
Niger	CFA Franc BCEAO	XOF
Nigeria	Naira	NGN
Niue	New Zealand Dollar	NZD
Norfolk Island	Australian Dollar	AUD
Northern Mariana Islands	US Dollar	USD
Norway	Norwegian Krone	NOK
Oman	Rial Omani	OMR
Pakistan	Pakistan Rupee	PKR
Palau	US Dollar	USD
Panama	Balboa	PAB
US Dollar	USD	
Papua New Guinea	Kina	PGK
Paraguay	Guarani	PYG
Peru	Nuevo Sol	PEN
Philippines	Philippine Peso	PHP
Pitcairn	New Zealand Dollar	NZD

Country/Region	Currency Name	Currency Code
Poland	Zloty	PLN
Portugal	Euro	EUR
Puerto Rico	US Dollar	USD
Qatar	Qatari Rial	QAR
Réunion	Euro	EUR
Romania	New Leu	RON
Russian Federation	Russian Ruble	RUB
Rwanda	Rwanda Franc	RWF
Saint Helena	Saint Helena Pound	SHP
Saint Kitts and Nevis	East Caribbean Dollar	XCD
Saint Lucia	East Caribbean Dollar	XCD
Saint Pierre and Miquelon	Euro	EUR
Saint Vincent and The Grenadines	East Caribbean Dollar	XCD
Samoa	Tala	WST
San Marino	Euro	EUR
São Tome and Principe	Dobra	STD
Saudi Arabia	Saudi Riyal	SAR
Senegal	CFA Franc BCEAO	XOF
Serbia	Serbian Dinar	RSD
Seychelles	Seychelles Rupee	SCR
Sierra Leone	Leone	SLL
Singapore	Singapore Dollar	SGD
Slovakia	Euro	EUR
Slovenia	Euro	EUR
Solomon Islands	Solomon Islands Dollar	SBD
Somalia	Somali Shilling	SOS
South Africa	Rand	ZAR
Spain	Euro	EUR
Sri Lanka	Sri Lanka Rupee	LKR
Sudan	Sudanese Dinar	SDD
Suriname	Surinam Dollar	SRD

Country/Region	Currency Name	Currency Code
Svalbard and Jan Mayen	Norwegian Krone	NOK
Swaziland	Lilangeni	SZL
Sweden	Swedish Krona	SEK
Switzerland	Swiss Franc	CHF
WIR Franc	CHW	
WIR Euro	CHE	
Syrian Arab Republic	Syrian Pound	SYP
Taiwan, Province of China	New Taiwan Dollar	TWD
Tajikistan	Somoni	TJS
Tanzania, United Republic of	Tanzanian Shilling	TZS
Thailand	Baht	THB
Timor-Leste	US Dollar	USD
Togo	CFA Franc BCEAO	XOF
Tokelau	New Zealand Dollar	NZD
Tonga	Paanga	TOP
Trinidad And Tobago	Trinidad and Tobago Dollar	TTD
Tunisia	Tunisian Dinar	TND
Turkey	New Turkish Lira	TRY
Turkmenistan	Manat	TMM
Turks And Caicos Islands	US Dollar	USD
Tuvalu	Australian Dollar	AUD
Uganda	Uganda Shilling	UGX
Ukraine	Hryvnia	UAH
United Arab Emirates	UAE Dirham	AED
United Kingdom	Pound Sterling	GBP
United States	US Dollar	USD
United States Minor Outlying Islands	US Dollar	USD
Uruguay	Peso Uruguayo	UYU
Uruguay Peso en Unidades Indexadas	UYI	
Uzbekistan	Uzbekistan Sum	UZS
Vanuatu	Vatu	VUV

Country/Region	Currency Name	Currency Code
Venezuela	Bolivar	VEB
Viet Nam	Dong	VND
Virgin Islands (British)	US Dollar	USD
Virgin Islands (US)	US Dollar	USD
Wallis And Futuna	CFP Franc	XPF
Western Sahara	Moroccan Dirham	MAD
Yemen	Yemeni Rial	YER
Zambia	Kwacha	ZMK
Zimbabwe	Zimbabwe Dollar	ZWD



## Appendix E – Service Codes

UPS offers a wide variety of package delivery services. The following tables list the service code values for these services; they are ordered by the origin of the shipment. The final table lists service codes for freight shipments. For more information on UPS services, refer to the latest *UPS Rate and Service Guide* available at <http://www.ups.com>.

Service Code	Description	Category
1	UPS Next Day Air®	United States Domestic Shipments
2	UPS Second Day Air®	United States Domestic Shipments
3	UPS Ground	United States Domestic Shipments
12	UPS Three-Day Select®	United States Domestic Shipments
13	UPS Next Day Air Saver®	United States Domestic Shipments
14	UPS Next Day Air® Early A.M. SM	United States Domestic Shipments
59	UPS Second Day Air A.M.®	United States Domestic Shipments
65	UPS Saver	United States Domestic Shipments
1	UPS Next Day Air®	Shipments Originating in United States
2	UPS Second Day Air®	Shipments Originating in United States
3	UPS Ground	Shipments Originating in United States
7	UPS Worldwide ExpressSM	Shipments Originating in United States
8	UPS Worldwide ExpeditedSM	Shipments Originating in United States
11	UPS Standard	Shipments Originating in United States
12	UPS Three-Day Select®	Shipments Originating in United States
14	UPS Next Day Air® Early A.M. SM	Shipments Originating in United States
54	UPS Worldwide Express PlusSM	Shipments Originating in United States
59	UPS Second Day Air A.M.®	Shipments Originating in United States
65	UPS Saver	Shipments Originating in United States
1	UPS Next Day Air®	Shipments Originating in Puerto Rico
2	UPS Second Day Air®	Shipments Originating in Puerto Rico
3	UPS Ground	Shipments Originating in Puerto Rico
7	UPS Worldwide ExpressSM	Shipments Originating in Puerto Rico
8	UPS Worldwide ExpeditedSM	Shipments Originating in Puerto Rico
14	UPS Next Day Air® Early A.M. SM	Shipments Originating in Puerto Rico
54	UPS Worldwide Express PlusSM	Shipments Originating in Puerto Rico

