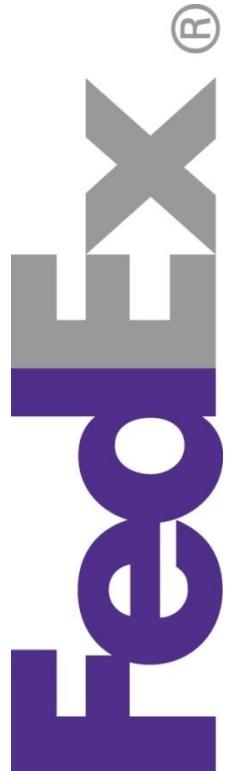


FedEx Web Services  
2015



## Ship Service





## Legal and Copyright Notices

### Payment

You must remit payment in accordance with the FedEx Service Guide, tariff, service agreement or other terms or instructions provided to you by FedEx from time to time. You may not withhold payment on any shipments because of equipment failure or for the failure of FedEx to repair or replace any equipment.

### Inaccurate Invoices

If you generate an inaccurate invoice, FedEx® may bill or refund to you the difference according to the *FedEx Service Guide*, tariff service agreement or other terms or instructions provided to you by FedEx from time to time. A request for refund on a FedEx shipment must be made in accordance with the applicable Service Guide or terms or instructions provided by FedEx from time to time. A shipment given to FedEx with incorrect information is not eligible for refund under any FedEx money-back guarantee. FedEx may suspend any applicable money-back guarantee in the event of equipment failure or if it becomes inoperative.

### Confidential and Proprietary

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### Disclaimer

All Improper Transaction scenarios are for example only. They do not reflect all error condition scenarios.



## About This Guide

This guide describes how to integrate with FedEx Web Services.

It is written for the application developer who uses web services to design and deploy applications enabled by FedEx. It describes how to get started with application development and how to use the Application Programming Interface (API). It also describes each available service in addition to the business logic that drives each FedEx process.

## Document Organization

Each web service provides access to FedEx features. The service description includes service details and a full schema listing to facilitate application development.

## Resources

- FedEx Developer Resource Center: [fedex.com/developer](http://fedex.com/developer)
- FedEx Services At-a-Glance: [fedex.com/us/services](http://fedex.com/us/services)
- *FedEx Service Guide* available at [fedex.com/us/service-guide](http://fedex.com/us/service-guide)
- Microsoft Web Services: [msdn.microsoft.com/en-us/library/ms950421.aspx](http://msdn.microsoft.com/en-us/library/ms950421.aspx)
- O'Reilly XML.com: [www.xml.com](http://www.xml.com)
- Secure Socket Layer Certificates: [fedex.com/us/developer/downloads/dev\\_cert.zip](http://fedex.com/us/developer/downloads/dev_cert.zip)
- Web Services organization home page: [www.web-services.org](http://www.web-services.org)

## Support

- Contact FedEx Web Services technical support at [websupport@fedex.com](mailto:websupport@fedex.com) .
- Regional contact email addresses are:
  - EMEA - [emeawebservices@fedex.com](mailto:emeawebservices@fedex.com)
  - APAC - [apacwebservices@fedex.com](mailto:apacwebservices@fedex.com)
- For technical support, call 1.877.339.2774 and state "API" at the voice prompt.
- Support hours are Monday through Friday, 7:00 a.m. to 9:00 p.m. CST, and Saturday, 9:00 a.m. to 3:00 p.m. CST.
- For FedEx Customer Service, call 1.800.GoFedEx 1.800.463.3339.
- Customers using a FedEx® Compatible Solutions Program automation solution should contact their software provider for support.



# 1. Introduction

FedEx Web Services gives you the tools to build custom platform- and interface-independent applications that access FedEx features. You can use FedEx Web Services in a variety of ways to create customized integration solutions for your specific shipping needs. Here are just a few of the ways a company can use web services to streamline operations, improve visibility, and provide more choices to clients:

- **Give Customers More Options:** Help customers learn about all the available shipping options and rates with Ship Service WSDL, OpenShip WSDL, and Rate Services WSDL. You can also extend this service to your shopping cart and website, allowing customers to access money-saving information firsthand.
- **More Convenience:** Use the Locations Service WSDL to find the FedEx pickup location nearest your customer. Or, send an email to your customers with a link to this service as part of your standard order-receipt process.
- **Offer Global Shipping Options:** Create shipping labels for worldwide locations. Improve customer service by offering more shipping options to customers in more countries with the consolidated Ship Service WSDL.
- **Reduce Customer Service Costs:** Decrease phone traffic from customers checking the status of their shipments and cut customer service costs. FedEx provides online Tracking and Visibility Services that allow you to provide customers with the status of shipments, Signature Proof of Delivery (SPOD), and Shipment Notification in the Ship Request.
- **Simplify Processes and Improve Satisfaction:** In addition to ExpressTagAvailability, provide a simple way to allow customers to return an order with Email Labels. This service sends an email with the address (URL) of a website where the recipient can log in and print a return label.

Why should developers be interested in web services?

- **Interoperability:** Any web service can interact with any other web service and can be written in any programming language.
- **Ubiquity:** Web services communicate using HTTP and XML. Any connected device that supports these technologies can both host and access web services.
- **Low Barrier to Entry:** The concepts behind web services are easy to understand, and developers can quickly create and deploy them using many toolkits available on the web.
- **Industry Support:** Major content providers and vendors support the web services movement.

Any application running on any platform can interact with a web service by using the Simple Object Access Protocol (SOAP) and Web Services Description Language (WSDL) standards for message transfer and service discovery. By following the standards, applications can seamlessly communicate with platform services.

## 1.1 Document Overview

This guide provides instructions for coding the functions you need to develop FedEx supported applications. The following chapters make up this guide:

- Introduction (this chapter):
  - Documentation overview and guidelines, including how to use the Help application and how to print this guide.
  - Overview information about web services, including a high-level description of FedEx Web Services methods.
  - Coding basics.
  - Overview information about testing and certifying your application.

Each chapter covering FedEx Web Services coding includes:

- Service Details: Business rules for using the FedEx service.
- Service Options: Links to additional services that can be added to the basic web service.

- Coding Details: Best practices information, basic request and reply elements, and a link to error messages.
- XML Schema: A link to the layout for the service. This layout provides coding requirements for all elements in the schema.

## 1.2 Printing All or Part of This Guide

You can print all or part of this guide from the PDF version.

### 1.2.1 Printing from the PDF Version

From the PDF version you can print the complete document or a page range of the document.

- 1) Open the PDF file and click the printer icon or click **File > Print**.
- 2) From the **Print** dialog box, print the complete document, specify a page range, or choose from any of the available print options.

## 1.3 Web Services, WSDL, and SOAP Overview

This section describes the standard coding technologies used in FedEx Web Services.

### 1.3.1 Web Services

Web services are a collection of programming technologies, including XML, Web Services Description Language (WSDL), and SOAP, which allow you to build programming solutions for specific messaging and application integration.

Web services are, by definition, platform independent. FedEx Web Services allow developers to build custom applications that are independent of changes to the FedEx interface.

Web Services are consumed by many different applications across many platforms. It is based on the basic principles that govern XML standards, one of which is how Namespaces can be declared and applied.

Namespaces are declared as an attribute of an element. It is not mandatory to declare namespaces only at the root element; rather it could be declared at any element in the XML document. The scope of a declared namespace begins at the element where it is declared and applies to the entire content of that element, unless overridden by another namespace declaration with the same prefix name, the content of an element is the content between the `<opening-tag>` and `</closing-tag>` of that element. So essentially, XML namespace declarations are scoped, meaning that the declared prefix (or default namespace) is in force for the element on which the declaration occurs (as well as its descendant elements). A namespace declared as follows:

```
<v12:RateReply xmlns:v12="http://
is semantically same as
<RateReply xmlns="http://fedex.com/ws/rate/v12">
or even (hypothetically) same as
<foo:RateReply xmlns:foo="http://fedex.com/ws/rate/v12">
```

### 1.3.2 WSDL

A SOAP request to, or response from, a service is generated according to the service's WSDL definition. A WSDL document describes a service. It is an XML document that provides information about what the service does, the methods that are available, their parameters, and parameter types. It describes how to communicate with the service in order to generate a request to, or decipher a response from, the service.

The purpose of a WSDL is to completely describe a web service to a client. A WSDL defines where the service is available and what communications protocol is used to talk to the service. It defines everything required to write a program to work with an XML web service. A WSDL document describes a web service using seven major elements. Elements can be abstract or concrete.

Abstract XML elements describe the web service: `<types>`, `<message>`, `<operation>`, `<portType>`. Concrete XML elements provide connection details: `<service>`, `<port>`, `<binding>`.

### 1.3.2.1 WSDL Elements

Table 1. WSDL Elements

Element	Definition
<definitions>	The root element contains name space definitions.
<portType>	The most important WSDL element. It is a set of all operations that a web service can accept and is a container for <operation> elements. This WSDL element describes a web service, the operations that can be performed, and the messages that are involved, and can be compared to a function library (or a module or a class) in a traditional programming language.
<types>	Defines variable types used in the web service (both the parameters passed to a function and the type of the value passed back via the response). The data types are described by XML schema. This element contains user-defined data types (in the form of XML schema). For maximum platform neutrality, WSDL uses XML schema syntax to define data types.
<message>	Defines the data elements of an operation. Each message can consist of one or more parts that can be compared to the parameters of a function call in a traditional programming language.
<operation>	Child of the <binding> element that defines each operation that the port exposes. This element allows only three messages: Message - Definition Input Message - Data web services receive Output Message - Data web services send Fault Message - Error messages from web services
<service>	Contains a <port> child element that describes the URL where the service is located. This is the location of the ultimate web service.
<binding>	Defines the message format and protocol details for each port. The binding element has two attributes: the name attribute and the type attribute. This element specifies how the client and the web service should send messages to one another.

Note: For more information about the WSDL standard, refer to the World Wide Web Consortium (W3C) Website at [w3.org/TR/wsdl](http://w3.org/TR/wsdl)

### 1.3.3 SOAP

- Is a simple XML-based protocol that allows applications to exchange information over HTTP.
- Is built on open standards supported by numerous development tools on various platforms.
- Is a request interface object in your application programming language.
- Provides a way to communicate between applications running on different operating systems, with different technologies and programming languages.
- Enables the data to pass through layers of intermediaries and arrive at the ultimate receiver the way it was intended.

Note: You may not need to actually construct the SOAP messages yourself – many development tools available today construct SOAP behind the scenes.

### 1.3.3.1 SOAP Message

A SOAP message is an XML document that can be a request for a web service from a client or a “reply” from a web service to a client.

- Required <SOAP:Envelope>
- Optional <SOAP:Header>
- Required <SOAP:Body>

#### 1.3.3.1.1 Example: Delete Tag Request (SOAP Message)

```
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://fedex.com/ws/ship/v13">
<SOAP-ENV:Body>
<DeleteTagRequest>
<WebAuthenticationDetail>
  <UserCredential>
    <Key>
      User Key
    </Key>
    <Password>
      User Password
    </Password>
  </UserCredential>
</WebAuthenticationDetail>
<Client detail>
  <AccountNumber>xxxxxxxxxx</Account number>
  <MeterNumber>xxxxxx</MeterNumber>
</ClientDetail>
<Version>
  <ServiceId>ship</ServiceId>
  <Major>12</Major>
  <Intermediate>0</Intermediate>
  <Minor>0</Minor>
</Version>
<DispatchLocationId>MQYA</DispatchLocationId>
<DispatchDate>2012-06-01</DispatchDate>
<Payment>
  <PaymentType>shipper</PaymentType>
  <Payor>
    <AccountNumber>xxxxxxxxxx</AccountNumber>
    <CountryCode>US</CountryCode>
  </Payor>
</Payment>
<ConfirmationNumber>997037200019454</ConfirmationNumber>
</DeleteTagRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 1.3.4 Non-SOAP Web Services

FedEx offers a non-SOAP web services solution that you can use to send transactions without having to use tools that provide SOAP protocol support for web services. This may be convenient for developers using environments that do not provide support for SOAP. With this interface, XML documents are sent directly to the FedEx servers via the HTTP POST command. FedEx provides a set of specifications and examples to help with the development of this type of communications method.

To use the non-SOAP web service solution, you must have a working knowledge of HTTPS and Secure Socket Layering (SSL) encryption, the ability to provide a secure SSL connection to FedEx and the ability to code to an

operation interface using XML.

The interfaces used in the SOAP and non-SOAP web services are defined in WSDL files. The WSDL files contain schemas that define the layout of the operations. The same WSDL file is used for both the SOAP and non-SOAP web service users.

Non-SOAP users are concerned only with the schema definitions and not the other WSDL components that are SOAP-specific. The XML data that is sent via the non-SOAP interface looks almost identical to the data that is sent via the SOAP interface. The only difference is that the data sent via the non-SOAP interface does not contain the wrapping Envelope and Body tags that are specific to SOAP. The following is an example of a TrackRequest using the non-SOAP interface.

#### 1.3.4.1 Example Track Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
xmlns:v9="http://fedex.com/ws/track/v9">  
  <soapenv:Header/>  
  <soapenv:Body>  
    <v9:TrackRequest>  
      <v9:WebAuthenticationDetail>  
        <v9:UserCredential>  
          <v9:Key>xxxxxx</v9:Key>  
          <v9:Password/>  
        </v9:UserCredential>  
      </v9:WebAuthenticationDetail>  
      <v9:ClientDetail>  
        <v9:AccountNumber>XXXX</v9:AccountNumber>  
        <v9:MeterNumber>XXXX</v9:MeterNumber>  
        <v9:Localization>  
          <v9:LanguageCode>EN</v9:LanguageCode>  
          <v9:LocaleCode>US</v9:LocaleCode>  
        </v9:Localization>  
      </v9:ClientDetail>  
      <v9:TransactionDetail>  
        <v9:CustomerTransactionId>Track By Number_v9</v9:CustomerTransactionId>  
        <v9:Localization>  
          <v9:LanguageCode>EN</v9:LanguageCode>  
          <v9:LocaleCode>US</v9:LocaleCode>  
        </v9:Localization>  
      </v9:TransactionDetail>  
      <v9:Version>  
        <v9:ServiceId>trck</v9:ServiceId>  
        <v9:Major>9</v9:Major>  
        <v9:Intermediate>1</v9:Intermediate>  
        <v9:Minor>0</v9:Minor>  
      </v9:Version>  
      <v9:SelectionDetails>  
        <v9:CarrierCode>FDXE</v9:CarrierCode>  
        <v9:PackageIdentifier>  
          <v9>Type>TRACKING_NUMBER_OR_DOORTAG</v9>Type>  
          <v9:Value>XXXX</v9:Value>  
        </v9:PackageIdentifier>  
        <v9:ShipmentAccountNumber/>  
        <v9:SecureSpodAccount/>  
        <v9:Destination>  
          <v9:StreetLines>Address_Line</v9:StreetLines>  
          <v9:City>City</v9:City>  
          <v9:StateOrProvinceCode>XX</v9:StateOrProvinceCode>  
          <v9:PostalCode>XXXXXX</v9:PostalCode>  
          <v9:CountryCode>XX</v9:CountryCode>  
        </v9:Destination>  
      </v9:SelectionDetails>  
    </v9:TrackRequest>  
  </soapenv:Body>  
</soapenv:Envelope>
```

### 1.3.4.2 Error Handling

Error handling for non-SOAP operations is different from error handling for SOAP operations. The SOAP specification provides an error handling mechanism that is not present for non-SOAP operations. For a SOAP operation, a fault is returned as a SOAP exception. For a non-SOAP request, the contents of the SOAP fault are returned as an XML document. These SOAP fault documents are returned in situations such as schema validation failures or when operation types are unrecognized. In the following example, a SOAP fault document is returned from a schema validation failure in which the AccountNumber element was incorrectly sent as the AccountNumberx element:

```
<soapenv:Fault xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
<faultcode>soapenv:Server</faultcode>
<faultstring>5: Schema validation failed for request.</faultstring>
<detail>
<con:fault xmlns:con="http://www.bea.com/wli/sb/context">
<con:errorCode>5</con:errorCode>
<con:reason>Schema validation failed for request.</con:reason>
<con:details>
<con1:ValidationFailureDetail
xmlns:con1="http://www.bea.com/wli/sb/stages/transform/config">
<con1:message>Expected element 'AccountNumber@http://fedex.com/ws/ship/v8' instead of
'AccountNumberx@http://fedex.com/ws/ship/v8' here in element
ClientDetail@http://fedex.com/ws/ship/v8</con1:message>
<con1:xmlLocation>
<ship:AccountNumberx
xmlns:ship="http://fedex.com/ws/ship/v8">000000000</ship:AccountNumberx>
</con1:xmlLocation>
<con1:message>Expected element 'AccountNumber@http://fedex.com/ws/ship/v1' before the
end of the content in element ClientDetail@http://fedex.com/ws/ship/v8</con1:message>
<con1:xmlLocation>
<ship:ClientDetail xmlns:ship="http://fedex.com/ws/ship/8">
<ship:AccountNumberx>00000000000000000000000000000000</ship:AccountNumberx>
<ship:MeterNumber>0000000</ship:MeterNumber>
</ship:ClientDetail>
</con1:xmlLocation>
</con1:ValidationFailureDetail>
</con:details>
<con:location>
<con:node>Validate</con:node>
<con:pipeline>Validate_request</con:pipeline>
<con:stage>ValidateRequest</con:stage>
<con:path>request-pipeline</con:path>
</con:location>
</con:fault>
</detail>
</soapenv:Fault>
```

Each reply should be checked for the Fault element to indicate failure in processing the message.