Service Code	Description	Category
65	UPS Saver	Shipments Originating in Puerto Rico
1	UPS Express	Shipments Originating in Canada
7	UPS Worldwide ExpressSM	Shipments Originating in Canada
8	UPS Worldwide ExpeditedSM	Shipments Originating in Canada
11	UPS Standard	Shipments Originating in Canada
12	UPS Three-Day Select®	Shipments Originating in Canada
13	UPS Saver SM	Shipments Originating in Canada
14	UPS Express Early A.M. SM	Shipments Originating in Canada
7	UPS Express	Shipments Originating in Mexico
8	UPS ExpeditedSM	Shipments Originating in Mexico
11	UPS Standard	Shipments Originating in Mexico
54	UPS Express Plus	Shipments Originating in Mexico
65	UPS Saver	Shipments Originating in Mexico
7	UPS Express	Polish Domestic Shipments
8	UPS ExpeditedSM	Polish Domestic Shipments
11	UPS Standard	Polish Domestic Shipments
54	UPS Worldwide Express PlusSM	Polish Domestic Shipments
65	UPS Saver	Polish Domestic Shipments
82	UPS Today StandardSM	Polish Domestic Shipments
83	UPS Today Dedicated CourierSM	Polish Domestic Shipments
85	UPS Today Express	Polish Domestic Shipments
86	UPS Today Express Saver	Polish Domestic Shipments
7	UPS Express	Shipments Originating in the European Union
8	UPS ExpeditedSM	Shipments Originating in the European Union
11	UPS Standard	Shipments Originating in the European Union
54	UPS Worldwide Express PlusSM	Shipments Originating in the European Union
65	UPS Saver	Shipments Originating in the European Union
7	UPS Express	Shipments Originating in Other Countries
8	UPS Worldwide ExpeditedSM	Shipments Originating in Other Countries

Service Code	Description	Category
11	UPS Standard	Shipments Originating in Other Countries
54	UPS Worldwide Express PlusSM	Shipments Originating in Other Countries
65	UPS Saver	Shipments Originating in Other Countries

## **Appendix F – Reference Number Codes**

Shipments and packages may include a reference number. The type of reference number may be indicated by a reference number code. The following table lists the reference number code values.

Code	Description
AJ	Accounts Receivable Customer Account
AT	Appropriation Number
BM	Bill of Lading Number
9V	Collect on Delivery (COD) Number
ON	Dealer Order Number
DP	Department Number
3Q	Food and Drug Administration (FDA) Product Code
IK	Invoice Number
MK	Manifest Key Number
MJ	Model Number
PM	Part Number
PC	Production Code
PO	Purchase Order Number
RQ	Purchase Request Number
RZ	Return Authorization Number
SA	Salesperson Number
SE	Serial Number
ST	Store Number
TN	Transaction Reference Number
EI	Employer's ID Number
TJ	Federal Taxpayer ID No.
SY	Social Security Number

## Appendix G - Paperless Invoice Supported Countries

The following table lists those countries that support paperless (electronic submission) invoices. **NOTE: Although a country may be prepared to accept Paperless Invoices, it is not guaranteed that all origins are allowed to send Paperless Invoices to such a country.**

Paperless Invoice countries are updated quarterly however guides are updated semi-annually in January and July. Changes may occur between releases of the guide.

<b>Country</b>
Albania
Angola
Argentina
Austria
Bahamas
Barbados
Belarus
Belgium
Bermuda
Bhutan
Bolivia
Bosnia
Brazil
Canada
China
Colombia
Costa Rica
Czech Republic
Denmark
Djibouti
Dominican Rep
Ecuador
El Salvador
Estonia
Finland
France
Gambia



Country
Georgia
Germany
Great Britain
Greece
Guam
Guatemala
Guyana
Honduras
Hong Kong
Hungary
India
Ireland
Israel
Italy
Jamaica
Japan
Kazakhstan
Kirghizia
Latvia
Libya
Lithuania
Luxembourg
Macau
Malaysia
Malta
Marshall Islands
Mauritania
Mexico
Nepal
Netherland Antilles
Netherlands

<b>Country</b>
New Zealand
Nicaragua
Norway
Panama
Paraguay
Peru
Philippines
Poland
Portugal
Puerto Rico
Reunion Is
Saudi Arabia
Serbia and Montenegro
Singapore
Slovenia
South Korea
Spain
Sweden
Taiwan
Tanzania
Thailand
Timor Leste
Trinidad and Tobago
United Arab Emirates
United States
Uruguay
Uzbekistan

## **Appendix H - International Forms Preference Criteria**

Preference criteria are required in North American Free Trade Agreement Certificate of Origin (NAFTA CO) documents. The following table lists the defined criteria and their use.

Criteria	Meaning
A	The good is "wholly obtained or produced entirely" in the territory of one or more of the NAFTA countries as referenced in Article 415. Note: The purchase of a good in the territory does not necessarily render it "wholly obtained or produced." If the good is an agricultural good, see also criterion F and Annex 703.2. (Reference: Article 401(a) and 415)
B	The good is produced entirely in the territory of one or more of the NAFTA countries and satisfies the specific rule of origin, set out in Annex 401, that applies to its tariff classification. The rule may include a tariff classification change, regional value-content requirement, or a combination thereof. The good must also satisfy all other applicable requirements of Chapter Four. If the good is an agricultural good, see also criterion F and Annex 703.2. (Reference: Article 401(b))
C	The good is produced entirely in the territory of one or more of the NAFTA countries exclusively from originating materials. Under this criterion, one or more of the materials may not fall within the definition of "wholly produced or obtained," as set out in Article 415. All materials used in the production of the good must qualify as "originating" by meeting the rules of Article 401(a) through (d). If the good is an agricultural good, see also criterion F and Annex 703.2. Reference: Article 401(c).
D	Goods are produced in the territory of one or more of the NAFTA countries but do not meet the applicable rule of origin, set out in Annex 401, because certain non-originating materials do not undergo the required change in tariff classification. The goods do nonetheless meet the regional value-content requirement specified in Article 401 (d). This criterion is limited to the following two circumstances: (1) The good was imported into the territory of a NAFTA country in an unassembled or disassembled form but was classified as an assembled good, pursuant to H.S. General Rule of Interpretation 2(a), or (2) The good incorporated one or more non-originating materials, provided for as parts under the H.S., which could not undergo a change in tariff classification because the heading provided for both the good and its parts and was not further subdivided into subheadings, or the subheading provided for both the good and its parts and was not further subdivided. Note: This criterion does not apply to Chapters 61 through 63 of the H.S. (Reference: Article 401(d))
E	Certain automatic data processing goods and their parts, specified in Annex 308.1, that do not originate in the territory are considered originating upon importation into the territory of a NAFTA country from the territory of another NAFTA country when the most-favored-nation tariff rate of the good conforms to the rate established in Annex 308.1 and is common to all NAFTA countries. (Reference: Annex 308.1)
F	The good is an originating agricultural good under preference criterion A, B, or C above and is not subject to a quantitative restriction in the importing NAFTA country because it is a "qualifying good" as defined in Annex 703.2, Section A or B (please specify). A good listed in Appendix 703.2B.7 is also exempt from quantitative restrictions and is eligible for NAFTA preferential tariff treatment if it meets the definition of "qualifying good" in Section A of Annex 703.2. Note: This criterion does not apply to goods that wholly originate in Canada or the United States and are imported into either country. Note: A tariff rate quota is not a quantitative restriction.