*Note: Normal error processing still applies; this is an additional error check for incorrect syntax in XML documents.*

Keep in mind that if you use either the SOAP or non-SOAP version of FedEx Web Services, labels are returned as Base64 encoded. To print shipping labels, you must decode labels before sending them to your printer.

### 1.3.4.3 Non-SOAP HTTP POST Example

The following HTTPS POST example is a valid working example, but is not guaranteed to work for all programming languages, applications, and host systems:

```
POST /xml HTTP/1.0
Referrer: YourCompanyNameGoesHere
Host: ws.fedex.com
Port: 443
Accept: image/gif, image/jpeg, image/pjpeg, text/plain, text/html, /*
Content-Type: text/xml
```

```
Content-length: %d  
Your FedEx Transaction
```

Each line is followed by one new line character except Content-length and the FedEx transaction. Two new line characters follow the Content-length line. The FedEx transaction has no extra characters. The Content-length line should have the length of the FedEx transaction in place of the %d variable.

*Note: Port 443 must be opened for bi-directional communication on your firewall.*

After formatting your non-SOAP transaction and placing it in a HTTP POST request, you will need to open an SSL connection to the FedEx test server and send the request through FedEx by using your SSL connection.

Next, parse the HTTPS response to determine if there were any errors. Examine the HTTP header to determine if any HTTP or Web Server errors were encountered. If you received a 200 status code, parse the reply to determine if there were any processing problems.

### 1.3.5 Visual Basic Project Error

You may receive an error indicating that an element is not set, even after setting it in the code. When you set a Boolean type element to true, you may also need to set the specified element to true.

## 1.4 Implementing FedEx Web Services

Before you begin implementing FedEx Web Services, note the following guidelines:

- FedEx Web Services are designed for use by skilled developers who are familiar with the communication standards SOAP and Web Services Description Language (WSDL).
- Unlike traditional client/server models, such as a web server or web page system, web services do not provide the user with a graphical user interface (GUI). Instead, web services share business logic, data, and processes through a programmatic interface across a network.
- To perform a particular FedEx task such as tracking a package, you need to use a class, module, or function that creates your request, sends it to the FedEx platform, and handles the response.
- FedEx Web Services are designed to support any operating system and coding language. Downloadable sample code is available in Java, C#, VB, .Net and PHP languages from the FedEx Developer Resource Center Technical Resources.
- Transactions submitted to FedEx using FedEx Web Services are required to have a minimum of 128-bit encryption to complete the request.

## 1.5 Understanding the XML Schema

The XML schema defines the messages that you can use to access the FedEx services. You create a request that contains business data and other instructions and you send it to FedEx. FedEx replies with a response that contains the data resulting from the instructions you sent in.

*Note: The schema diagrams are conveniently linked to help you find information and child values.*

The XML schema provides a means for defining the structure, content, and semantics of XML documents.

An XML schema defines:

- Elements and attributes that can appear in a document
- Elements that are child elements
- Order and number of child elements
- Whether an element is empty or can include text
- Data types, default values, and fixed values for elements and attributes

Some important facts about the XML schema:

- Elements that contain sub-elements or carry attributes have complex types.
- Elements that contain numbers (and strings, and dates, etc.), but do not contain any sub-elements, have simple types. Some elements have attributes. Attributes always have simple types.
- Complex types in the instance document, and some of the simple types, are defined in the schema

- associated with a FedEx Web Service. Other simple types are defined as part of XML schema's repertoire of built-in simple types.
- XML schema built-in simple types are prefixed by "xs:", which is associated with the XML schema namespace through the declaration `xmlns:xs="http://www.w3.org/2001/XMLSchema"`, displayed in the schema element.
- The same prefix, and the same association, are also part of the names of built-in simple types, such as `xs:string`. This association identifies the elements and simple types as belonging to the vocabulary of the XML schema language, rather than the vocabulary of the schema author.

### 1.5.1 Guide to the XML Schema

The XML schema for each WSDL provides details about the structure, content, and semantics of the request XML document sent to a FedEx Web Service and the XML document returned by that FedEx Web Service.

The top of each service schema includes:

- Schema location and schema file name that ends in an ".xsd" suffix.
- Alphabetical listing of complex types for the documented service.
- Alphabetical listing of schema simple types for the documented service.
- Input or request data type for the documented service.
- Output or reply data type for the documented service.

The remainder of the service schema contains tables of information about each element, complex type, and simple type.

Each table consists of some or all of the following sections: diagram, namespace, children, type, properties, used by, facets, and source.

## 1.6 Implementation Process

Planning your integration and organizing your application data to address your shipping needs can sometimes take more time than the actual implementation of the integration. FedEx Web Services conform to industry standards and are compatible with a comprehensive array of developers' tools. This ensures the fastest time-to-market with maximum flexibility to integrate FedEx transactions and information into your applications. FedEx WSDLs are fully interoperable with any product or developer's tool that also conforms to the WS-I Basic Profile. For details, see [ws-i.org/Profiles/BasicProfile-1.1-2004-08-24](http://ws-i.org/Profiles/BasicProfile-1.1-2004-08-24).

To obtain FedEx Web Services and begin integrating with an application, you need to access documentation, sample code, and sample service requests and replies with the WSDLs from the FedEx Developer Resource Center Technical Resources. Also, obtain a test meter number to engage in real-time online testing in the FedEx hosted test environment.

*Note: Not all services are available outside the U.S.*

### 1.6.1 Testing

FedEx supplies a complete online operating environment with which to test your applications against live FedEx servers. To execute test interactions, you must first include a test account number, test meter number, authentication key, and password in your code. These credentials are provided to registered developers at the FedEx Developer Resource Center at [www.fedex.com/developer](http://www.fedex.com/developer).

Production credentials can be obtained prior to the certification process. Advanced services are not enabled, but standard services are enabled. Refer to [Preproduction Assistance](#) for more information on support from FedEx.

#### 1.6.1.1 Preproduction Assistance

Preproduction assistance is available via the FedEx Web Integrated Solutions Consultation (WISC) team. If you are in the preproduction stages of implementing a FedEx web integrated solution and would like to speak with a FedEx integration consultant who can assist you in understanding FedEx Web Services, contact your FedEx sales executive or technical support at 1.877.339.2774 Monday thru Friday, 7 a.m. to 9 p.m. and Saturday 9 a.m. to 3 p.m. (CST). Both your FedEx sales executive and technical support can request a WISC team member to contact you within 3 business days.

Corporate developers may find that solutions to their needs have already been implemented by a software vendor that is FedEx® Compatible. If improved time-to-market, cost containment, or specialized knowledge is needed, corporate development planners may want to review the available third-party solutions. To see a list of the solutions provided by the FedEx® Compatible providers, go to the Available FedEx® Compatible Solutions page at <http://www.fedex.com/us/compatible/>.

## 1.6.2 Certification

Certification is the process of ensuring that your implementation meets a number of requirements for safe, secure, and effective operation of your solution in the FedEx production environment. Certification requirements differ based on whether you are a corporate or commercial developer, and whether you are implementing using the advanced or standard services. Certification is not required for rating and tracking in production.

## 1.6.3 Go To Production

Once an application has passed certification, the developer must replace the test credentials with the production credentials issued by FedEx. The application connection is then directed to the production servers, and the application is live.

### 1.6.3.1 Requirements for Corporate and Non-Commercial Developers

There are some differences in how support is provided and in the approvals required to go into production that depend on whether you are creating an application for use by your own company or if you are planning to resell your solution to others.

### 1.6.3.2 Requirements and Resources for Corporate Developers

Corporate developers are typically part of a dedicated development team at a single company. This category also includes third-party developers (consultants) hired by the company to work on its behalf. In all cases, the integration will be used by the company itself and will not be resold or distributed outside of its own footprint. In this situation, FedEx can support the customer directly.

**Table 2. Requirements and Resources for Corporate Developers**

Requirements and Resources for Corporate Developers	
Must be accepted into the FedEx® Compatible	No
Self-certification of implementations using standard services	Yes
Self-certification of implementations using advanced services	No
Certification assistance	Yes (WISC team)
FedEx supports the customer directly	Yes

#### 1.6.3.2.1 Requirements for Consultants

Consultants developing on behalf of a corporate customer must ensure that their client provides their account information and a signed End User License Agreement (EULA) to FedEx to obtain a production test meter.

#### 1.6.3.2.2 Requirements and Resources for Commercial Developers

Commercial developers create solutions with the intent of distributing and/or reselling them to their customers. Because they are deployed in a variety of situations, commercial integrations generally require a higher order of

“fit and finish.” Commercial developers are responsible for supporting their products for their customers. FedEx has a dedicated team of professionals to help developers commercialize their products and to coordinate the three-way interplay between the developer, the end customer, and FedEx.

If you are a commercial developer interested in becoming a FedEx Compatible provider, go to <http://www.fedex.com/us/compatible/> for more information about the FedEx Compatible Program.

### 1.6.3.3 URL Errors

If a VB.NET or C# project still sends transactions to the test server after changing the URL in the WSDLs to point to production, perform the following:

- Make sure permissions are already activated in the production environment.
- Copy the WSDL files to a different folder.
- Follow the directions on changing the new WSDL files to point to production, as described in the FedEx Developer Resource Center in the “Move to Production” topic.
- Remove existing web services references from your project that point to old WSDLs containing the URLs to the test environment.
- Create new web references that point to the modified WSDLs. Use the same names as the old references.
- Compile and test the project. Your new production credentials should work for standard web services, such as rating or tracking without extra permissions. Advanced web services require permissions to be active before they will work. Old test key values will now return an error message. Test keys will no longer work with production server addresses.



## 11. Ship Service

Use the ShipService WSDL to process and submit various shipping requests to FedEx, such as FedEx Express® and FedEx Ground® U.S and international shipments as well as Return shipments. Each shipping request will contain descriptive information for each shipment. The ShipService WSDL also offers you a service to validate your shipping requests prior to actually submitting a true shipment to FedEx.

Refer to the following sections for information about the respective shipping services:

- [FedEx\\_Express\\_U\\_S\\_Shipping](#)
- [FedEx\\_Intra-Country\\_Shipping](#)
- [FedEx\\_Ground\\_U\\_S\\_Shipping](#)
- [FedEx\\_Express\\_International\\_Shipping](#)
- [FedEx\\_International\\_Ground\\_Shipping](#)

### 11.1 Shipping Services by Region

This table outlines available FedEx shipping services by region:

Table 93. Shipping Services by Region

Region	FedEx Express U.S.	FedEx Express International	FedEx Ground U.S	FedEx International Ground	Intra-Country Service*
United States	X	X	X	X	X
Canada		X		X	X
Asian Pacific countries (APAC)		X			
Europe, Middle East and Africa (EMEA)		X			
Latin American countries (LAC)		X			

*Note: Intra-country indicates shipping service within a specific country or region. Refer to FedEx Express International Shipping section of Ship Service for a list of countries that support intra-country shipping services.*

### 11.2 Ship Service Coding Basics

This section describes the Web Services elements needed to create, cancel, and validate shipments.

#### 11.2.1 Create Shipment Using Process Shipment Request

The ProcessShipmentRequest requires the RequestedShipment *complex element*, which is made up of the following elements.

### 11.2.1.1 RequestedShipment Elements

Table 94. Requested Shipment Elements

Element	Required	Description
ShipTimestamp	Yes	<p>Identifies the date and time the package is tendered to FedEx. Both the date and time portions of the string are expected to be used. The date should not be a past date or a date more than 10 days in the future. The time is the local time of the shipment based on the shipper's time zone.</p> <p>The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T, such as 2009-06-26T17:00:00. The UTC offset indicates the number of hours/minutes, such as xx:xx, from UTC; for example, 2009-06-26T17:00:00-04:00 is defined as June 26, 2009 5:00 p.m. Eastern Time.</p> <p>See the Developer Guide Appendix "Time Zones" for more information about time zones.</p>
DropoffType	Yes	Identifies the method by which the package is to be tendered to FedEx. This element does not dispatch a courier for package pickup. See DropoffType for list of valid enumerated values.
ServiceType	Yes	Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values.
PackagingType	Yes	Identifies the packaging used by the requestor for the package. See PackagingType for list of valid enumerated values.
ManifestDetail		This identifies which customer reference field used as the manifest ID. This field is required in order to close by reference.
TotalWeight	No	Identifies the total weight of the shipment being conveyed to FedEx. This is only applicable to International shipments and should only be used on the first package of a multiple-package shipment.
TotalInsuredValue	No	Total declared value amount. FedEx does not provide insurance of any kind.
PreferredCurrency	No	Indicates the currency the caller requests to have used in all returned monetary values (when a choice is possible). Used in conjunction with the RateRequest Types element
Shipper	Yes	Descriptive data identifying the party responsible for shipping the package. Shipper and Origin should have the same address.
Recipient	Yes	Descriptive data identifying the party receiving the package.
RecipientLocationNumber	No	A unique identifier for a recipient location.
Origin	No	Identifies the shipment's physical starting address if different from the shipper.

SoldTo	No	Indicates the party responsible for purchasing the goods shipped from the shipper to the recipient. The sold to party is not necessarily the recipient or the importer of record. The sold to party is relevant when the purchaser, rather than the recipient determines when certain customs regulations apply.
ShippingChargesPayment	Yes	Descriptive data indicating the method and means of payment to FedEx for providing shipping services.
SpecialServicesRequested	No	Descriptive data regarding special services requested by the shipper for this shipment. If the shipper is requesting a special service which requires additional data, such as C.O.D., the special service type must be present in the ShipmentSpecialServicesRequested/ SpecialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object. For example, to request C.O.D., "COD" must be included in the SpecialServiceTypes collection and the CodDetail object must contain the required data.
ExpressFreightDetail	No	Details specific to a FedEx Express Freight® shipment (i.e. FedEx First Freight, FedEx 1Day, 2Day, and 3Day Freight).
FreightShipmentDetail	No	Details specific to a FedEx Freight LTL shipment (i.e. FedEx Priority and Economy Freight).
DeliveryInstructions	No	Used with FedEx Home Delivery ® and FedEx Freight.
VariableHandlingChargeDetail	No	Details about how to calculate variable handling charges at the shipment level.
CustomsClearanceDetail	No	Information about this package that only applies to an international (export) shipment or return.
PickupDetail	No	For use in "process tag" transaction.
SmartPostDetail	No	Details specific to FedEx SmartPost shipments.
BlockInsightVisibility	No	If true, only the shipper/payer will have visibility of this shipment.
LabelSpecification	Yes	Details about the image type, printer format, and label stock for label. Can also specify customer specific details such as doc-tab content, regulatory labels, and mask data on the label.
ShippingDocumentSpecification	No	Contains all data required for additional (non-label) shipping documents to be produced with a specific shipment.
ShippingDocumentSpecification/CustomDocumentDetail		Data required to produce a custom-specified document, either at shipment or package level.
CustomDocumentDetail/Format		Common information controlling document production.
CustomDocumentDetail/LabelPrintingOrientation		Applicable only to documents produced on thermal printers with roll stock.
CustomDocumentDetail/LabelRotation		Applicable only to documents produced on thermal printers with roll stock.

CustomDocumentDetail/SpecificationId		Identifies the formatting specification used to construct this custom document.
CustomDocumentDetail/CustomDocumentIdentifier		Identifies the individual document specified by the client.
CustomDocumentDetail/DocTabContent		If provided, thermal documents will include specified doc tab content. If omitted, document will be produced without doc tab content.
CustomDocumentDetail/CustomLabelDetail		This allows the customer to define how custom information is to be positioned and formatted on a custom label or the customizable portion of a shipping label, and what the custom information should be.
CustomLabelDetail/CoordinateUnits		Valid values are: <ul style="list-style-type: none"> <li>• MILS (thousandths of an inch)</li> <li>• PIXELS (device-dependent)</li> </ul>
CustomLabelDetail/TextEntries		Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).
CustomLabelDetail/GraphicEntries		Image to be included from printer's memory, or from a local file for offline clients.
CustomLabelDetail/BoxEntries		Solid (filled) rectangular area on label.
CustomLabelDetail/CustomLabelTextBoxEntry		Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).
CustomLabelTextBoxEntry/TopLeftCorner		Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/BottomRightCorner		Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/Position		Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/Format		Format

CustomLabelTextBoxEntry/DataFields		Data fields
CustomLabelTextBoxEntry/ThermalFontId		Printer-specific font name for use with thermal printer labels.
CustomLabelTextBoxEntry/FontName		Generic font name for use with plain paper labels.
CustomLabelTextBoxEntry/FontSize		Generic font size for use with plain paper labels.
CustomLabelTextBoxEntry/Rotation		Describes the rotation of an item from its default orientation. Valid values are: <ul style="list-style-type: none"><li>• NONE</li><li>• RIGHT</li><li>• UPSIDE_DOWN</li></ul>
CustomLabelDetail/BarcodeEntries		Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.
ShippingDocumentSpecification /FreightAddressLabelDetail/DocTabContent /DocTabContentType		Valid values are: <ul style="list-style-type: none"><li>• BARCODED</li><li>• CUSTOM</li><li>• MINIMUM</li><li>• STANDARD</li><li>• ZONE001</li></ul>
RateRequestTypes	No	Indicates the type of rates to be returned. Valid values are: <ul style="list-style-type: none"><li>• LIST – Returns published rates in response</li><li>• PREFERRED – Returns rates in currency specified in the PreferredCurrency element</li><li>• NONE – Returns no rates in response.</li></ul>
EdtRequestType	No	Specifies whether the customer wishes to have Estimated Duties and Taxes provided with the rate quotation on this shipment. Only applies with shipments moving under international services.
MasterTrackingId	No	Used when requesting child pieces in a multiple-package shipment (MPS). The master tracking information will be returned in reply from the first package requested for a multiple-package shipment. That master tracking information is then inserted into the requests for each additional package requested for that multiple-package shipment.
PackageCount	Yes	For an MPS, this is the total number of packages in the shipment.

ConfigurationData	No	Specifies data structures that may be re-used multiple times with a single shipment.
RequestedPackageLineItems	No	One or more package-attribute descriptions, each of which describes an individual package, a group of identical packages, or (for the total-piece-total-weight case) common characteristics of packages in the shipment.
RequestedPackageLineItem/ PackageSpecialServicesRequested/ DangerousGoodsDetail/DangerousGoodsContainer /HazardousCommodityContent/NetExplosiveDetail		The total mass of the contained explosive substances, without the mass of any casings, bullets, shells, etc.
RequestedPackageLineItem/ PackageSpecialServicesRequested/ DangerousGoodsDetail/DangerousGoodsContainer /HazardousCommodityContent/ NetExplosiveDetail//NetExplosiveClassificationType		<p>Valid values:</p> <ul style="list-style-type: none"> <li>• NET_EXPLOSIVE_CONTENT</li> <li>• NET_EXPLOSIVE_MASS</li> <li>• NET_EXPLOSIVE_QUANTITY</li> <li>• NET_EXPLOSIVE_WEIGHT</li> </ul>
ReturnInstructionsDetail/ ShippingDocumentFormat/ documentFormatOptionsrequested/ Document formatOptions	No	<p>SUPPRESS_ADDITIONAL_LANGUAGES</p> <p>This value will suppress English language if another language is specified in language code field. (Default is English)</p>
SpecialServicesRequested/PendingShipmentDetail/ EmailLabelDetail	No	<p>Describes specific information about the email label shipment.</p> <ul style="list-style-type: none"> <li>• Message: Content of the email message</li> <li>• Recipients: EMailRecipient <ul style="list-style-type: none"> <li>◦ emailAddress - email address of the recipient</li> <li>◦ role - role type of the recipient</li> <li>◦ optionsRequested localization</li> </ul> </li> </ul>
SpecialServicesRequested/ PendingShipmentDetail/ProcessingOptions	No	<p>ALLOW_MODIFICATIONS</p> <p>This allows the Email Label originator to specify if the completer can make modifications to editable shipment data.</p>
SpecialServicesRequested/ RecommendedDocumentSpecification	No	<ul style="list-style-type: none"> <li>• "ANTIQUE_STATEMENT_EUROPEAN_UNION"</li> <li>• "ANTIQUE_STATEMENT_UNITED_STATES"</li> <li>• "ASSEMBLER_DECLARATION"</li> <li>• "BEARING_WORKSHEET"</li> <li>• "FILM_AND_VIDEO_CERTIFICATE"</li> <li>• "CERTIFICATE_OF_SHIPMENTS_TO_SYRIA"</li> <li>• "PRINTED_CIRCUIT_BOARD_WORKSHEET"</li> <li>• "COMMERCIAL_INVOICE_FOR_THE_CARIBBEAN_COMMON_MARKET"</li> <li>• "CONIFEROUS_SOLID_WOOD_PACKAGING"</li> <li>• "MATERIAL_TO_THE_PEOPLES_REPUBLIC_OF_CHINA"</li> <li>• "DECLARATION_OF_IMPORTED_ELECTRONIC_PRODUCTS SUBJECT_TO_RADIATION_CONTROL_STANDARD"</li> <li>• "DECLARATION_OF_BIOLOGICAL_STANDARDS"</li> <li>• "ELECTRONIC_INTEGRATED_CIRCUIT_WORKSHEET"</li> <li>• "INTERIM_FOOTWEAR_INVOICE"</li> <li>• "NAFTA_CERTIFICATE_OF_ORIGIN_UNITED_STATES"</li> <li>• "NAFTA_CERTIFICATE_OF_ORIGIN_CANADA_FRENCH"</li> <li>• "NAFTA_CERTIFICATE_OF_ORIGIN_CANADA_ENGLISH"</li> <li>• "NAFTA_CERTIFICATE_OF_ORIGIN_SPANISH"</li> </ul>

		<ul style="list-style-type: none"> <li>• "PACKING_LIST"</li> <li>• "REPAIRED_WATCH_BREAKOUT_WORKSHEET"</li> <li>• "DECLARATION_FOR_FREE_ENTRY_OF_</li> <li>• "RETURNED_AMERICAN_PRODUCTS"</li> <li>• "STATEMENT REGARDING THE IMPORT_OF_</li> <li>• "RADIO_FREQUENCY_DEVICES"</li> <li>• "TOXIC_SUBSTANCES_</li> <li>• "CONTROL_ACT"</li> <li>• "UNITED_STATES_WATCH_REPAIR_DECLARATION"</li> <li>• "UNITED_STATES_NEW_WATCH_WORKSHEET"</li> <li>• "UNITED_STATES_CARIBBEAN_BASIN_TRADE_</li> <li>• "PARTNERSHIP_ACT_CERTIFICATE_OF_ORIGIN_TEXTILES"</li> <li>• "UNITED_STATES_CARIBBEAN_BASIN_TRADE_</li> <li>• "PARTNERSHIP_ACT_CERTIFICATE_OF_ORIGIN_NON_TEXTILES"</li> </ul>
specialServicesRequested/ pendingShipmentDetail/documentReferences/ documentProducer	No	<p>Specifies details for uploaded documents provided by the shipment initiator.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>• CUSTOMER</li> <li>• FEDEX_CAFE</li> <li>• FEDEX_CLS</li> <li>• FEDEX_FIDT</li> <li>• FEDEX_FXRS</li> <li>• FEDEX_GSMW</li> <li>• FEDEX_GTM</li> <li>• OTHER</li> </ul>
specialServicesRequested/ pendingShipmentDetail/documentReferences/ documentIdProducer	No	<p>Specifies details for uploaded documents provided by the shipment initiator.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• CUSTOMER</li> <li>• FEDEX_CAFE</li> <li>• FEDEX_CSHP</li> <li>• FEDEX_FXRS</li> <li>• FEDEX_GSMW</li> <li>• FEDEX_GTM</li> <li>• FEDEX_INET</li> </ul>
LabelSpecification/ LabelOrderType	No	<p>Specifies the order in which the labels will be returned. Valid values are:</p> <ul style="list-style-type: none"> <li>• SHIPPING_LABEL_FIRST</li> <li>• SHIPPING_LABEL_LAST</li> </ul>
ShippingDocumentSpecification/ ReturnedShippingDocumentType		<ul style="list-style-type: none"> <li>• AUXILIARY_LABEL</li> <li>• CERTIFICATE_OF_ORIGIN</li> <li>• COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_</li> <li>• RETURN_2_D_BARCODE</li> <li>• COD_AND_DELIVERY_ON_INVOICE_</li> <li>• ACCEPTANCE_RETURN_LABEL</li> <li>• COD_RETURN_2_D_BARCODE</li> <li>• COD_RETURN_LABEL</li> <li>• COMMERCIAL_INVOICE</li> <li>• CUSTOM_PACKAGE_DOCUMENT</li> </ul>

		<ul style="list-style-type: none"> <li>• CUSTOM_SHIPMENT_DOCUMENT</li> <li>• DANGEROUS_GOODS_SHIPPERS_DECLARATION</li> <li>• DELIVERY_ON_INVOICE_            ACCEPTANCE_RETURN_2_D_BARCODE</li> <li>• DELIVERY_ON_INVOICE_            _ACCEPTANCE_RETURN_LABEL</li> <li>• ETD_LABEL</li> <li>• EXPORT_DECLARATION</li> <li>• FREIGHT_ADDRESS_LABEL</li> <li>• GENERAL_AGENCY AGREEMENT</li> <li>• GROUND_BARCODE</li> <li>• NAFTA_CERTIFICATE_OF_ORIGIN</li> <li>• OP_900</li> <li>• OUTBOUND_2_D_BARCODE</li> <li>• OUTBOUND_LABEL</li> <li>• PRO_FORMA_INVOICE</li> <li>• RECIPIENT_ADDRESS_BARCODE</li> <li>• RECIPIENT_POSTAL_BARCODE</li> <li>• RETURN_INSTRUCTIONS</li> <li>• TERMS_AND_CONDITIONS</li> <li>• USPS_BARCODE</li> </ul>
ShippingDocumentSpecification/ ShippingDocumentTypes		<ul style="list-style-type: none"> <li>• CERTIFICATE_OF_ORIGIN"</li> <li>• "COMMERCIAL_INVOICE"</li> <li>• "CUSTOM_PACKAGE_DOCUMENT"</li> <li>• "CUSTOM_SHIPMENT_DOCUMENT"</li> <li>• "CUSTOMER_SPECIFIED_LABELS"</li> <li>• "DANGEROUS_GOODS_SHIPPERS_DECLARATION"</li> <li>• "EXPORT_DECLARATION"</li> <li>• "FREIGHT_ADDRESS_LABEL"</li> <li>• "GENERAL_AGENCY AGREEMENT"</li> <li>• "LABEL"</li> <li>• "NAFTA_CERTIFICATE_OF_ORIGIN"</li> <li>• "OP_900"</li> <li>• "PRO_FORMA_INVOICE"</li> <li>• "RETURN_INSTRUCTIONS"</li> </ul>
RequestedPackageLineItem/ ItemDescriptionForClearance	No	Required for UAE; Otherwise: Optional - This element is for the customer to describe the content of the package for customs clearance purposes. This applies to intra-UAE, intra-Columbia and intra-Brazil shipments.
LabelSpecification/CustomerSpecifiedLabelDetail/ LabelMaskableDataType		<p>Names of data elements/areas which may be suppressed from printing on labels.</p> <ul style="list-style-type: none"> <li>• CUSTOMS_VALUE</li> <li>• DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER</li> <li>• SECONDARY_BARCODE</li> <li>• SHIPPER_ACCOUNT_NUMBER</li> <li>• TERMS_AND_CONDITIONS</li> <li>• TRANSPORTATION_CHARGES_            PAYOR_ACCOUNT_NUMBER</li> </ul>

RequestedShipment/SmartPostShipmentDetail/ SmartPostShipmentProcessingOptionsRequested		Through this option, an existing SmartPost small shipper or return shipper can specify to have the Ground tracking number provided in the shipment reply. This is a contingency feature in case the customer requires the Ground tracking number for internal processes or for tracking SmartPost shipments. The Ground tracking number will only be provided for existing SmartPost small shippers or return shippers. Customers will have the same reporting and tracking capabilities as today when they receive a Ground tracking number. However, the Ground tracking number will not be printed on the FXSP shipping label. Fedex.com provides the same tracking visibility for SmartPost shipments when using either the SmartPost tracking number or the Ground tracking number. Fedex recommends using fedex.com, rather than USPS.com, for all tracking activities for SmartPost shipments.
RequestedShipment/SmartPostShipmentDetail/ SmartPostShipmentProcessingOptionsRequested/ SmartPostShipmentProcessingOptionType		<p>Valid values:</p> <ul style="list-style-type: none"> <li>• GROUND_TRACKING_NUMBER_REQUESTED</li> </ul>