## **Appendix I - Hong Kong District Codes**

The following table lists the codes UPS uses to represent Hong Kong districts.

<b>Code</b>	<b>District</b>
SD1	ABERDEEN
AD	ADMIRALTY
SD2	AP LEI CHAU
CB	CAUSEWAY BAY
CD	CENTRAL
KT1	CHA KWO LING
CW1	CHAI WAN
CLK1	CHAK LAP KOK
ISL1	CHEUNG CHAU
CSW	CHEUNG SHA WAN
CH	CHOI HUNG
SD3	CHUNG HOM KOK
DH	DAIMOND HILL
SD4	DEEP WATER BAY
ISL2	DISCOVERY BAY
FL	FANLING
NP1	FORTRESS HILL
ST1	FOTAN
HV	HAPPY VALLEY
HMT	HO MAN TIN
HH	HUNGHOM
JD	JORDAN
NT1	KAM TIN
WD1	KENNEDY TOWN
KLB	KOWLOON BAY
KLC	KOWLOON CITY
KLT	KOWLOON TONG

Code	District
KC1	KWAI CHUNG
KC2	KWAI FONG
KC3	KWAI HING
KT2	KWUN TONG
LCK1	LAI CHI KOK
LCK2	LAI KING
LT3	LAM TIN
ISL3	LAMMA ISLAND
ISL4	LANTAU ISLAND
LF1	LOK FU
ST2	MA ON SHAN
LCK3	MEI FOO
SD5	MIDDLE BAY
ML1	MID-LEVEL
MK1	MONGKOK
WD2	MOUNT DAVIS
NTK	NGAU TAU KOK
NP2	NORTH POINT
ISL5	PING CHAU
SD6	POK FU LAM
MK2	PRINCE EDWARD
QB	QUARRY BAY
SD7	REPULSE BAY
SK	SAI KUNG
WD3	SAI WAN
SWH	SAI WAN HO
WD4	SAI YING PUN
SPK	SAN PO KONG
SS1	SHA TAU KOK
SSP	SHAM SHUI PO
NT2	SHAM TSENG

Code	District
ST3	SHATIN
SKW	SHAU KEI WAN
SKM	SHEK KIP MEI
NT4	SHEK KONG
SD8	SHEK O
WD5	SHEK TONG TSUI
SS2	SHEUNG SHUI
SW	SHEUNG WAN
SL	SHUN LEE
ST4	SIU LEK YUEN
CW2	SIU SAI WAN
SD9	SOUTH BAY
SD10	SOUTHERN DISTRICT
SD11	STANLEY
ML2	TAI HANG
TKT	TAI KOK TSUI
NT5	TAI LAM CHUNG
TP	TAI PO
SD12	TAI TAM
ST5	TAI WAI
NT6	TAP SHEK KOK
ML3	THE PEAK
NP3	TIN HAU
NT7	TIN SHUI WAI
SD13	TIN WAN
TKW	TO KWA WAN
TKO	TSEUNG KWAN O
TST1	TSIM SHA TSUI
TST2	TSIM SHA TSUI EAST
NT8	TSING LUNG TAU
TY	TSING YI



<b>Code</b>	<b>District</b>
TW	TSUEN WAN
TWS	TSZ WAN SHAN
NT9	TUEN MUN
CLK2	TUNG CHUNG
SD14	WAH FU
WC	WANCHAI
LF2	WANG TAU HOM
WD6	WESTERN DISTRICT
SD15	WONG CHUK HANG
WTS	WONG TAI SIN
YMT	YAU MA TEI
KT3	YAU TONG
NT10	YUEN LONG

## **Appendix J - Export License Exception Codes**

License exception codes may be used in lieu of an export license in Shipper Export Declaration (SED) forms. The following table lists the defined export codes.

Code	License Exception
AGR	Established for agricultural commodities to permit exports and re-exports to Cuba that is not specifically identified on the Commerce Control List (CCL) and is classified as EAR99.
APR	Items for export or re-export not controlled for nuclear nonproliferation, missile technology or crime control.
AVS	U.S. aircraft or foreign sojourn into foreign country.
BAG	Individual or exporting carriers crew members baggage.
CIV	National security items for civil end users.
CTP	Computer and parts of.
ENC	Encrypted software and hardware - financial institutions.
GBS	Export or re-export of Country Group B; controlled for national security reasons.
GFT	Gift shipments; packages to individuals, religious, charitable or education institutions, donations of basic needs.
GOV	Government shipments, covers shipments for U.S. government agencies, personnel or of cooperating foreign governments
KMI	Encrypted software and hardware.
LVS	Value of shipments limited.
NLR	No license required.
RPL	Servicing and replacement of parts and equipment, one for one replacement parts service or replacement of equipment.
TMP	Temporary exports, export and re-export of items temporary in U.S., export and re-export of beta test software.
TSPA	Software or technology outside the scope of export regulations.
TSR	Technology and software, national security reason, Country Group B.
TSU	Technology and software shipments, of basic requirements, data supporting prospective or actual bids, offers to sell, lease or supply an item. Software update for fixing programs, mass marketed software.

## Sample Shipping and Return Labels

The following figures are examples of UPS shipping and return labels.



Figure 1. Sample Shipping Label

<b>SHIP FROM ATTN NAME</b> 1234567890 >SPIDEY WEB DESIGNS 100 MAIN STREET PLANO TX 75093	<b>1 LBS</b>	<b>1 OF 1</b>
<b>SHIP TO:</b> MODINE 1234567890 1234 GUNTZ AUTO REPAIR 442 GLENWOOD AVE 442 GLENWOOD AVE 442 GLENWOOD AVE <b>ATLANTA GA 30076</b>	<b>RS</b>	
	<b>GA 301 9-01</b> 	
<b>UPS NEXT DAY AIR</b> TRACKING #: 1Z 123 S01 84 9399 4068	<b>1</b>	
		
<b>BILLING: 3RD PARTY</b> <b>DESC: International Goods</b> <b>RETURN SERVICE</b>		
<small>3001 02 09 01      NV45 64 0A 02/2007</small>		

Figure 2. Sample Return Label

## Shipping and Tracking Numbers for Testing

UPS has set aside several shipping identification and tracking numbers to help developers test their applications. These special numbers are only valid with the Customer Integration Environment at [wwwcie.ups.com](http://wwwcie.ups.com). The following table lists those special numbers and describes the results that developers should expect **when attempting a VoidShipmentRequest**. For each test case, the first number listed is a shipment identification number; additional numbers, if present, are tracking numbers.

Note that only these numbers may be used in the Customer Integration Environment when voiding shipments.