#### 11.2.1.1.1 Example ProcessShipmentRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/
xmlns:v17="http://fedex.com/ws/ship/v17">
  <soapenv:Header/>
  <soapenv:Body>
    <v17:ProcessShipmentRequest>
      <v17:WebAuthenticationDetail>
        <v17:ParentCredential>
          <v17:Key>XXXXXXXXXXXX</v17:Key>
          <v17:Password></v17:Password>
        </v17:ParentCredential>
        <v17:UserCredential>
          <v17:Key>XXXXXXXXXXXX</v17:Key>
          <v17:Password></v17:Password>
        </v17:UserCredential>
      </v17:WebAuthenticationDetail>
      <v17:ClientDetail>
        <v17:AccountNumber>XXXXXXXXXXXX</v17:AccountNumber>
        <v17:MeterNumber>XXXXXXXX</v17:MeterNumber>
        <v17:MeterInstance>string</v17:MeterInstance>
        <v17:CompanyId>Syntel</v17:CompanyId>
        <v17:SoftwareId>WSGW</v17:SoftwareId>
        <v17:SoftwareRelease>3100</v17:SoftwareRelease>
        <v17:ClientProductId>WAPI123</v17:ClientProductId>
        <v17:ClientProductVersion>SHIPENT</v17:ClientProductVersion>
        <v17:MiddlewareProductId>B123</v17:MiddlewareProductId>
        <v17:MiddlewareProductVersion>SHIPENT</v17:MiddlewareProductVersion>
        <v17:IntegratorId>INT123</v17:IntegratorId>
        <v17:Region>US</v17:Region>
        <v17:AutoConfigurationType>ENTERPRISE</v17:AutoConfigurationType>
        <v17:InitiativeManifest>
          <v17:Content>string</v17:Content>
        </v17:InitiativeManifest>
        <v17:Localization>
          <v17:LanguageCode>EN</v17:LanguageCode>
          <v17:LocaleCode>en</v17:LocaleCode>
        </v17:Localization>
      </v17:ClientDetail>
      <v17:TransactionDetail>
        <v17:CustomerTransactionId>ProcessShip_Basic</v17:CustomerTransactionId>
      </v17:TransactionDetail>
    </v17:ProcessShipmentRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

```

</v17:TransactionDetail>
<v17:Version>
  <v17:ServiceId>ship</v17:ServiceId>
  <v17:Major>17</v17:Major>
  <v17:Intermediate>0</v17:Intermediate>
  <v17:Minor>0</v17:Minor>
</v17:Version>
<v17:RequestedShipment>
  <v17:ShipTimestamp>YYYY-MM-DDT15:46:24-06:00</v17:ShipTimestamp>
  <v17:DropoffType>REGULAR_PICKUP</v17:DropoffType>
  <v17:ServiceType>INTERNATIONAL_PRIORITY</v17:ServiceType>
  <v17:PackagingType>YOUR_PACKAGING</v17:PackagingType>
  <v17:Shipper>
    <v17:AccountNumber>XXXXXXXXXX</v17:AccountNumber>
    <v17:Contact>
      <v17:PersonName>Sender_Name</v17:PersonName>
      <v17:CompanyName>SndrConnm</v17:CompanyName>
      <v17:PhoneNumber>XXXXXXXXXX</v17:PhoneNumber>
      <v17:EMailAddress/>
    </v17:Contact>
    <v17:Address>
      <v17:StreetLines>Shipper Address Line 1</v17:StreetLines>
      <v17:StreetLines>Shipper Address Line 2</v17:StreetLines>
      <v17:City>Memphis</v17:City>
      <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
      <v17:PostalCode>38117</v17:PostalCode>
      <v17:CountryCode>US</v17:CountryCode>
    </v17:Address>
  </v17:Shipper>
  <v17:Recipient>
    <v17:Contact>
      <v17:PersonName>SHIP TO CONTACT NAME</v17:PersonName>
      <v17:CompanyName>SHIP TO RECIPIENT CMPNY</v17:CompanyName>
      <v17:PhoneNumber>XXXXXXXXXX</v17:PhoneNumber>
      <v17:EMailAddress>abc@syntelinc.com</v17:EMailAddress>
    </v17:Contact>
    <v17:Address>
      <v17:StreetLines>TC021 JAN14 US</v17:StreetLines>
      <v17:StreetLines>IP - CuPack - US to BE</v17:StreetLines>
      <v17:City>City</v17:City>
      <v17:StateOrProvinceCode>BE</v17:StateOrProvinceCode>
      <v17:PostalCode>1410</v17:PostalCode>
      <v17:CountryCode>BE</v17:CountryCode>
    </v17:Address>
  </v17:Recipient>
  <v17:Origin>
    <v17:Contact>
      <v17:PersonName>JAN14 CL</v17:PersonName>
      <v17:CompanyName>SndrConnm</v17:CompanyName>
      <v17:PhoneNumber>XXXXXXXXXX</v17:PhoneNumber>
      <v17:EMailAddress/>
    </v17:Contact>
    <v17:Address>
      <v17:StreetLines>Shipper Address Line 1</v17:StreetLines>
      <v17:StreetLines>Shipper Address Line 2</v17:StreetLines>
      <v17:City>City</v17:City>
      <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
      <v17:PostalCode>XXXXX</v17:PostalCode>
      <v17:CountryCode>US</v17:CountryCode>
    </v17:Address>
  </v17:Origin>
  <v17:ShippingChargesPayment>
    <v17:PaymentType>SENDER</v17:PaymentType>

```

```

<v17:Payor>
  <v17:ResponsibleParty>
    <v17:AccountNumber>XXXXXXXXXX</v17:AccountNumber>
    <v17>Contact>
      <v17:PersonName>JAN14 CL</v17:PersonName>
      <v17:CompanyName>SndrConnm</v17:CompanyName>
      <v17:PhoneNumber>XXXXXXXXXX</v17:PhoneNumber>
      <v17:EMailAddress/>
    </v17>Contact>
    <v17:Address>
      <v17:StreetLines>Shipper Address Line 1</v17:StreetLines>
      <v17:StreetLines>Shipper Address Line 2</v17:StreetLines>
      <v17:City>City</v17:City>
      <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
      <v17:PostalCode>XXXXXX</v17:PostalCode>
      <v17:CountryCode>US</v17:CountryCode>
    </v17:Address>
  </v17:ResponsibleParty>
</v17:Payor>
</v17:ShippingChargesPayment>
<v17:CustomsClearanceDetail>
  <v17:ImporterOfRecord>
    <v17:AccountNumber>XXXXXXXXXX</v17:AccountNumber>
    <v17>Contact>
      <v17:PersonName>JAN14 CL</v17:PersonName>
      <v17:CompanyName>SndrConnm</v17:CompanyName>
      <v17:PhoneNumber>XXXXXXXXXX</v17:PhoneNumber>
      <v17:EMailAddress/>
    </v17>Contact>
    <v17:Address>
      <v17:StreetLines>Shipper Address Line 1</v17:StreetLines>
      <v17:StreetLines>Shipper Address Line 2</v17:StreetLines>
      <v17:City>Memphis</v17:City>
      <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
      <v17:PostalCode>XXXXXX</v17:PostalCode>
      <v17:CountryCode>US</v17:CountryCode>
    </v17:Address>
  </v17:ImporterOfRecord>
</v17:DutiesPayment>
  <v17:PaymentType>SENDER</v17:PaymentType>
  <v17:Payor>
    <v17:ResponsibleParty>
      <v17:AccountNumber>XXXXXXXXXX</v17:AccountNumber>
      <v17>Contact>
        <v17:PersonName>Sender_Name</v17:PersonName>
        <v17:CompanyName>SndrConnm</v17:CompanyName>
        <v17:PhoneNumber>XXXXXXXXXX</v17:PhoneNumber>
        <v17:EMailAddress/>
      </v17>Contact>
      <v17:Address>
        <v17:StreetLines>Shipper Address Line 1</v17:StreetLines>
        <v17:StreetLines>Shipper Address Line 2</v17:StreetLines>
        <v17:City>City</v17:City>
        <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
        <v17:PostalCode>XXXXXX</v17:PostalCode>
        <v17:CountryCode>US</v17:CountryCode>
      </v17:Address>
    </v17:ResponsibleParty>
  </v17:Payor>
</v17:DutiesPayment>
<v17:DocumentContent>DOCUMENTS_ONLY</v17:DocumentContent>
<v17:CustomsValue>
  <v17:Currency>USD</v17:Currency>

```

```

        <v17:Amount>100</v17:Amount>
    </v17:CustomsValue>
    <v17:CommercialInvoice>
        <v17:Comments>GodKnows</v17:Comments>
        <v17:PaymentTerms>string</v17:PaymentTerms>
        <v17:CustomerReferences>
            <v17:CustomerReferenceType>CUSTOMER_REFERENCE</v17:CustomerReferenceType>

            <v17:Value>TC#053</v17:Value>
        </v17:CustomerReferences>
        <v17:TermsOfSale>FOB</v17:TermsOfSale>
    </v17:CommercialInvoice>
    <v17:Commodities>
        <v17:Name>BOOKS</v17:Name>
        <v17:NumberOfPieces>1</v17:NumberOfPieces>
        <v17:Description>Books</v17:Description>
        <v17:CountryOfManufacture>US</v17:CountryOfManufacture>
        <v17:Weight>
            <v17:Units>LB</v17:Units>
            <v17:Value>30</v17:Value>
        </v17:Weight>
        <v17:Quantity>1</v17:Quantity>
        <v17:QuantityUnits>EA</v17:QuantityUnits>
        <v17:UnitPrice>
            <v17:Currency>USD</v17:Currency>
            <v17:Amount>10.00</v17:Amount>
        </v17:UnitPrice>
        <v17:CustomsValue>
            <v17:Currency>USD</v17:Currency>
            <v17:Amount>100</v17:Amount>
        </v17:CustomsValue>
    </v17:Commodities>
</v17:CustomsClearanceDetail>
<v17:LabelSpecification>
    <v17:LabelFormatType>COMMON2D</v17:LabelFormatType>
    <v17:ImageType>ZPLII</v17:ImageType>
    <v17:LabelStockType>STOCK_4X6.75.LEADING_DOC_TAB</v17:LabelStockType>
</v17:LabelSpecification>
<v17:RateRequestTypes>LIST</v17:RateRequestTypes>
<v17:PackageCount>1</v17:PackageCount>
<v17:RequestedPackageLineItems>
    <v17:SequenceNumber>1</v17:SequenceNumber>
    <v17:InsuredValue>
        <v17:Currency>USD</v17:Currency>
        <v17:Amount>100</v17:Amount>
    </v17:InsuredValue>
    <v17:Weight>
        <v17:Units>LB</v17:Units>
        <v17:Value>30</v17:Value>
    </v17:Weight>
    <v17:Dimensions>
        <v17:Length>20</v17:Length>
        <v17:Width>15</v17:Width>
        <v17:Height>20</v17:Height>
        <v17:Units>IN</v17:Units>
    </v17:Dimensions>
    <v17:CustomerReferences>
        <v17:CustomerReferenceType>CUSTOMER_REFERENCE</v17:CustomerReferenceType>

        <v17:Value>TC#053</v17:Value>
    </v17:CustomerReferences>
</v17:RequestedPackageLineItems>
</v17:RequestedShipment>

```

```

</v17:ProcessShipmentRequest>
</soapenv:Body>
</soapenv:Envelope>

```

## 11.3 Delete Shipment

The Delete Shipment feature allows you to delete packages that have not already been tendered to FedEx.

FedEx services offering this feature are FedEx Express®<sup>®</sup>, FedEx Ground®<sup>®</sup> and FedEx Custom Critical®<sup>®</sup>.

*Note: This feature does not apply to Return Tag Services, FedEx Express and FedEx Ground Return Labels, and Email Return Label options.*

### 11.3.1 Delete Shipment Coding Details

The following elements can be used to delete a package or shipment:

**Table 95. Delete Shipment Coding Details Elements**

Element	Required	Description
WebAuthenticationDetail	Yes	Descriptive data to be used in authentication of the sender's identity (and right to use FedEx Web Services).
ClientDetail	Yes	Descriptive data identifying the client submitting the transaction.
TransactionDetail	No	Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.
Version	Yes	Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).
ShipTimestamp	No	The timestamp of the shipment request.
TrackingId	No	Complex type element that contains information about the package being deleted.
TrackingId/TrackingIDType	Yes	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• EXPRESS</li> <li>• FEDEX</li> <li>• GROUND</li> <li>• USPS</li> </ul> <p><i>Note: Canceling a shipment is not supported for Freight. You must call FedEx to cancel and/or update a previously scheduled Freight shipment.</i></p>
TrackingID/ TrackingNumber	Yes	<p>The tracking number value to be deleted.</p> <p>The tracking number assigned to the package. Delete requirements for multiple-package shipments are as follows:</p> <ul style="list-style-type: none"> <li>• For FedEx Express international multiple-package shipments, if you enter the master tracking number, all packages associated with this shipment are deleted. If you attempt to delete one package in a shipment, the label sequence number will be incorrect and you may experience clearance issues in customs if you cannot account for all packages in the shipment.</li> </ul>

		<ul style="list-style-type: none"> <li>For FedEx International Ground® multiple-package shipments, if you enter any tracking number associated with the master shipment, all packages associated with the shipment are deleted.</li> <li>For FedEx Ground U.S. multiple-package shipments, you may enter a single tracking number to delete one package in the shipment. Since FedEx Ground U.S. multiple-package shipments labels are not associated with sequential numbers (1 of 2, 2 of 2), you do not need to delete the entire shipment.</li> <li>For FedEx Express C.O.D. multiple-package shipments, enter any tracking number in the shipment to delete the entire shipment.</li> </ul> <p>For FedEx Ground® C.O.D. multiple-package shipments, you must delete each individual package.</p>
DeletionControl	Yes	<p>Determines the type of deletion to be performed in relation to package level versus shipment level. Valid options are:</p> <ul style="list-style-type: none"> <li>DELETE_ALL_PACKAGES</li> <li>DELETE_ENTIRE_CONSOLIDATION</li> <li>DELETE_ONE_PACKAGE</li> <li>LEGACY</li> </ul>

If you are unable to delete the package or shipment, you will receive an error condition. This error condition indicates that:

- For FedEx Ground shipments, a close has already been performed for that tracking number.
- For FedEx Express shipments, the package has already been tendered to FedEx.
- You have entered an invalid account number or meter number.
- The account number and meter number, while valid, are not associated with one another or with the tracking number.
- You entered an invalid tracking number. This applies to FedEx Ground shipments only. FedEx Express accepts any number with the correct amount of digits.

### 11.3.1.1 Example DeleteShipmentRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
<ns1:v17>
    <soapenv:Header/>
    <soapenv:Body>
        <v17:DeleteShipmentRequest>
            <v17:WebAuthenticationDetail>
                <v17:ParentCredential>
                    <v17:Key>XXXXXXXXXXXX</v17:Key>
                    <v17:Password></v17:Password>
                </v17:ParentCredential>
                <v17:UserCredential>
                    <v17:Key>XXXXXXXXXXXX</v17:Key>
                    <v17:Password></v17:Password>
                </v17:UserCredential>
            </v17:WebAuthenticationDetail>
            <v17:ClientDetail>
                <v17:AccountNumber>XXXXXXXXXXXX</v17:AccountNumber>
                <v17:MeterNumber>XXXXXXXX</v17:MeterNumber>
                <v17:MeterInstance>string</v17:MeterInstance>
            </v17:ClientDetail>
        </v17:DeleteShipmentRequest>
    </soapenv:Body>
</ns1:v17>

```

```

<v17:CompanyId>Syntel</v17:CompanyId>
<v17:SoftwareId>WSGW</v17:SoftwareId>
<v17:SoftwareRelease>3100</v17:SoftwareRelease>
<v17:ClientProductId>WAPI123</v17:ClientProductId>
<v17:ClientProductVersion>SHIPENT</v17:ClientProductVersion>
<v17:MiddlewareProductId>B123</v17:MiddlewareProductId>
<v17:MiddlewareProductVersion>SHIPENT</v17:MiddlewareProductVersion>
<v17:IntegratorId>INT123</v17:IntegratorId>
<v17:Region>US</v17:Region>
<v17:AutoConfigurationType>ENTERPRISE</v17:AutoConfigurationType>
<v17:InitiativeManifest>
    <v17:Content>string</v17:Content>
</v17:InitiativeManifest>
<v17:Localization>
    <v17:LanguageCode>EN</v17:LanguageCode>
    <v17:LocaleCode>en</v17:LocaleCode>
</v17:Localization>
</v17:ClientDetail>
<v17:TransactionDetail>
    <v17:CustomerTransactionId>Delete      Shipment</v17:CustomerTransactionId>
</v17:TransactionDetail>
<v17:Version>
    <v17:ServiceId>ship</v17:ServiceId>
    <v17:Major>17</v17:Major>
    <v17:Intermediate>0</v17:Intermediate>
    <v17:Minor>0</v17:Minor>
</v17:Version>
<v17:ShipTimestamp>YYYY-MM-DDT09:30:47-05:00</v17:ShipTimestamp>
<v17:TrackingId>
    <v17:TrackingIdType>EXPRESS</v17:TrackingIdType>
    <v17:FormId>0201</v17:FormId>
    <v17:TrackingNumber>XXXXXXXXXXXXXX</v17:TrackingNumber>
</v17:TrackingId>
<v17:DeletionControl>DELETE_ALL_PACKAGES</v17:DeletionControl>
</v17:DeleteShipmentRequest>
</soapenv:Body>
</soapenv:Envelope>

```

### 11.3.1.2 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the

purple 'Download' button.

### 11.3.1.3 Error Messages

For error messages, see *Appendix O: Error Code Messages* section of the *Web Services Developer Guide*.

## 11.4 Process Shipment Reply

The following may be returned in a Process Shipment Reply.

**Table 96. ProcessShipmentReply Elements**

Element	Required	Description
HighestSeverity	Yes	Identifies the highest severity encountered when performing the request. Valid values are: <ul style="list-style-type: none"><li>• FAILURE</li><li>• ERROR</li><li>• WARNING</li><li>• NOTE</li><li>• SUCCESS</li></ul>
Notifications	Yes	Includes the descriptive data detailing the status of a submitted transaction. Includes the severity of the notification, which indicates success or failure or some other information about the request. Valid values are: <ul style="list-style-type: none"><li>• SUCCESS - Your transaction succeeded with no other applicable information.</li><li>• NOTE - Additional information that may be of interest to you about your transaction.</li><li>• WARNING - Additional information that you need to know about your transaction that you may need to take action on.</li><li>• ERROR - Information about an error that occurred while processing your transaction.</li><li>• FAILURE - FedEx was unable to process your transaction at this time due to a system failure. Please try again later.</li></ul>
JobId	No	—
CompletedShipmentDetail	No	The reply payload. All of the returned information about this shipment/package.
CompletedShipmentDetail/UsDomestic	No	Indicates whether or not this is an intra-U.S. shipment.
CompletedShipmentDetail/CarrierCode	No	Indicates the carrier that will be used to deliver this shipment.
CompletedShipmentDetail/MasterTrackingId	No	The master tracking number and form id of this multiple piece shipment. This information is to be provided for each subsequent of a multiple piece shipment.
CompletedShipmentDetail/ServiceTypeDescription	No	Description of the FedEx service used for this shipment. Currently not supported.
CompletedShipmentDetail/PackagingDescription	No	Description of the packaging used for this shipment. Currently

		not supported.
CompletedShipmentDetail/OperationalDetail	No	Specifies shipment level operational information.
CompletedShipmentDetail/AccessDetail	No	Used only with pending shipments.
CompletedShipmentDetail/TagDetail	No	Only used in the reply to tag requests.
CompletedShipmentDetail/HazardousShipmentDetail	No	Computed shipment level information about hazardous commodities.
ProcessTagReply/CompletedShipmentDetail/ HazardousShipmentDetail/DryIceDetail		
CompletedShipmentDetail/ShipmentRating	No	All shipment-level rating data for this shipment, which may include data for multiple rate types.
CompletedShipmentDetail/CompletedHoldAtLocationDetail	No	Returns the default holding location information when HOLD_AT_LOCATION special service is requested and the client does not specify the hold location address.
CompletedShipmentDetail/ExportComplianceStatement	No	Returns any defaults or updates applied to RequestedShipment.exportDetail.ExportComplianceStatement.
CompletedShipmentDetail/CompletedEtdDetail	No	Valid values are: <ul style="list-style-type: none"> <li>• FolderId – The identifier for all clearance documents associated with this shipment.</li> <li>• UploadDocumentReferenceDetails</li> </ul>
CompletedShipmentDetail/ShipmentDocuments	No	All shipment-level shipping documents (other than labels and barcodes).
CompletedShipmentDetail/AssociatedShipments	No	Provides the customer with the Delivery on Invoice Acceptance data.
CompletedShipmentDetail/CompletedCodDetail	No	Specifies the results of processing for the COD special service.
CompletedShipmentDetail/CompletedPackageDetails	No	Package level details about this package.
/CompletedPackageDetails/SequenceNumber	No	The package sequence number of this package in a multiple piece shipment.
/CompletedPackageDetails/TrackingIds	No	The tracking number and form id for this package.
/CompletedPackageDetails/GroupNumber	No	Used with request containing PACKAGE_GROUPS, to identify which group of identical packages was used to produce a reply item.
/CompletedPackageDetails/OversizeClass	No	Oversize class for this package.
/CompletedPackageDetails/PackageRating	No	All package-level rating data for this package, which may include data for multiple rate types.
/PackageRating/ActualRateType	No	This rate type identifies which entry in the following array is considered as presenting the "actual" rates for the package.
/PackageRating/EffectiveNetDiscount	No	The "list" net change minus "actual" net change.

/PackageRating/PackageRateDetails	No	Each element of this field provides package-level rate data for a specific rate type.
/PackageRating/PackageRateDetail/RateType	No	Type used for this specific set of rate data.
/PackageRating/PackageRateDetail/RatedWeightMethod	No	Indicates which weight was used.
/PackageRating/PackageRateDetail/MinimumChargeType	No	INTERNAL FEDEX USE ONLY.
/PackageRating/PackageRateDetail/BillingWeight	No	The weight that was used to calculate the rate.
/PackageRating/PackageRateDetail/OversizeWeight	No	The oversize weight of this package (if the package is oversize).
/PackageRating/PackageRateDetail/BaseCharge	No	The Transportation charge only (prior to any discounts applied) for this package.
/PackageRating/PackageRateDetail/TotalFreightDiscounts	No	The sum of all discounts on this package.
/PackageRating/PackageRateDetail/NetFreight	No	This package's baseCharge - totalFreightDiscounts.
/PackageRating/PackageRateDetail/TotalSurcharges	No	The sum of all surcharges on the package.
/PackageRating/PackageRateDetail/NetFedExCharge	No	The package's netFreight + totalSurcharges (not including totalTaxes).
/PackageRating/PackageRateDetail/TotalTaxes	No	The sum of all taxes on this package.
/PackageRating/PackageRateDetail/NetCharge	No	The package's netFreight + totalSurcharges + totalTaxes.
/PackageRating/PackageRateDetail/TotalRebates	No	The total sum of all rebates applied to this package.
/PackageRating/PackageRateDetail/FreightDiscounts	No	All rate discounts that apply to this package.
/PackageRating/PackageRateDetail/Rebates	No	All rebates that apply to this package.
/PackageRating/PackageRateDetail/Surcharges	No	All surcharges that apply to this package (either because of characteristics of the package itself, or because it is carrying per-shipment surcharges for the shipment of which it is a part).
/Surcharges/SurchargeType	No	<p>The type of surcharge applied to the shipment. Valid values are:</p> <ul style="list-style-type: none"> <li>• ADDITIONAL_HANDLING</li> <li>• ANCILLARY_FEE</li> <li>• APPOINTMENT_DELIVERY</li> <li>• BROKER_SELECT_OPTION</li> <li>• CANADIAN_DESTINATION</li> <li>• CLEARANCE_ENTRY_FEE</li> <li>• COD</li> <li>• CUT_FLOWERS</li> <li>• DELIVERY_AREA</li> <li>• DELIVERY_CONFIRMATION</li> <li>• DELIVERY_ON_INVOICE_ACCEPTANCE</li> <li>• DOCUMENTATION_FEE</li> <li>• DRY_ICE</li> <li>• EMAIL_LABEL</li> </ul>

- EUROPE\_FIRST
- EXCESS\_VALUE
- EXHIBITION
- EXPORT
- EXTRA\_SURFACE\_HANDLING\_CHARGE
- EXTREME\_LENGTH
- FEDEX\_INTRACOUNTRY\_FEES
- FEDEX\_TAG
- FICE
- FLATBED
- FREIGHT\_GUARANTEE
- FREIGHT\_ON\_VALUE
- FREIGHT\_TO\_COLLECT
- FUEL
- HOLD\_AT\_LOCATION
- HOME\_DELIVERY\_APPOINTMENT
- HOME\_DELIVERY\_DATE\_CERTAIN
- HOME\_DELIVERY\_EVENING
- INSIDE\_DELIVERY
- INSIDE\_PICKUP
- INSURED\_VALUE
- INTERHAWAII
- LIFTGATE\_DELIVERY
- LIFTGATE\_PICKUP
- LIMITED\_ACCESS\_DELIVERY
- LIMITED\_ACCESS\_PICKUP
- METRO\_DELIVERY
- METRO\_PICKUP
- NON\_MACHINABLE
- OFFSHORE
- ON\_CALL\_PICKUP
- OTHER
- OUT\_OF\_DELIVERY\_AREA
- OUT\_OF\_PICKUP\_AREA
- OVERSIZE
- OVER\_DIMENSION
- PIECE\_COUNT\_VERIFICATION
- PRE\_DELIVERY\_NOTIFICATION
- PRIORITY\_ALERT
- PROTECTION\_FROM\_FREEZING
- REGIONAL\_MALL\_DELIVERY
- REGIONAL\_MALL\_PICKUP
- REROUTE
- RESCHEDULE
- RESIDENTIAL\_DELIVERY
- RESIDENTIAL\_PICKUP
- RETURN\_LABEL
- SATURDAY\_DELIVERY
- SATURDAY\_PICKUP
- SIGNATURE\_OPTION

		<ul style="list-style-type: none"> <li>• TARP</li> <li>• THIRD_PARTY_CONSIGNEE</li> <li>• TRANSMART_SERVICE_FEE</li> </ul>
/Surcharges/Level	No	Identifies whether the surcharge is assessed at the PACKAGE or SHIPMENT level.
/Surcharges/Description	No	The data describing the surcharge.
/Surcharges/Amount	Yes	The amount of the surcharge applied to the shipment.
/PackageRating/PackageRateDetail/Taxes	No	All taxes applicable (or distributed to) this package.
/PackageRating/PackageRateDetail/VariableHandlingCharges	No	The variable handling charges calculated based on the type variable handling charges requested.
/CompletedPackageDetails/OperationalDetail	No	Specifies package level operational information.
/CompletedPackageDetails/Label	No	The label image or printer commands to print the label.
/CompletedPackageDetails/PackageDocuments	No	All package-level shipping documents (other than labels and barcodes). For use in loads after January 2008.
/CompletedPackageDetails/CodReturnDetail	No	Specifies the information associated with this package that has COD special service in a ground shipment.
/CompletedPackageDetails/SignatureOption	No	Actual signature option applied, to allow for cases in which the original value conflicted with other service features in the shipment.
/CompletedPackageDetails/DryIceWeight	No	Descriptive data required for a FedEx shipment containing dry ice. Descriptive data includes Weight and Units in KGs. This element is required when SpecialServiceType DRY_ICE is present in the SpecialServiceTypes collection at the package level.
/CompletedPackageDetails/HazardousPackageDetail	No	Documents the kinds and quantities of all hazardous commodities in the current package, using updated hazardous commodity description data.
/CompletedPackageDetail/CompletedHazardousPackageDetail /ValidatedHazardousContainer/ ValidatedHazardousCommodityContent/NetExplosiveDetail		The total mass of the contained explosive substances, without the mass of any casings, bullets, shells, etc.
RequestedPackageLineItem/PackageSpecialServicesRequested/ DangerousGoodsDetail/DangerousGoodsContainer /HazardousCommodityContent/NetExplosiveDetail /NetExplosiveClassificationType		<p>Valid values:</p> <ul style="list-style-type: none"> <li>• NET_EXPLOSIVE_CONTENT</li> <li>• NET_EXPLOSIVE_MASS</li> <li>• NET_EXPLOSIVE_QUANTITY</li> <li>• NET_EXPLOSIVE_WEIGHT</li> </ul>
ErrorLabels	No	Empty unless error label behavior is PACKAGE_ERROR_LABELS and one or more errors occurred during transaction processing.
CompletedShipmentDetail/	Yes	Provides the ability to return multiple sets of Email label access

PendingShipmentAccessDetail/ AccessorDetails		<p>credentials:</p> <ul style="list-style-type: none"> <li>• Role           <ul style="list-style-type: none"> <li>◦ “SHIPMENT_COMPLETOR”</li> <li>◦ “SHIPMENT_INITIATOR”</li> </ul> </li> <li>• userId</li> <li>• password</li> <li>• emailLabelUrl</li> </ul>
---	--	---

## 11.5 Validate Shipment

Validate Shipment is part of the Shipping service that allows customers to validate the accuracy of a shipment request prior to actually submitting the shipment transaction.

This feature allows businesses that receive shipping orders from end-user customers to validate the shipment information prior to submitting a create shipment transaction to FedEx and printing a label. If for any reason the information needs to be edited or changed, it can be done while the end-user is still available to confirm the changes.

### 11.5.1 ValidateShipmentRequestElements

In addition to the basic request elements required for all operations, the following elements are required for when coding a ValidateShipmentRequest:

**Table 97. Validate Shipment Request Elements**

Element	Required	Description
RequestedShipment	Yes	Describe ship information you wish to validate. For information on RequestedShipment elements, see <a href="#">Ship Service Coding Basics</a> .
RequestedShipment/SpecialServicesRequested/ ShipmentDryIceDetail		
RequestedShipment/RequestedPackageLineItems/ SpecialServicesRequested/DangerousGoodsDetail/ UploadedTrackingNumber		Customers reference the previously uploaded DG shipment in the Ship/OpenShip request by passing in 'UploadedTrackingNumber' in the request to complete the shipment and produce the label. DG data upload mode is identified by the presence of UploadedTrackingNumber.
RequestedShipment/ShippingDocumentSpecification/ FreightAddressLabelDetail/ DocTabContent/DocTabContentType		Valid values are: <ul style="list-style-type: none"> <li>• BARCODED</li> <li>• CUSTOM</li> <li>• MINIMUM</li> <li>• STANDARD</li> <li>• ZONE001</li> </ul>
RequestedShipment/ShippingDocumentSpecification/ /CustomDocumentDetail		Data required to produce a custom-specified document, either at shipment or package level.
CustomDocumentDetail/Format		Common information controlling document production.
CustomDocumentDetail/LabelPrintingOrientation		Applicable only to documents produced on thermal printers with roll stock.
CustomDocumentDetail/LabelRotation		Applicable only to documents produced on thermal printers with roll stock.

CustomDocumentDetail/SpecificationId		Identifies the formatting specification used to construct this custom document.
CustomDocumentDetail/CustomDocumentIdentifier		Identifies the individual document specified by the client.
CustomDocumentDetail/DocTabContent		If provided, thermal documents will include specified doc tab content. If omitted, document will be produced without doc tab content.
CustomDocumentDetail/CustomLabelDetail		This allows the customer to define how custom information is to be positioned and formatted on a custom label or the customizable portion of a shipping label, and what the custom information should be.
CustomLabelDetail/CoordinateUnits		Valid values are: <ul style="list-style-type: none"> <li>• MILS (thousandths of an inch)</li> <li>• PIXELS (device-dependent)</li> </ul>