NUMBER(S)	EXPECTED RESULT
1ZISDE016691676846	A successful XML response will be returned for a shipment level void request.
1Z2220060290602143	A successful XML response will be returned for a shipment level void request.
1Z2220060294314162 and Tracking Number 1Z2220060291994175	A successful XML response will be returned for a package level void request. The request will void the package in the shipment.
1Z2220060292690189 and Tracking Number 1Z2220060292002190	A successful XML response will be returned for a package level void request. The request will void the package in the shipment.
1ZISDE016691609089 with Tracking Numbers 1ZISDE016694068891 and 1ZISDE016690889305	A successful XML response will be returned for a package level void request. The request will void all the packages.
1Z2220060290530202 with Tracking Number 1Z2220060293874210 and 1Z2220060292634221	A successful XML response will be returned with a partial void for a package level void request. The request will void package 1Z2220060293874210 but package 1Z2220060292634221 cannot be voided.

## Frequently Asked Questions – Shipping Package

API	Category	Question	Answer
Shipping	Account Based Rates (ABR) or Negotiated Rates	Do the Developer APIs support ABR also known as Negotiated Rates?	Yes. Shipping and Rating APIs both XML & Web Service Package Yes. LTL - Shipping & Rating APIs (only available in Web Services)
Shipping	CWT and Shipping API	Is there a solution using the ship API (or other solution) that would prompt UPS billing or PLD upload or other to aggregate single piece packages into hundredweight pricing (shipment) after the package has been processed?	Unfortunately, you are correct, there is no solution in place for the Ship API. In order to obtain the CWT price with the Ship API, the pkgs would have to be processed as one shipment and include the rates tags to receive the hundredweight rates.
Shipping	Account Based Rates (ABR) or Negotiated Rates	Is there a delay in activating a new or modified account in ABR for Rating or Shipping APIs?	<p>New Contracts or Plans: ABR will not reflect performance-tiered incentives until Monday of the second effective week of a new contract. This is a side effect caused by the way our Billing systems behave during the first week of a new contract. It requires one bill closeout to calculate the first week's volume. Basic incentives are available the first effective week.</p> <p>Re-started Contracts ABR will reflect basic and performance tiered incentives within 24 hours after the contract is re-started.</p> <p>Change to rolling average (for example, from 52 weeks to 13 weeks): ABR will not reflect performance-tiered incentives until Monday of the second effective week of a new contract.</p> <p>Addition of New Services to Existing Contracts: The new services on a contract will follow the timeframe described</p>

API	Category	Question	Answer
			<p>above for new contracts. Existing services on the contract will not be impacted and therefore ABR will not be impacted.</p> <p>Addition of New Accounts to Existing Contracts: ABR will reflect all incentives from the newly attached contract the following Monday. Accounts that were already on the existing contract are not impacted by the addition of new accounts.</p> <p>For new ABR customers (or a new account with an existing ABR customer), please set expectations that they will see only basic incentives during week 1 and all incentives at the start of week 2. Depending on the business processes that will use ABR, you may wish to suggest that they wait until Week 2 to start using the ABR rates.</p> <p>For existing ABR customers, please inform them that new services added to an existing contract will have the same delays as described above for a new contract, but that existing services on the contract would continue rating with ABR uninterrupted.</p> <p>For WorldShip, please consider a workaround by using the CCC for one week to estimate the expected performance tier and then remove the estimates CCC at the start of the second week. Because the CCC is a handling charge editor it is granular to the service, option, or surcharge, but not to a lane, zone, or weight.</p> <p>Important: All rate updates in WorldShip are automatic. There is no need to either create or re-enter a new rate access code.</p>



API	Category	Question	Answer
Shipping	Address Validation	How do I turn off validation of addresses with the Shipping API?	The value within the "ShipmentRequest/Request/RequestOption" tag of the request needs to be "nonvalidate".
Shipping	Address Validation	What validation is the Shipping API using to validate addresses for US and International addresses?	Shipping API does not do ANY address validation at the street level only regional validation; city, state, country (postal code optional).
Shipping	UPS Account	How do I add a UPS account to myUPS ID account summary? It is stating that I have to have an invoice # and control ID.	As a means of securing customer information, when adding an account to their My UPS profile or enroll for electronic billing options or Quantum View, customers are currently prompted to authenticate their account by entering an invoice number, invoice amount, and the invoice date from one of their last three billing cycles along with some other authentication items. Effective September 29, 2009, the Account Invoice Authentication (AIA) process was enhanced for My UPS and now requires customers to enter, in addition to the information listed earlier, the Control ID located just below the shipper number on their invoice. This enhancement is an additional layer of security to protect our customer's information. The Control ID is currently included in the following U.S. and Canada Invoice Media types:• Online PDF Images• EDI Domestic and Import• Hard Copy Invoices Since Control ID is not visible to UPSers internally, ECTS will be unable to assist customers as they could in the past since the Control ID is not visible to the help desk. However, ECTS can assist the customer in obtaining a duplicate invoice by faxing it to their business.
Shipping	Negotiated Rates	How do get access to negotiated Package rates?	Contact your Account Representative to obtain negotiated rates through the UPS Developer Kit - Developer APIs.

API	Category	Question	Answer
Shipping	Fuel Surcharge	Is the Fuel Surcharge listed as a separate line item in the response for the Rating API for LTL?	Yes. The fuel surcharge is listed as a separate line item within the response.
Shipping	Haz Mat - Dry Ice	Does the Shipping API for Package support the Dry Ice indicator?	No. The Shipping API does not support Hazardous Materials nor Dry Ice at this time.
Shipping	99 Account Number Limitation	How do I associate more than 99 account numbers for use with the Shipping/Rating APIs?	1) Shipping or Rating Package APIs require user ID, user PW, UPS Account and validates that the account number belongs to the user ID provided within the request. Answer: The Shipping or Rating APIs require that the account (shipper) number and User ID used in the XML request are associated within the My UPS Account summary of the User ID. This can be accomplished by logging in to UPS.com and navigating to [MyUPS]->[Manage My UPS]->[Account Summary]->[Add a UPS Account]. IMS validates the User ID/password combination. Please see "How do I add an account number to myUPS ID?" FAQ for further information. 2) Ship API requires an Access Key and validates only that the access key exists. Answer: The Shipping or Rating APIs validate that the access key exists and that it is approved for the UPS Developer APIs being used.
Shipping	Returns	Does the Shipping API support international returns and returns in international countries where the Shipping API is supported?	Yes
Shipping	Print Return Labels	For the print return label option, if a Yahoo merchant needs to reprint the return label, how much time does he have? Is it 10 days after the initial request?	UPS do not provide a mechanism to "reprint" a Print Return Label (PRL) the vendor must save the label locally if they wish to reprint. Only the ERL provides that capability.

API	Category	Question	Answer
Shipping	Delivery Intercept	Is UPS Delivery Intercept available through the Shipping API?	No.
Shipping	Shipper Release	Is Shipper Release available with the Shipping API?	Yes.
Shipping	Resi/Comm Indicator	Which APIs provide address classification?	Shipping, Rating, and Address Validation Street Level provide address classification (residential/commercial). Time in Transit and Address Validation do NOT provide classification.
Shipping	Returns	Is there a URL ONLY capability for returns within the Shipping API?	No.
Shipping	Returns	Can a Return be voided? If yes, what is the cutoff timing to void a return?	A customer can void an RS label up to 2am/3am the following night (e.g. Monday request, Tuesday 2am/3am void cutoff). This is based on when the batch process starts sending RS1/RS3 labels to the centers. After the cutoff, the customer will not be able to void, and the UPS agent is also not able to void. If the void is completed by the cutoff time then the customer will not be charged.
Shipping	Rural & Super Rural	Does the Shipping API - Package return Rural and Super Rural charges?	Yes the Shipping API will return rural and super rural charges but these charges are imbedded into the transportation charges.
Shipping	128 Reference Number Barcode	Can the Shipping API - Package generate a 128 Reference number barcode below the 1Z? Can it generate a PDF417 Reference number barcode below the 1Z?	Yes. A 128 Reference number barcode can be generated below the 1z number, as the Shipping API can print a barcode in reference field 1. The Shipping API - Package does not create a PDF417 as they are not required. The purpose of the PDF417 was as a backup in case the PLD did not transmit from a shipping system. That is not possible with the Shipping API - Package because a label is only returned after the receipt of PLD.
Shipping	Currency Conversion	Does the Shipping API - Package support conversion of Japanese Yen to US Dollars?	No. The Shipping API - Package does not support currency conversions.

API	Category	Question	Answer
Shipping	Address Validation	Will the Shipping API provide validation for Japanese addresses with City and Country and no zip code?	No, the postal code must be included for validation.
Shipping	Dry Ice	Does the Shipping API - Package support Dry Ice shipments?	No.
Shipping	From Suite/Apt# on Label	How does a customer include the Suite/Apt# within "From" address on the label returned for the Shipping API - Package?	The customer needs to include the suite/apt # in delivery address lines 2 or 3 within the request.
Shipping	High Value Report	How does the Shipping API - Package work with High Values? Does the paperwork comeback as a GIF image and get printed on a thermal printer? Or, does the customer need to produce this themselves?	The High Value Report is returned in four formats outlined within the Shipping API - Package portion of the developer guide. The customer is required to successfully produce a High Value Report as a GIF image in the certification process. That information is also within the developer guide.
Shipping	Pickup request	Can a Pickup be requested through the Shipping API - Package?	For customers implementing the Shipping API - Package after January 2010 there will not be the Pickup request capability. The customer must request the Pickup API - Package and these requests are approved only after the customer has implemented and certified for the Shipping API - Package. There are exceptions to this business rule in cases where customers are using EDI, Host Access, Electronic Manifesting Tool, or Host Manifest Upload and these requests are reviewed and approved on a case by case basis. For customers who implemented the Shipping API - Package prior to January 2010 they can request a pickup but they will be charged for each request regardless of the service type shipped. This changed with the new Rate and Service Guide for January 2010. Please review the Rate & Service Guide for more details about pickup charges and services.

API	Category	Question	Answer
Shipping	Label/Receipt	Does the Shipping API - Package provide a label and receipt but does not email a receipt for the user nor provide a confirmation number?	Correct. There is no receipt provided. In addition, Ship API only provides the ability to have the label mailed for Return Service Electronic Return Labels, for forward shipments the customer needs to handle emailing the label programmatically on their side.
Shipping	Reprinting Labels	Can a customer using the Shipping API reprint a label?	Unfortunately at this time the Shipping API does not provide the ability to reprint labels. This being the case to review shipping history or reprint labels the customer will need to login to ups.com using the user id and password passed in their XML, then navigate to the shipping history section. From this section of the website the customer can review shipments and reprint labels.
Shipping	Shipping History	Can a customer using the Shipping API view shipping history through the API?	The Shipping API does not provide a 'shipping history'. However, to review shipping history or reprint labels that were manifested via the Shipping API - Package the customer needs to login to ups.com using the myUPS User ID and password passed in their XML request, then navigate to the shipping history section. From this section of the website the customer can review shipments and reprint labels.
Shipping	Oracle	Are there any known issues with implementing Oracle with the Shipping API - Package?	UPS is not aware of any issues customers have implementing the Shipping API - Package using Oracle at this time. The UPS Developer APIs are designed so that they can be implemented in almost any environment as long as the customer application can open a secure connection of SSL and perform an HTTP Post.
Shipping	Paperless Invoice	Does the Shipping API - Package support Paperless Invoice?	Yes. The developer guide for the Shipping API - Package lists the valid countries for paperless invoice. See the AdditionalDocumentIndicator Element within the Interface Spec within the developer guide. Once the shipment is processed an EDI (paperless invoice) or EDI PULL (paperless invoice and additional export document indicator) will appear on the bottom right corner of the label image returned in the ShipAcceptResponse label digest. This indicates that Paperless Invoicing has been requested.

API	Category	Question	Answer
Shipping	Paperless Invoice	Can a Paperless Invoice shipment be voided through the Shipping API - Package? If yes, what happens to the invoice information?	Yes a Paperless Invoice shipment can be voided via the Shipping API - Package. If a shipment is voided and consequently the package is never tendered to UPS, then the paperless invoice data that was uploaded with the shipment is not used to create an invoice image and it is eventually purged.
Shipping	Ref Number 1 - Text Values on Label	Can a customer implementing the Shipping API - Package "rename" reference value one through the API...the customer would like the label printout to read "parcel ID" instead of Reference #1?	There is some limited ability to control the label for the reference number 1 using the Shipping API - Package. This is done using code values which correspond to specific text which will precede the reference number value. For example the code PO may be supplied in the XML and "Purchase Order" will print on the label next to the reference number. A complete list of Reference Number codes is available within the Developers Guide. Unfortunately, "parcel ID" is not listed as an available value.
Shipping	Resi/Comm Indicator	How does a customer flag the rate to Ship TO a residential destination?	Use the ResidentialAddress element outlined within the Shipping API - Package developer guide.
Shipping	Negotiated Rates	I need to know what additional flags and their values we will need in the XML submission to get the rate base on our negotiated plan?	Yes...utilizing the NegotiatedRatesIndicator within the API request the customer can view negotiated rates, provided they have been set up by their Account Representative for negotiated rates (Account Based Rates or ABR) within UPS systems for internet applications.
Shipping	Voids	How are voids processed?	For forward and return movements send a VoidShipmentRequest element and UPS will return a VoidShipmentResponse. Forward movements must be voided within 28 days of shipping. Return shipments must be voided within 24hours.
Shipping	Third Party Third Country Billing	A customer needs to have shipments picked up from a medical facility in Germany and delivered to a consolidation office in Germany; shipments picked up from a medical facility in France and delivered to a consolidation office in France, etc. is this	Thank you for your email. In performing some additional testing we have found that there are some scenarios that do support third party third country billing. However, an Account Number based in the origin country is still required even if it is not getting billed. This account number is contained in the Shipper element. A separate ShipFrom container is utilized if you are shipping from a different location than where the Account Number is registered. However, both locations must