CustomLabelDetail/TextEntries		Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).
CustomLabelDetail/GraphicEntries		Image to be included from printer's memory, or from a local file for offline clients.
CustomLabelDetail/BoxEntries		Solid (filled) rectangular area on label.
CustomLabelDetail/CustomLabelTextBoxEntry		Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).
CustomLabelTextBoxEntry/TopLeftCorner		Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/BottomRightCorner		Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/Position		Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/Format		Format
CustomLabelTextBoxEntry/DataFields		Data fields

CustomLabelTextBoxEntry/ThermalFontId		Printer-specific font name for use with thermal printer labels.
CustomLabelTextBoxEntry/FontName		Generic font name for use with plain paper labels.
CustomLabelTextBoxEntry/FontSize		Generic font size for use with plain paper labels.
CustomLabelTextBoxEntry/Rotation		<p>Describes the rotation of an item from its default orientation.      Valid values are:</p> <ul style="list-style-type: none"> <li>• NONE</li> <li>• RIGHT</li> <li>• UPSIDE_DOWN</li> </ul>
CustomLabelDetail/BarcodeEntries		Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.
RequestedShipment/LabelSpecification/ CustomerSpecifiedLabelDetail/LabelMaskableDataType		<p>Names of data elements/areas which may be suppressed from printing on labels.</p> <ul style="list-style-type: none"> <li>• CUSTOMS_VALUE</li> <li>• DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER</li> <li>• SECONDARY_BARCODE</li> <li>• SHIPPER_ACCOUNT_NUMBER</li> <li>• TERMS_AND_CONDITIONS</li> <li>• TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER</li> </ul>
RequestedShipment/SmartPostShipmentDetail/ SmartPostShipmentProcessingOptionsRequested		Through this option, an existing SmartPost small shipper or return shipper can specify to have the Ground tracking number provided in the shipment reply. This is a contingency feature in case the customer requires the Ground tracking number for internal processes or for tracking SmartPost shipments. The Ground tracking number will only be provided for existing SmartPost small shippers or return shippers. Customers will have the same reporting and tracking capabilities as today when they receive a Ground tracking number. However, the Ground tracking number will not be printed on the FXSP shipping label. FedEx.com provides the same tracking visibility for SmartPost shipments when using either the SmartPost tracking number or the Ground tracking number. FedEx recommends using fedex.com, rather than USPS.com, for all tracking activities for SmartPost shipments.
RequestedShipment/SmartPostShipmentDetail/ SmartPostShipmentProcessingOptionsRequested/ SmartPostShipmentProcessingOptionType		<p>Valid values:</p> <ul style="list-style-type: none"> <li>• GROUND_TRACKING_NUMBER_REQUESTED</li> </ul>
RequestedShipment/RequestedPackageLineItem/ PackageSpecialServicesRequested/ DangerousGoodsDetail/DangerousGoodsContainer		The total mass of the contained explosive substances, without the mass of any casings, bullets, shells, etc.

/HazardousCommodityContent/NetExplosiveDetail		
RequestedPackageLineItem/ PackageSpecialServicesRequested/ DangerousGoodsDetail/DangerousGoodsContainer /HazardousCommodityContent/NetExplosiveDetail/ NetExplosiveClassificationType		<p>Valid values:</p> <ul style="list-style-type: none"> <li>• NET_EXPLOSIVE_CONTENT</li> <li>• NET_EXPLOSIVE_MASS</li> <li>• NET_EXPLOSIVE_QUANTITY</li> <li>• NET_EXPLOSIVE_WEIGHT</li> </ul>

## 11.5.2 ValidateShipmentReply Data

Successful reply data are returned in a ValidateShipmentReply.

## 11.5.3 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.

## 11.6 FedEx One Rate

FedEx One Rate is the Legal and Brand approved name for the new one rate shipping portfolio based on Six Express Service options, combined with seven FedEx proprietary (white) packaging types. As part of the FedEx One Rate project, new FedEx white packaging will be introduced for your use.

### 11.6.1 FedEx One Rate Packaging

Valid FedEx Packaging for the One Rate Pricing Option:

The FedEx Packaging Types that are valid/available with the One Rate pricing option are the following:

- FEDEX\_ENVELOPE
- FEDEX\_EXTRA\_LARGE\_BOX
- FEDEX\_LARGE\_BOX
- FEDEX\_MEDIUM\_BOX
- FEDEX\_PAK
- FEDEX\_SMALL\_BOX

- FEDEX\_TUBE

Your own packaging is not available for the One Rate pricing option.

## 11.6.2 New Packaging for Non-One Rate (Traditional Weight-Based)

New FedEx Packaging for Non-One Rate (Traditional Weight-Based) Pricing Option:

The new FedEx Packaging Types that are valid/available with the non-One Rate, or traditional weight-based, pricing option are the following:

- FEDEX\_SMALL\_BOX
- FEDEX\_MEDIUM\_BOX
- FEDEX\_LARGE\_BOX
- FEDEX\_EXTRA\_LARGE\_BOX

## 11.6.3 Maximum Weight for New FedEx Packaging

The maximum allowable weights for the New FedEx Packaging (referenced below) are:

- FEDEX\_SMALL\_BOX
- FEDEX\_MEDIUM\_BOX
- FEDEX\_LARGE\_BOX
- FEDEX\_EXTRA\_LARGE\_BOX

For U.S. domestic traditional weight-based Express shipment:..... 20 lb/9 kg

For U.S. outbound traditional weight-based Express shipment:..... 40 lb/18 kg

For U.S. domestic Express One Rate shipment:.....10 lb/4.5 kg (Envelope)

For U.S. domestic Express One Rate shipment:.....50 lb/22.68 kg (all other)

## 11.6.4 How to Specify One Rate Pricing

**How to Specify FedEx One Rate Pricing Option in the Web Service Transaction:**

1. Specify the "FEDEX\_ONE\_RATE" ShipmentSpecialService.
2. Specify one of the following Packaging Types:

**Table 98. Packaging Types**

Packaging Type	Max Weight (lbs)	Max Weight (kg)
FEDEX_SMALL_BOX	50	22.68
FEDEX_MEDIUM_BOX	50	22.68
FEDEX_LARGE_BOX	50	22.68
FEDEX_EXTRA_LARGE_BOX	50	22.68
FEDEX_PAK	50	22.68
FEDEX_TUBE	50	22.68
FEDEX_ENVELOPE	10	4.5

3. Specify a U.S. origin and a U.S. destination. (note: intra-Hawaii shipments are not allowed for One Rate pricing.)
4. Specify one of the following FedEx Express services:
  - FIRST\_OVERNIGHT
  - PRIORITY\_OVERNIGHT
  - STANDARD\_OVERNIGHT
  - 2\_DAY

- 2\_DAY\_AM
- EXPRESS\_SAVER

*\*Note: Web Services clients can request both One Rate and weight-based (non-One Rate) rates in a single RateRequest by specifying "FEDEX\_ONE\_RATE" as a ServiceOptionType in the RateRequest.variableOptions.*

### 11.6.5 Express Saver Service and FedEx Packaging

Weight-Based Express Saver Now Available with FedEx Packaging:

Packages can now be shipped using the Express Saver service for a weight-based rate in the following FedEx packaging;

- FEDEX\_SMALL\_BOX
- FEDEX\_MEDIUM\_BOX
- FEDEX\_LARGE\_BOX
- FEDEX\_EXTRA\_LARGE\_BOX
- FEDEX\_TUBE

Previously, only your own packaging was allowed for the Express Saver service.



## 12. Returns Shipping

Returns are available for intra-country and international shipping in a variety of areas wherever existing FedEx Express and FedEx Ground services are available. You can associate or "link" an outbound shipment with a return shipment using the tracking numbers.

When processing your global return package with FedEx automation, you'll need to provide a reason for that return for customs clearance purposes, on both the outbound and return shipments, when processing your package. Identify your package as a return and include the return type. Select the correct return reason from the table below.

Table 99. Return Types

OUTBOUND What's the reason for including a return label?	RETURN What's the reason for the return?	When to use
Courtesy Return Label	Rejected Merchandise	Select these two reasons when you're including a return label for your customer in your shipment, but typically don't expect returns.
For Exhibition/Trade Show	Exhibition/Trade Show Returns	Select these two reasons when the goods you're shipping are for a show, exhibition, trade show or event.
Item for Loan	Return of Loaned Item	Select these two reasons when the goods you're shipping are for temporary use by the recipient to be returned to you in an unaltered state.
For Repair/Processing	Repair/Processing Returns	Select these two reasons when the goods you're shipping will be either repaired or otherwise processed before being returned to you. Processing can include things like modification, incorporation, or treatment of some kind.
Items for Use in a Trial	Trial Returns	Select these two reasons when the goods you're shipping are for a trial and will be returned to you.
Replacement	Faulty Item Being Sent	Select these two reasons when you're shipping a replacement item in advance of receiving a faulty item back.
Temporary Export – Other	Return – Other	Select these two reasons when none of the other reasons listed apply. When you select these reasons, you'll have the ability to state your exact reason for the return.
Following Repair/Processing	N/A	Select this reason when the recipient of the goods previously sent you the item for repair; however, they had not previously shipped with

Once the return shipment is generated you can track it through available tracking applications, thus increasing visibility timeframe.

You have the capability of creating associated outbound and return shipments:

- on different shipping platforms
- with a destination different from the origin of the associated outbound shipment (which includes the possibility of returning to a different country)
- with an origin different from the destination of the associated outbound shipment

FedEx<sup>®</sup> Returns solutions provide two methods of processing return labels: FedEx Return Labels and FedEx Return Tags.

- FedEx Return Label solutions let you either generate Print Return or Email Return labels or use pre-printed labels (Billable Stamps and Ground Package Returns Program).
  - FedEx Print Return label – Create and print a return label, then include it either in the original shipment to your customer or in a separate correspondence. Your customer can then apply this label to the package as needed and drop it off at the nearest FedEx drop-off location.
  - FedEx Email Return label – Email your customers a password-protected [fedex.com](http://fedex.com) URL that they can access to print a return label directly from their computer. The customer receives an email with a link to the label, then prints the label, applies it to the package, and drops it off at the nearest FedEx drop-off location. See *Email Return Label Elements* section of *Open Shipping*.
  - Printed return labels do not expire and are valid for transportation use anytime. However, if the label is more than 255 days old, then the customer will not be able to track the shipment, even though the label is still usable.
- FedEx Return Tag solutions (FedEx Express<sup>®</sup> Tag and FedEx Ground<sup>®</sup> Call Tag) provide return labels generated by FedEx at the time of package pickup. You arrange for FedEx to create and deliver return shipping labels to your customer and collect the item for return. Your customer simply needs to have the package ready for pickup when the FedEx Express<sup>®</sup> courier arrives. A shipping label and a customer receipt will be printed on-site. You also schedule the pickup; for FedEx Express, the pickup is on the same day or the next business day, Monday through Friday. FedEx makes one pickup attempt as part of the service. For FedEx Ground, the pickup is the next business day and up to 10 business days in advance. Business days are Monday through Friday for commercial pickups, and Tuesday through Saturday for residential pickups. FedEx makes three pickup attempts as part of the service.

You can also print return instructions to include with your outbound shipments using the `ReturnInstructionsDetail`.

This section describes how to create and delete FedEx Express and FedEx Ground return tag requests and how to include a FedEx Express or FedEx Ground return label in your `Ship` request.

You can also find more information on shipping labels in [Creating a Label](#).

## 12.1 Global Returns

FedEx Global Returns program expands the current Returns Product Portfolio by developing a global returns solution across all regions (Asia Pacific, Europe, the Middle East & Africa, Latin America & the Caribbean, US and Canada) and within regions for domestic returns. This will facilitate returns documentation process, providing an outbound/inbound solution and offering a complete bundle of portfolio options. It also supports returns back to the original origin, returns to a new location or an intra-county return, where available.

It provides the ability for a merchant to request an email return label and trade documents for international and non-US Domestic return shipments and make them available to the return shipper. Many of the enhancements introduced also apply to US Domestic Email Return Label shipments, including, but not limited to: Return instructions, Merchant notifications, Merchant documents, and an extended expiration period (2 years).

The web service transaction updates related to Global Returns can be found in the *RateRequest/Reply Elements*, *CreateOpenShipment Request/Reply Elements*, *ProcessShipment Reply*, and *UploadDocumentsRequest* transaction tables.

## 12.2 FedEx Return Tags

FedEx creates and delivers a return shipping label to your customer and collects the item for return. Your customer needs to have the package ready for pickup when the FedEx driver arrives.

Use the ShipService WSDL to create and delete Return Tag requests for FedEx Express and FedEx Ground shipments.

Before creating a Return Tag for FedEx Express shipments, you can use [Express\\_TagAvailability](#) from the ReturnTagService WSDL to check valid pickup times.

### 12.2.1 Return Tag Service Details

For FedEx Ground, up to three pickup attempts, and for FedEx Express, one pickup attempt will be made for a Return Tag request before the request is canceled.

The following service details apply to Return Tags.

#### 12.2.1.1 Delivery Area

- Available for FedEx deliveries throughout the 50 United States.
- FedEx Express and FedEx Ground return tag labels are not available for international shipments.
- Both commercial and residential locations are allowed.
- Intra-country returns are also available. Refer to [FedEx\\_Intra-Country\\_Shipping](#) for a list of countries that support intra-country shipping services.

#### 12.2.1.2 Exceptions

- No transborder service to or from Canada and Puerto Rico.
- [Hazardous\\_Materials\\_FedEx\\_Ground\\_U\\_S.](#), [Dry\\_Ice\\_Shipments](#), [Dangerous\\_Goods](#) cannot be shipped.

#### 12.2.1.3 Additional Information

- Additional service options include residential pickup.
- The maximum declared value is \$25,000USD.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 12.2.2 Return Tag Coding Details

The following coding details apply to Return Tags:

- You may request one Return Tag pickup in a single transaction.
- You may request up to 99 pieces in a multiple-piece Return Tag transaction.
- No Ground manifest is required.
- FedEx® Express Tag shipments can be associated to an outbound shipment via the Return association element.
- FedEx Ground® Call Tag shipments can be associated to an outbound shipment via the RMA element.

#### 12.2.2.1 ProcessTagRequest Elements

In addition to the basic shipping elements required to request a Return Tag, the following elements must be included in the ProcessTagRequest:

**Table 100. ProcessTagRequest Elements**

Element	Description
RequestedShipment/Shipper	<p>Required. Pickup location information, including contact name, company, address, etc.</p> <p><i>Note: This element also includes the Residential element. If you are requesting a Return Tag pickup for a residential address, you must include this element for correct surcharge calculation.</i></p>
RequestedShipment/Recipient	<p>Required. Package delivery destination information, including contract name, company, address, etc.</p> <p><i>Note: This element also includes the Residential element. If you are requesting a Return Tag package delivery to a residential address, you must include this element for correct surcharge calculation.</i></p>