API	Category	Question	Answer
		possible using the Shipping API?	be in the same country. For example your Account Number is registered in Atlanta but you are shipping from New York. Having said that, the PaymentInformation container specifies who actually gets billed. This is where you can select billing options such as Prepaid, Third Party etc. The Third Party Account Number would be held in this element. We have tested a few successful third country scenarios so theoretically you could ship packages within France, Germany, etc and bill a US Account Number but you would still need an Account Number within each of those countries or else you would receive the below error message:<ErrorDescription>The ShipFrom country must be the same as the Shipper country</ErrorDescription> So it appears that the Tool can support third party third country billing for certain scenarios based on what we have tested. However, due to the fact that an Account Number is required for the origin country as well it may sort of defeat the purpose for some customers depending upon how they intend to use the Tool. They could potentially create Account Numbers for each country just for use in the XML and then never bill anything to those accounts. This is assuming that third party third country would even work for the specific country combinations in question. Without having real Account Numbers from these countries to test with it is difficult to say with any real certainty whether or not it would work. The specific scenario we tested was a shipment going from the US to Germany but being billed to a Canadian Account Number. This combination produced a successful response from the Tool.
Shipping	Tracking Numbers	Can a customer create their own tracking numbers using the Shipping API - Package?	No...a customer cannot create their own tracking numbers using the Shipping API - Package.
Shipping	WorldEase	Does the Shipping API - Package support WorldEase?	No...the Shipping API - Package does not support WorldEase at this time.
Shipping	Returns	Does the Shipping API - Package support returns capabilities?	Yes.

API	Category	Question	Answer
Shipping	International Forms	Does the Shipping API - Package support international forms?	Yes.
Shipping	Label	Does the Web Services version of the Shipping API - Package behave differently in rendering a label than the XML version of the Shipping API - Package?	The Web Services Shipping API - Package behaves similarly as the XML Shipping API - Package in that the label elements returned in the Shipment Accept response consist of two parts, both of which are base64 encoded data which must be decoded. Part one consists of the label image and part two contains the HTML which is used to properly size the label image in a browser for display and printing. When the two parts are combined they form a unit which will satisfy the requirements for printing a proper label to apply to a package. This ensures the label will meet the standards necessary for UPS to scan and process the label within the shipping system.
Shipping	Electronic Return Label Days Available	Does the customer have to utilize the label recovery capability within the Ship API to reprint a print return label? Either way, how many days is the label available to reprint?	Effective with the January 2009 ER, the time limit for retrieving an Electronic Return Label has been extended to 30 days. The prior limit was 10 days. This is noted in the latest Shipping Developers Guide. Also, the latest Shipping Developers Guide no longer references label recovery and the LabelLinkIndicator is no longer listed in the Xpath. An Electronic Return Label is specified by using Shipment/ReturnService/Code "8" in the Shipment Confirm Request. The ERL email will contain a link to the label so the recipient can print the label to attach to a package.
Shipping	Maximum Packages within a shipment	Is there a difference between the Shipping API - Package Web Service versus XML versions in the number of packages that can be included within a forward movement?	There is no difference between the Shipping XML Tool and Web Service Tool regarding the maximum number of packages allowed for forward movements. The Web Service Developer Guide indicates 200 is the maximum.



API	Category	Question	Answer
Shipping	PLD Aging	How long after a label is created with the Ship API, do we "hold" the PLD? In other words, a customer set up on Scan Based Billing creates a label today but doesn't use it - how many days before the PLD is no longer available on our side to match with the label when it is used?	UPS holds the PLD for 90 days looking for scans. After 90 days closed loop billing business rules will kick in if the package enters the network.
Shipping	Returns	Are the Returns capabilities the same within the Web Service versus XML versions of the Shipping API - Package?	Yes. The Returns capabilities are the same.
Shipping			Pickups are no longer billed per package and based on service type. There is now a flat pickup charge per request for all service types.
Shipping			To be removed from Scan-Based Billing, process a billing message to Columbia with "SBB" as the first words in the message. Including the account number(s), account name(s) and the reason for wanting to switch back to PLD billing and send the request to sbbadmin@ups.com. Make sure you include "SBB Customer Removal" in the subject line of the e-mail. Columbia will answer the customer's questions and remove them from Scan-Based Billing, if necessary.

API	Category	Question	Answer
Shipping	Reference Number Rules	What does the Shipping API - Package support in terms of Reference Numbers?	<p>Supports Two Shipment Level Reference Numbers and two package level reference numbers You cannot use the Shipment Level and Package Level Reference numbers at the same time within a SHIP API shipment.</p> <p>Shipment Level Reference Numbers are only allowed for shipments that are not US to US (origin\destination) or PR to PR (origin\destination)</p> <p>Package Level Reference Numbers are only allowed for shipments that are US to US (origin\destination) or PR to PR (origin\destination).</p> <p>Reference Number Propagation</p> <p>1. In a Ship API Shipment, if there is no Package Lvl. Ref# on the 1st package of the shipment, the Shipment Lvl. reference number(s) will be propagated to all packages.</p> <p>Reference Number Propagation</p> <p>In a Ship API Shipment, if there is no Shipment level reference number and there is Package Lvl. reference number on the 1st package, the 1st package's reference number will be propagated up to the Shipment Lvl.</p>
Shipping	Paperless Invoice Shipment	How does Paperless Invoice work in terms of the documentation being forwarded?	Those customers setup for paperless invoicing shipping internationally to a paperless supported country with the necessary data for paperless will have the invoice automatically sent to brokerage.
Shipping	Consolidation	Will the AF Shipping API allow for shipment consolidation?	No. Each shipment processed will have a unique shipment ID, otherwise known as the shipment or tracking number. Each shipment processed will be rated on the basis of the total actual weight or dimensional weight if applicable of each shipment.
Shipping	Account Numbers	Does the user of the AF API need to have an SCS account number (9 digit number)?	In order for contract rates to be applied by E2K an SCS 9 digit account number must be established. A user could send only the 6 digit package account number to E2K but the contract rates would be apply unless an SCS 9 digit account number has been created and it has been linked to the 6 digit account number via the ALT-ID process.