RequestedShipment/ShippingChargesPayment	<p>Required. Valid elements for the PaymentType are:</p> <ul style="list-style-type: none"> <li>• SENDER</li> <li>• THIRD_PARTY</li> </ul> <p><i>Note: The Payor/ResponsibleParty/AccountNumber element is required.</i></p>
RequestedShipment/SpecialServicesRequested/SpecialServicesTypes	<p>Required. Special Services Type: RETURN_SHIPMENT</p>
RequestedShipment/ReturnShipmentDetail/ReturnType	<p>Required. Return Type: FEDEX_TAG</p>
RequestedShipment/ShipmentSpecialServicesRequested/ReturnShipmentDetail/Rma/Reason	<p>Optional. Customer-provided reason for the return.</p>
RequestedShipment/ReturnAssociation/TrackingNumber	<p>Optional. This is the tracking number for the outbound shipment associated with this return. FedEx® ExpressTag shipments are associated by the ReturnAssociation element only.</p>
RequestedShipment/ReturnAssociation/Shipdate	<p>Optional. This is the ship date for the outbound shipment associated with the return.</p> <p><i>Note: Does not apply to FedEx Ground® Call Tags.</i></p>
RequestedShipment/PickupDetail/ReadyDateTime	<p>Required. The earliest time the package will be ready for pickup. The time entry must be between 08:00:00 and 18:00:00. The date and time information must be in the format YYYY-MM-DDHH:MM:SS.</p>
RequestedShipment/PickupDetail/LatestPickupDateTime	<p>Required. The latest time the package can be picked up by the carrier. This can also represent the business close time. Required for commercial/business pickup locations. The date and time information must be in the format YYYY-MM-DDHH:MM:SS.</p> <p>The date component must be in the format YYYY-MM-DD, such as 2006-06-26. The time component must be in the format HH:MM:SS using a 24-hour clock, such as 11:00 a.m. is 11:00:00, 5:00 p.m. is 17:00:00.</p>

	<p>The date and time are separated by the letter T, such as 2006-06-26T17:00:00).</p> <p>There is also a UTC offset component indicating the number of hours and minutes from UTC, such as 2006-06-26T17:00:00-0400 is June 26, 2006 5:00 p.m. Eastern Time. The time entry must be between 08:00:00 and 18:00:00.</p>
RequestedShipment/PickupDetail/CourierInstructions	Optional. Additional instructions to the FedEx courier, such as package location or directions, may be added to your request.
RequestedShipment/ShippingDocumentSpecification/CustomDocumentDetail	Data required to produce a custom-specified document, either at shipment or package level.
CustomDocumentDetail/Format	Common information controlling document production.
CustomDocumentDetail/LabelPrintingOrientation	Applicable only to documents produced on thermal printers with roll stock.
CustomDocumentDetail/LabelRotation	Applicable only to documents produced on thermal printers with roll stock.
CustomDocumentDetail/SpecificationId	Identifies the formatting specification used to construct this custom document.
CustomDocumentDetail/CustomDocumentIdentifier	Identifies the individual document specified by the client.
CustomDocumentDetail/DocTabContent	If provided, thermal documents will include specified doc tab content. If omitted, document will be produced without doc tab content.
CustomDocumentDetail/CustomLabelDetail	This allows the customer to define how custom information is to be positioned and formatted on a custom label or the customizable portion of a shipping label, and what the custom information should be.
CustomLabelDetail/CoordinateUnits	Valid values are: <ul style="list-style-type: none"> <li>• MILS (thousandths of an inch)</li> <li>• PIXELS (device-dependent)</li> </ul>
CustomLabelDetail/TextEntries	Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).
CustomLabelDetail/GraphicEntries	Image to be included from printer's memory, or from a local file for offline clients.
CustomLabelDetail/BoxEntries	Solid (filled) rectangular area on label.
CustomLabelDetail/CustomLabelTextBoxEntry	Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).

CustomLabelTextBoxEntry/TopLeftCorner	Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/BottomRightCorner	Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/Position	Horizontal and vertical position, relative to left edge of custom area.
CustomLabelTextBoxEntry/Format	Format
CustomLabelTextBoxEntry/DataFields	Data fields
CustomLabelTextBoxEntry/ThermalFontId	Printer-specific font name for use with thermal printer labels.
CustomLabelTextBoxEntry/FontName	Generic font name for use with plain paper labels.
CustomLabelTextBoxEntry/FontSize	Generic font size for use with plain paper labels.
CustomLabelTextBoxEntry/Rotation	<p>Describes the rotation of an item from its default orientation.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• NONE</li> <li>• RIGHT</li> <li>• UPSIDE_DOWN</li> </ul>
CustomLabelDetail/BarcodeEntries	Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.
RequestedShipment/ ShippingDocumentSpecification /ReturnInstructionsDetail	Optional. Specifies the production of the return instructions document.
ShippingDocumentSpecification/ ReturnInstructionsDetail/Format	Optional. Specifies characteristics of a shipping document to be produced.
ShippingDocumentSpecification/ ReturnInstructionsDetail/CustomText	Optional. Specifies additional customer provided text to be inserted into the return document.
RequestedShipment/PackageCount	Required. This element is required if you want to process a multiple-package shipment. FedEx allows up to 99 pieces in a single transaction.

RequestedShipment/ RequestedPackageLineItems	Required. An array of individual package attributes. Single piece tag requests will have one RequestedPackageLineItem. Multiple piece tag requests will have multiple RequestedPackageLineItems. RequestedPackageLineItems cannot exceed 99.
RequestedShipment/RequestedPackageLineItems/ SpecialServicesRequested/DangerousGoodsDetail/ UploadedTrackingNumber	Customers reference the previously uploaded DG shipment in the Ship/OpenShip request by passing in 'UploadedTrackingNumber' in the request to complete the shipment and produce the label. DG data upload mode is identified by the presence of UploadedTrackingNumber.
ProcessShipmentRequest/RequestedShipment/ SpecialServicesRequested/ShipmentDryIceDetail	
RequestedShipment/ RequestedPackageLineItems/InsuredValue	Optional. This is the declared value for an individual package. Use this element if you want to declare a higher value. <i>Note: InsuredValue refers to declared value of the package. FedEx does not provide insurance of any kind. InsuredValue element includes currency and amount.</i>
RequestedShipment/RequestedShipment/ RequestedPackagesLineItems/InsuredValue/Amount	Optional. FedEx liability for each package is limited to \$100USD unless a higher value is declared and paid for. Use this element if you want to declare a higher value. FedEx does not provide insurance of any kind. <i>Note: "InsuredValue" refers to declared value of the package. FedEx does not provide insurance of any kind.</i>
RequestedShipment/ RequestedPackageLineItems/Weight	Required. Weight element includes units and value.
RequestedShipment/ RequestedPackagesLineItems/ Weight/Value	Required. If you include the PackageCount element in your request, the Weight/Value element must equal the total weight of the packages to be picked up.
RequestedShipment/ RequestedPackageLineItems/ItemDescription	Optional. The text describing the package.
RequestedShipment/ RequestedPackagesLineItems/ CustomerReferences/ CustomerReferenceType	Optional. A maximum of 40 characters is accepted in this element. This element allows customer-defined notes to print on the shipping label. Use RMA_ASSOCIATION to associate outbound and return shipments by the RMA Number.
RequestedShipment/ RequestedPackagesLineItems/ CustomerReferences/Value	Optional. A maximum of 40 characters is accepted in this element. This element allows customer-defined notes to print on the shipping label. <i>Note: A maximum of 20 characters is accepted for the RMA_ASSOCIATION CustomerReferenceType.</i>
RequestedShipment/ RequestedPackageLineitems/ CustomerReferences/CustomerReferenceType	Optional. Specifies where to print the customer reference value. Valid values: <ul style="list-style-type: none"> <li>• BILL_OF_LADING</li> <li>• CUSTOMER_REFERENCE</li> <li>• DEPARTMENT_NUMBER</li> <li>• ELECTRONIC_PRODUCT_CODE</li> <li>• INTRACOUNTRY_REGULATORY_REFERENCE</li> </ul>

	<ul style="list-style-type: none"> <li>• INVOICE_NUMBER</li> <li>• P_O_NUMBER</li> <li>• RMA_ASSOCIATION</li> <li>• SHIPMENT_INTEGRITY</li> <li>• STORE_NUMBER</li> </ul>
ShippingDocumentSpecification /FreightAddressLabelDetail/DocTabContent /DocTabContentType	Valid values are: <ul style="list-style-type: none"> <li>• BARCODED</li> <li>• CUSTOM</li> <li>• MINIMUM</li> <li>• STANDARD</li> <li>• ZONE001</li> </ul>
RequestedShipment/RequestedPackageLineItem/ PackageSpecialServicesRequested/ DangerousGoodsDetail/DangerousGoodsContainer/ HazardousCommodityContent/NetExplosiveDetail	The total mass of the contained explosive substances, without the mass of any casings, bullets, shells, etc.
RequestedPackageLineItem/PackageSpecialServicesRequested/ DangerousGoodsDetail/DangerousGoodsContainer /HazardousCommodityContent/NetExplosiveDetail/ NetExplosiveClassificationType	Valid values: <ul style="list-style-type: none"> <li>• NET_EXPLOSIVE_CONTENT</li> <li>• NET_EXPLOSIVE_MASS</li> <li>• NET_EXPLOSIVE_QUANTITY</li> <li>• NET_EXPLOSIVE_WEIGHT</li> </ul>
RequestedShipment/LabelSpecification/ CustomerSpecifiedLabelDetail/LabelMaskableDataType	Names of data elements/areas which may be suppressed from printing on labels. <ul style="list-style-type: none"> <li>• CUSTOMS_VALUE</li> <li>• DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER</li> <li>• SECONDARY_BARCODE</li> <li>• SHIPPER_ACCOUNT_NUMBER</li> <li>• TERMS_AND_CONDITIONS</li> <li>• TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER</li> </ul>
RequestedShipment/SmartPostShipmentDetail/ SmartPostShipmentProcessingOptionsRequested	Through this option, an existing SmartPost small shipper or return shipper can specify to have the Ground tracking number provided in the shipment reply. This is a contingency feature in case the customer requires the Ground tracking number for internal processes or for tracking SmartPost shipments. The Ground tracking number will only be provided for existing SmartPost small shippers or return shippers. Customers will have the same reporting and tracking capabilities as today when they receive a Ground tracking number. However, the Ground tracking number will not be printed on the FXSP shipping label. Fedex.com provides the same tracking visibility for SmartPost shipments when using either the SmartPost tracking number or the Ground tracking number. Fedex recommends using fedex.com, rather than USPS.com, for all tracking activities for SmartPost shipments.
RequestedShipment/SmartPostShipmentDetail/ SmartPostShipmentProcessingOptionsRequested /SmartPostShipmentProcessingOptionType	Valid value: <ul style="list-style-type: none"> <li>• GROUND_TRACKING_NUMBER_REQUESTED</li> </ul>

## 12.2.3 DeleteTagRequest

If the package has not yet been picked up by the carrier, then the ReturnTag request can be deleted using the DeleteTagRequest process method of the Ship WSDL. In addition to the standard AuthenticationDetail and ClientDetail elements required for all services, the following elements are required for a DeleteTagRequest:

**Table 101. DeleteTagRequest Elements**

Element	Description
DeleteTagRequest/DispatchLocationId	Optional. Required to cancel FedEx Express Tags. Only used for tags which had FedEx Express services.
DeleteTagRequest/DispatchDate	Required. Specify the date that the dispatch was requested. Format: YYYY-MM-DD.
DeleteTagRequest/Payment	Required. If the original ProcessTagRequest specified third-party payment, then the delete request must contain the same pay type and payor account number for security purposes.
DeleteTagRequest/ConfirmationNumber	Required. This number is returned in the DeleteTagReply. To identify the Tag request you want to delete, this number must be included.

## 12.2.4 ExpressTagAvailability

Before creating a Process Tag request, you can use the ExpressTagAvailabilityRequest from the ReturnTagService WSDL to check valid access/pickup times and ready times for Express services only. In addition to the standard AuthenticationDetail and Client detail elements required for all services, the following element is required:

**Table 102. ExpressTagAvailabilityRequest Element**

Element	Description
ExpressTagAvailabilityRequest	The following elements are required: <ul style="list-style-type: none"> <li>ReadyDateTime - This element must contain the date and time the package will be ready for pickup (Format: YYYY-MM-DDTHH:MM:SS, Example: 2014-02-10T12:00:00).</li> <li>OriginAddress</li> <li>Service - FedEx Express services only</li> <li>Packaging</li> </ul>

In addition to transaction details and error conditions, the ExpressTagAvailabilityReply returns the following information:

**Table 103. ExpressTagAvailabilityReply Elements**

Element	Description
AccessTime	This is the minimum time window that must be allocated for the FedEx courier to make the pickup. The difference between the Business Close Time (or the local “cutoff time” if it is earlier than the Business Close Time) and the Package Ready Time must be equal to, or exceed, the access time. <i>Note: Access time requirements vary by postal code.</i>
ReadyTime	The latest time a FedEx courier can pick up the FedEx ExpressTag® package. <i>Note: Ready times vary by postal code.</i>

Availability	Indicates the FedEx ExpressTag service availability at the shipper postal code indicated in the Request. Valid responses are: <ul style="list-style-type: none"> <li>• NEXT_DAY_AVAILABLE</li> <li>• SAME_DAY_AND_NEXT_DAY_AVAILABLE</li> </ul>
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## 12.3 FedEx Print Return Label

FedEx Print Return Label is ideal for retail products, legal documents, pharmaceuticals, and warranty/repair services.

Use the ProcessShipmentRequest transaction to print a return label and include it in the original shipment to your customer, or send it separately. To use the print return label, your customer simply prepares their package for shipping and applies the return label. Then they may tender the FedEx Express® U.S. or international package, FedEx Ground® package or FedEx International Ground® package to FedEx by scheduling a pickup, using a regular scheduled pickup, or visiting a FedEx dropoff location. Alternatively, FedEx SmartPost® returns (for daily average volume of over 100) may be tendered to any USPS access point, including the shipper's mailbox.

In addition, a Returns Material Authorization (RMA) reference number can be included in your ship transaction. The RMA number prints on the label and your FedEx invoice and can be used to track the return package. FedEx Express, FedEx Ground, and FedEx SmartPost return labels are interchangeable, regardless of the original shipping service. For example, you can send the original shipment using a FedEx Express service, but include a FedEx Ground return label as part of your packing documents.

### 12.3.1 FedEx Print Return Label Service Details

The following service details apply to FedEx Express and FedEx Ground return labels:

- In the U.S., printed return labels are available for FedEx First Overnight®, FedEx Priority Overnight®, FedEx Standard Overnight®, FedEx 2Day®, FedEx 2Day® A.M., FedEx Ground®, FedEx Home Delivery®, FedEx 2Day® Freight, and FedEx 3Day® Freight throughout the 50 United States.
- FedEx Express Saver® and FedEx 1Day® Freight services are not available.
- For international destinations, printed return labels are available for FedEx International First®, FedEx International Priority®, FedEx International Economy®, FedEx International Priority® Freight, FedEx International Economy® Freight and FedEx International Ground®.
- Additional service options include Saturday Service, Dry Ice Shipments, and Hold at FedEx Location.
- Dangerous Goods and Hazardous Materials cannot be shipped.
- The maximum declared value is
  - \$1,000USD for FedEx First Overnight, FedEx Priority Overnight, FedEx Standard Overnight, and FedEx 2Day.
  - \$50,000USD for FedEx 2Day Freight and FedEx 3Day Freight.