API	Category	Question	Answer
Shipping	Pick Up Request or PRQ Validation	Will the AF tools create a pick up request in E2K?	A pickup request will be created in PRQ (E2K) after validation by E2K that the pickup is within the parameters required for the pickup to be completed. If the pick up request is for a time that is beyond the cut off time for the shipper location, E2K will return a message to the user that the pick up can not be completed. A new pickup date and time would have to be sent to E2K that would fit the parameters for a successful completion of the pick up.
Shipping	Pre-authorization Requirement	Will pre-authorizations be required in order to complete an AF shipment containing certain parameters?	Yes. If a pre-authorization condition exists based on the shipment parameters that may include service requested, lane pair, dimensions, restricted lane capacity, haz mat, oversized shipments or any other combination that fits a pre-authorization required scenario, the user will be returned a message from E2K indicating that a Pre-authorization approval is required. The user must call their UPS-SCS customer service to determine the approval status of the shipment.
Shipping	Pick Up Request Cancellation	Can a shipment be cancelled after a pick up request has been sent?	A Shipper who wants to cancel a pickup will need to contact SCS Kansas City Customer Service (KCS) at 866-696-3656 or the Origin service center manually.
Shipping	Payment Types Allowed	What are the payment types that will be allowed by the AF API user?	The valid payment types are Prepaid, Collect and Third Party Billing. A Third Party Bill to must be either in the country of origin or the country of destination. Third Party, Third Country billing is not allowed.
Shipping	Imperial or Metric Values	Can the call to the API include either Metric or Imperial	Yes, The Web Service will validate for the following values: IMPERIAL METRIC (Imperial = Pounds & Inches Metric = Kilograms & Centimeters)
Shipping	Maximum Number of Pieces	What is the maximum number of pieces that can be in a shipment?	The maximum number of pieces is 99 for one shipment.
Shipping	Maximum Number of Reference Numbers	What is the maximum number of reference numbers that can be associated to a shipment?	The maximum number of reference numbers is 200.

API	Category	Question	Answer
Shipping	Shipment Numbers	Where do the Shipment Numbers come from that are assigned to the shipment and that print on the HAWB?	A Shipment number is returned from the UPS E2K system and is 10 digits and includes the check digit..
Shipping	Invoicing	Will my invoice be the same as my current UPS package invoice?	It is important to be aware that the final invoice cannot actually be "billed" to a UPS package account # . The UPS-SCS invoicing system is totally separate from the package system. We can only print the 6 character UPS package account on the SCS branded invoice.
Shipping	Operations	How do I know if a pickup can be made today when my shipment is processed?	When the pickup request is sent to UPS, our system will check to ensure that the Shipper location is within an area that will allow UPS to make the pickup before the local cut off time for that area. When UPS confirms the pickup time, date and location is available we will sent a confirmation back electronically. This confirmation is known as the PRQ number or Pick Up Request confirmation number.
Shipping	Operations	How do I know if the service level I requested is available for the location I am shipping to?	When shipment data is sent to UPS electronically, the UPS systems will check the data against all the business rules that are in place for the origin and destination. Your shipment will only be allowed to be processed and a PRQ number assigned if all aspects of the shipment are acceptable.
Shipping	Shipping	In a large Strategic Account can they utilize the same UPS Account Number and change the ShipFrom element in the transaction request so the package will be picked up at their ShipFrom but be billed to the UPS Account?	The ShipFrom can be changed to represent from where the packages will be picked up as long as the country code is the same as the ShipperAddress.
Shipping	Labeling	Does the Shipping API support ASC BIO labels like WorldShip does?	The Ship API does not support ASC BIO on the label it is a contract service and the PLD segments required to ship with this service are not available currently via the Ship API.

API	Category	Question	Answer
Shipping	Label Reference Number	Can any of the reference fields be blocked from printing on the label through a Shipping API?	At this time we are unaware of a facility which suppresses reference number printing on the label when they are included in the shipment data. However, please note that reference numbers are not required and may be omitted if there is no need for them. Based on the information provided, if the customer is using reference numbers and does not want them to appear on the label, we would suggest they store them internally within their client application and then not pass them to UPS when creating shipments. This would also preclude them from being available within UPS' data and they would need to be managed outside of UPS.
Shipping	Certification	What is required to certify for the Shipping API - Package?	The information below is needed for your approval and use of the Shipping Tool even if it is a return service. We also need your user id, password, and access key for this process. The information requested is necessary for eDeployment to grant you approval. UPS requires the your development team to submit a test case with a Declared Value exceeding \$999 USD and to capture a deliver a copy of the High Value Report to the UPS Implementation Support Team for certification. Approval is granted based on the validity of 39 files submitted with the correct extensions. The required files should be as follows: <ul style="list-style-type: none"> <li>• ShipConfirms (10) Extension: Name.XML</li> <li>• ShipAccepts (10) Extension: Name.XML</li> <li>• Label Images (05) Extension: Name.GIF</li> <li>• Scaling Information (05) Extension: Name.HTML</li> <li>• Void Documents (08) Extension: Name.XML</li> <li>• Declared Value Report (01) Extension: Name .GIF</li> </ul>
Shipping	Signature Required	Does the Shipping API - Package support Signature Required service?	Yes.
Shipping	Future Date Shipping	Is there a future date shipping capability within the Shipping API - Package?	No. We do not support future date shipping. However, if the customer saves the shipment digest or the shipment confirm response they can submit that at a later time frame (future date).

API	Category	Question	Answer
Shipping	Paperless Invoice Conditions	What are the pre-conditions required for a customer to be set up on Paperless Invoice?	<p>The following information regarding paperless invoicing using the OnLine Tools which are listed below:</p> <ol style="list-style-type: none"> <li>1. The Sold To country must be the same as the Ship To country.</li> <li>2. The customer must have a paperless invoice contract and be set up in UPS back end systems. (The UPS Account Manager should set this up.)</li> <li>3. The shipment is a non-document package forward shipment requiring a commercial invoice.</li> <li>4. The destination country is a valid paperless invoice destination. (A list of those destinations is available in the Developer's Guide.)</li> <li>5. If additional export documents are required for the movement, the customer must specify an &lt;AdditionalDocumentIndicator/&gt; in the XML request.</li> </ol> <p>If the above conditions have been met an EDI (paperless invoice) or EDI PULL (paperless invoice and additional export document indicator) will appear on the bottom right corner of the label which is returned in the ShipAcceptResponse XML. This indicates that Paperless Invoicing has been requested.</p> <p>To implement paperless invoicing an &lt;InternationalForms&gt; container must be present in the XML to provide the information necessary to replace a paper invoice with a paperless (electronic) invoice. There is a section devoted to International Forms in the Developer's Guide which provides the XML structure for Certificate of Origin (CO), Invoice, North American Free Trade Agreement Certificate of Origin (NAFTA CO), or Shipper's Export Declaration (SED) as appropriate. The shipper needs to add the container along with the necessary international forms information for the shipment.</p>
All	General - security	Does UPS support chained or unchained digital certificates?	Currently, the Ship API uses an unchained cert which will be migrated to chained Sept '09. In the case of the Ship API, INET is responsible for those urls and corresponding Digital Certs. They are being renewed at the end of this month as unchained. They will migrate to chained in Sept '09.
All	API availability	Within what countries are the Developer APIs available?	The Developer APIs are available in the countries listed at ups.com by API and by country under the UPS Developer Kit - Developer APIs.

API	Category	Question	Answer
			Click on any particular API to go to the API page and scroll to the bottom of the page to get the country listing for that particular API.
All	Mail Innovations	Is Mail Innovations available within any of the Developer APIs?	There is no UPS API available for Mail Innovations services at this time nor did we see one at <a href="http://www.upsmailinnovations.com">http://www.upsmailinnovations.com</a> . Additionally we are not aware of any plans to support the services through the UPS Developer APIs. The customer may however contact a Mail Innovations representative by clicking the Support tab of the site for any additional questions or concerns.
All	UPS Logos High Resolution	How do I get access to higher resolution logos than what are available within the downloads for the UPS Developer Kit - Developer APIs?	Customers are not routinely provided these UPS shield graphics without having a design/layout submitted to UPS Brand Management for approval. The customer needs to visit: <a href="https://www.upsbrandexchange.com/forward.do?destination=brandHome">https://www.upsbrandexchange.com/forward.do?destination=brandHome</a> This site will take them through the process for downloading a limited set of sample images for layout, and how to secure an approval for customer use, as well as the high-resolution graphics.
All	Technical Support email form	Is XPCI a required field within the email support form?	No.
All	Technical Support email form	From where is XPCI version number obtained and what does it mean?	XPCI stands for XML Package Carrier Interface (XPCI) and defines a vocabulary and structure for describing packages, shipments, and the activity details for package carriers and their customers. XPCI is a set of DTDs that defines the terminology, transaction enveloping, and XML message definitions. For a client to be XPCI-compliant, the client must generate a well-formed XML message that validates against the XPCI DTDs. Several DTDs, organized into three categories, define XPCI:  Vocabulary — This DTD defines the basic business vocabulary of XPCI. All tags used in a message are defined in this DTD. Interchange — This DTD defines the transaction-enveloping scheme. Every message includes transaction information. Message — Each message has an associated DTD that defines the vocabulary of the message.

API	Category	Question	Answer
			The version and date would have been related to versioning however the APIs were not versioned so they currently do not carry significance. They remain as part of the APIs so that in the event they are versioned, we have these elements "just in case".
All	Technical Support	How do I get technical support for the APIs at ups.com?	Go to the Developer Resource Center and select email support under the UPS Developer Kit Support Column.
All	Characters	Can Japanese Kanji character be recognized by UPS Developer APIs?	No.
All	Basic	Do any of the Developer APIs support Basic service?	No. Basic is not supported within the Rating or Shipping APIs but is supported within the Tracking API available within the UPS Developer Kit - Developer APIs.
All	System Down-Times	Are there any designated system down times for the Developer APIs?	<p>Yes. The overall reserved downtime for the CGI servers is Saturday 10:00 PM ET through Sunday 12:00 PM ET. However, often the window is shortened to two 15 minute intervals with one starting at 11 PM and the other occurring sometime between 1 and 3 AM ET Sunday morning for most weekends.</p> <p>The back end goes through numerous updates typically beginning at 11:00PM Saturday through 4:00AM Sunday. Typically traffic is handled in such a way that there is very little impact to customers, and any impact which does occur does so in the 15 minute intervals mentioned previously. Having said this as this entire time is reserved for maintenance we inform customers of the possibility of experiencing issues throughout this time period so that if there are any issues which occur during maintenance we have a time window to troubleshoot and perform measures to resolve. On Sunday, the maintenance is really relegated to just ABR</p>
All	ASMX	Are the Web Services versions of the APIs ASMX based?	No. All Web Services are XML based. This is described in the section 'UPS OnLine Tools Technologies' of every developer's guide
All	Web Services - Empty folders	The ship_dev_guide and Ship_Reference_guide folders have	Unfortunately code samples are not provided with the Shipping API - Web Services version. The reason being is that a WSDL is included



API	Category	Question	Answer
	within the documentation zip file.	some sub folders that look like they should contain some code examples / samples but they are all empty? XML_Samples Visual_Basic Code_samples All empty?	which provides all of the necessary information needed to successfully implement the API. These folders are typically utilized in the XML version of the APIs as there is no WSDL present. If the customer wishes to view the samples contained in the Shipping API they can download the documentation by logging into UPS.com, navigating to the UPS Developer Kit, and then clicking on the Shipping API link.
All	Pointing to the wrong URL for API	I keep getting, "XML document is well formed but the document is not valid." error message. What am I doing wrong?	<p>The "XML document is well formed but the document is not valid" error message is generally returned when an element in the XML request does not adhere to the formatting defined within the Xpath section of that API's developer guide. When the API returns this error it indicates the field which is not valid in the ErrorLocationElementName element in the XML response. When we test the XML provided by you earlier in this email chain we are able to receive a successful response. This would indicate that you may be posting to an incorrect URL. The error message returned from the API should have contained a line similar to the following:</p> <pre>&lt;ErrorLocationElementName&gt;XPATh TO FIRST ELEMENT WHERE XML DOESN'T MATCH EXPECTED FORMAT&lt;/ErrorLocationElementName&gt;</pre> <p>As previously stated, this element is included in the XML error response to point you to the element of the posted request which is not valid for the Tool. When further clarification is needed you can look up the element in question in the Xpath section of the Developer Guide for the particular API. If this element lists another API's request such as "TrackRequest" it would indicate that you are posting to that API's URL and need to adjust the URL you are sending your XML to.</p>
All	Phone Support	Is phone support provided for the UPS Developer Kit - Developer APIs? If so, what is the number and what are the hours of operation?	Yes. Phone support is provided at 1st Level only and for basic API questions. This includes integration questions and production questions. However, customers questions that cannot be answered verbally will be directed to the email support form at ups.com to escalate to 3rd level via email.

API	Category	Question	Answer
			Phone Support Hours: M-F 730am- 9pm EST Sa-Su 9am - 6pm EST 877.289.6420
All	Examples of API Implementations	Are there any examples of implementations that we can review to understand how best to utilize the APIs?	<p>We do not share customer implementations of our tools amongst customers. On occasion we do post case studies on ups.com and articles in customer-facing newsletters, but that is only after gaining permission from the customer and working with Legal, Customer Communications, etc.</p> <p>Please understand that the XML tool is only data, which is transparent to the end user. How the developer implements the tool and presents results back to the end user can vary from web site to web site. These web sites may not highlight the full functionality of the tool. We need to be able to describe the value proposition of the tool without depending on another customer's usage.</p>
All	Code languages supported	Do the APIs support PHP or Perl with code sample within the Developer Guides or the developer kit zip files?	No. We do not currently support PHP or Perl with sample code.

**Shipping Package  
Web Services  
Developers Guide**

December 21, 2009



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