  - \$100USD for FedEx Ground and FedEx Home Delivery.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 12.3.2 FedEx Express/FedEx Ground Return Label Coding Details

The following coding details apply to FedEx Express and FedEx Ground return labels:

- The system automatically generates customized instructions for the return shipper, which can be included with the shipment labels and/or generated separately.
- You can identify the specific reason for the return of the shipment using the CustomsOptionDetail/CustomsOptionsType element.

- Customs clearance documents must be generated by country to ensure shipments are captured and processed correctly.
- Printed return labels do not expire and are valid for transportation use anytime. However, if the label is more than 255 days old, then the customer will not be able to track the shipment, even though the label is still usable.
- Returns shipments are billed upon the delivery scan.
- Returns packages are available in FedEx InSight® after the possession scan is received by FedEx systems.
- Returns shipments can be deleted using DeleteShipment until a Close is performed, either by using the Close Service for FedEx Ground or the end-of-day Close performed at FedEx for FedEx Express shipments. After the shipping day is closed, returns shipments cannot be canceled.
- All label formats supported by FedEx Web Services (laser and thermal) are available for Returns shipping labels.
- You can associate Express outbound and return shipments together using the SpecialServicesRequested/ReturnShipmentDetail/ReturnAssociation/TrackingNumber element. This allows you to track both shipments at the same time using the Returns Merchant Authorization number (RMA) or tracking number. For Ground you can only associate outbound and return shipments together by using the CustomerReferenceType of RMA\_ASSOCIATION.
- You can also specify a return and outbound shipping email label. See *Email Label* section of *Ship Service* for more information.

You can override the shipper address information for a returns shipment by using the Alternate Return Address feature. See *Alternate Return Address* section of *Ship Service* for more information.

- You can direct the signed return receipt to a different address.
- Rate quotes are included in the reply for a returns shipment.
- Return shipments must be processed as a single piece shipment. Multiple piece shipments are not supported.

### 12.3.2.1 Print Return Label Elements

Ensure you are including the return documentation and labels inside the package for your customer. Only the outbound documentation and labels go inside the pouch on the outside of the box.

Include the following elements in your ProcessShipmentRequest to receive a return label in your Ship reply:

**Table 104. Print Return Label Elements**

Element	Required	Description
RequestedShipment /ShipmentSpecialServicesRequested/ SpecialServiceTypes	Optional	The types of all special services requested for the enclosing shipment (or other shipment-level transaction). Valid values include:  RETURNS_CLEARANCE RETURN_SHIPMENT
RequestedShipment/ ShipmentSpecialServicesRequested/ DeliveryOnInvoiceAcceptanceDetail	Optional	Allows customers to direct the signed return receipt to a different address.
RequestedShipment/ ShipmentSpecialServicesRequested/ ReturnShipmentDetail/ReturnType	Required	The type of return shipment being requested. The valid value is PRINT_RETURN_LABEL. With this option you can print a return label to insert into the box of an outbound shipment. This option cannot be used to print an outbound label.

RequestedShipment/ ShipmentSpecialServicesRequested/ ReturnShipmentDetail/Rma	Optional	Return Merchant Authorization (RMA) If included, this element has one optional field: Reason: If the RMA element is included in the Ship request, the return Reason description may be entered. This element allows you to enter up to 60 alpha-numeric characters.
RequestedShipment/ ShipmentSpecialServicesRequested/ ReturnShipmentDetail/ReturnEmailDetail	Optional	Describes specific information about the email label shipment. You can also specify a return and outbound email label. For more information, see <i>Email Labels</i> section of <i>Open Shipping</i> .
RequestedShipment/ ShipmentSpecialServicesRequested/ ReturnShipmentDetail/ReturnAssociation	Optional	Specifies the data for the outbound shipment associated with the return.
RequestedShipment/ ShippingDocumentSpecification /ReturnInstructionsDetail	Optional	Specifies the production of the return instructions document.
RequestedShipment /ShippingDocumentSpecification/ ReturnInstructionsDetail/Format	Optional	Specifies the format of the Return Instructions shipping document.
RequestedShipment/ ShippingDocumentSpecification/ ReturnInstructionsDetail/CustomText	Optional	Specifies the additional customer provided text to be inserted into the return document.

## 12.4 Alternate Return Address

FedEx Web Services offer an alternate return address option that allows you to override your shipper address and print a different address on the shipping label. For example, if you send a package that is undeliverable, you may use this option to display your returns processing facility address so that FedEx will return the package to that address instead of your shipping facility address.

### 12.4.1 Alternate Return Address Coding Details

The elements required to override your shipper address are provided in the ShipService WSDL. This table contains alternate return address request elements:

**Table 105. Alternate Return Request Elements**

Element	Required	Description
LabelSpecification/PrintedLabelOrigin/Contact	Optional	If present, this contact information will replace the return address information on the label. The descriptive data for a point-of-contact person.
LabelSpecification/PrintedLabelOrigin/Address	Optional	If present, this address information will replace the return address information on the label. The descriptive data for a physical location.

## 12.5 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.



## 13. Creating a Label

FedEx Web Services supports a variety of label options, including thermal, plain paper, and customizable labels. With FedEx Web Services, you can use the Ship Service to produce a wide variety of labels. In this section, you will find instructions for generating the labels you need to support your shipping application.

FedEx offers 2 label formats to support shipping services:

- Thermal Labels
- Laser Labels

### 13.1 Thermal Labels

FedEx Web Services allows you to print shipping labels for all shipping types, such as FedEx Express®, FedEx Ground®, and FedEx International Ground® using a variety of thermal label printers. The following thermal label sizes are supported by FedEx Web Services:

- 4" x 6" – without a configurable document tab (Doc-Tab)
- 4" x 6.75" – includes a Doc-Tab
- 4" x 8" – provides space to include a graphic or text file of your choice
- 4" x 9" – provides space for graphics or text as well as a Doc-Tab

If you print shipping labels using a thermal printer, you may choose label stock that includes a Doc-Tab, a removable sticky tab with additional shipping information. You can configure this shipping information from your shipping data or choose to print configurable data that is specific to your shipping needs.

#### 13.1.1 Thermal Label Elements

Thermal shipping labels contain three basic elements:

1. Human-readable content: this part of the label contains the shipping information from the FedEx Web Services Ship Service.
2. Two dimensional (2D) barcode: the dimensional alphanumeric barcode stores data for both FedEx Express and FedEx Ground shipments using the American National Standards Institute (ANSI) MH10.8.3 standard. The 2D barcode is created using the Portable Document Format (PDF) 417 symbology.
3. FedEx specific barcode:
  - a. ASTRA (Advanced Sorting Tracking Routing Assistance) for FedEx Express shipments until the FDX 1D barcode has been fully phased in; barcode "96" for FedEx Ground and FedEx Home Delivery® shipments. FedEx Ground also allows for the use of the SSCC-18 "00" barcode.
  - b. FedEx 1D (FDX1D) barcode for FedEx Express shipments is created using ANSI/AIM BC4-1995 (Uniform Symbology Specification Code-128)

All labels required for a shipment are generated and returned in a single buffer. For example, if a label request is made on a C.O.D. shipment, the label server returns the shipping label and a copy of the C.O.D. Return label. The label server always returns the appropriate quantity of labels for each type of shipment, so the client does not need to make multiple label calls to FedEx.

The following FedEx Web Services elements are required to generate a thermal label:

Table 106. Thermal Label Elements

Web Services Element	Description/Valid Values
----------------------	--------------------------

LabelSpecification/LabelFormatType	<p>Required to receive the correct label image in the Ship Reply service:</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>COMMON2D: The label format type to receive a label.</li> <li>FEDEX_FREIGHT_STRAIGHT_BILL_OF_LADING</li> <li>LABEL_DATA_ONLY: The value used to receive the barcode data if you create a custom label.</li> <li>VICS_BILL_OF_LADING</li> </ul>
LabelSpecification/ImageType	<p>Required to format the thermal label for the printer you use; provides the type of data stream or bitmap to be returned.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>DPL – Unimark</li> <li>EPL2 – Eltron</li> <li>ZPLII – Zebra</li> </ul> <p><i>Note: These printers are all compatible with the ASCII Eltron Programming Language (EPL2) page mode.</i></p>
LabelSpecification/LabelStockType	<p>Required only for thermal labels. Specifies whether label stock has Doc-Tab on leading or trailing end of labels or has no Doc-Tab.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>STOCK_4X6</li> <li>STOCK_4X6.75.LEADING_DOC_TAB</li> <li>STOCK_4X6.75.TRAILING_DOC_TAB</li> <li>STOCK_4X8</li> <li>STOCK_4X9.LEADING_DOC_TAB</li> <li>STOCK_4X9.TRAILING_DOC_TAB</li> </ul>
CustomerSpecifiedLabelDetail/CustomContent	Defines any custom content to print on the label.
CustomContent/CoordinateUnits	Valid values for CustomLabelCoordinateUnits: MILS PIXELS
CustomContent/TextEntries	Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).
CustomContent/GraphicEntries	Image to be included from printer's memory, or from a local file for offline clients.
GraphicEntries/Position	X and Y position of the graphic.
GraphicEntries/PrinterGraphicId	Printer-specific index of graphic image to be printed.
GraphicEntries/FileGraphicFullName	Fully-qualified path and file name for graphic image to be printed.
CustomContent/BoxEntries	Solid (filled) rectangular area on label.

BoxEntries/TopLeftCorner	The custom label position of the top, left corner.
BoxEntries/BottomRightCorner	The custom label position of the bottom, right corner.
CustomContent/BarcodeEntries	Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.
CustomerSpecifiedLabelDetail/ SecondaryBarcode/SecondaryBarcodeType	<p>Requests customer-specific barcode on FedEx Ground and FedEx Home Delivery labels.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• NONE</li> <li>• COMMON_2D</li> <li>• SSCC_18</li> <li>• USPS</li> </ul> <p><i>Note: USPS is applicable for FedEx SmartPost shipments.</i></p>

### 13.1.1.1 Sending a Thermal Label to a Local Printer or Network Printer

If you use FedEx Web Services (SOAP request) or non-SOAP requests, the returned label buffer is Base64 encoded. Therefore, before you send the commands to the printer, you must Base64 decode the buffer. You can perform Base64 encoding and decoding using built-in functions of many XML parsers or Microsoft XML Core Services (MSXML). Once decoded, the thermal label buffer contains a list of printer commands to print the label for the type of printer you select in your Ship request. To print the thermal label, send that list of commands to the configured printer port for your thermal printer. Be sure to include the CR/LF characters as you send the commands to the printer.

*Note: Labels may be reprinted by sending the original thermal label buffer to the printer. However, labels should be reprinted only if the original label is damaged or lost before the package is picked up, or as a copy for your records. Duplicate labels applied to packages will cause re-labeling and, in some cases, suspension of your shipping capabilities.*

### 13.1.2 Supported Thermal Printers

The following thermal printers are recommended with FedEx Web Services:

- Unimark
- Eltron
  - Orion (EPL2)
  - Eclipse (EPL2)
- Zebra
  - LP2443 (EPL2)
  - LP2844 (EPL2)
  - LP2348 Plus (EPL2)
  - Z4M Plus (ZPL or EPL)
  - ZP500 (ZPL or EPL)

These printers are all compatible with the ASCII Eltron Programming Language (EPL2) page mode. If your printer supports this programming language it may work as well. Check your printer user's guide for details. Thermal printers are supported both as a direct write to the printer connected to a system serial port, and as a native Windows installed printer for LPT, Serial, or USB connections.

### 13.1.3 Number of Thermal Labels Printed Per Service

The following table indicates the number of each type of label needed for a specific special service. All the necessary labels are generated by a call to the FedEx Common Label Server (CLS), and CLS returns a single

buffer with the exception of the C.O.D. Return labels.

### 13.1.3.1 U.S.

Table 107. Number of Thermal Labels Printed Per U.S. Service

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express U.S.	1 Shipping label
FedEx Express U.S. C.O.D.	1 Shipping label 1 C.O.D. (Collect On Delivery) Return label
FedEx Ground U.S. / FedEx Home Delivery	1 Shipping label
FedEx Ground U.S. C.O.D.	1 Shipping label 2 C.O.D. Return labels

### 13.1.3.2 U.S. Export International

Table 108. Number of Thermal Labels Printed Per U.S. Export Int'l Service

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express U.S. Export International	1 Shipping label 2 Recipient labels
FedEx Express U.S. Export International Broker Select Option	1 Shipping label 2 Recipient labels
FedEx Ground U.S. Export International	1 Shipping label
FedEx Ground U.S. Export International C.O.D.	1 Shipping label 2 C.O.D. Return labels

### 13.1.3.3 Intra-Canada

Table 109. Number of Thermal Labels Printed Per Intra-Canada Service

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express intra-Canada	Non-DG (Dangerous Goods)/Dry ice shipment: 1 Shipping label
FedEx Ground intra-Canada	1 Shipping label
FedEx Ground intra-Canada C.O.D.	1 Shipping label 2 C.O.D. Return labels

### 13.1.3.4 Canada Export International

Table 110. Number of Thermal Labels Printed Per Canada Export International Service

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
--------------	---

FedEx Express Canada Export International	Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Express Canada Export International Broker Select	Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Ground Canada (CA) Export International	1 Shipping label

## 13.2 Doc-Tab Configuration

The notation for specifying Doc-Tab value sources begins as a strict subset of standard XPath notation, with a small set of Doc-Tab-specific extensions (described below). A path is prefixed with a small set of “aliases” that identify the object to which the rest of the path applies. The following examples should give the overall “look and feel” of the notation:

**Table 111. Doc-Tab Configuration Elements**

Desired element	Doc-Tab path (string)
Shipper's company name	REQUEST/SHIPMENT/Shipper/Contact/CompanyName
Total number of packages	REQUEST/SHIPMENT/PackageCount
Current package's sequence number	REQUEST/PACKAGE/SequenceNumber
Current package's weight	REQUEST/PACKAGE/Weight/Value
Shipment total net charge	REPLY/SHIPMENT/RATES/ACTUAL/TotalNetCharge/Amount
Current package's dim weight	REPLY/PACKAGE/RATES/ACTUAL/DimWeight/Value
Contents of the first Customer Reference Field	REQUEST/PACKAGE/CustomerReferences[1]/Value Defines the first record of a possible multi-occurrence array
Total Net Charge using List rates <i>Note: RateRequestTypes value must be "LIST" in the request so that List rates are included in the reply.</i>	REPLY/SHIPMENT/RATES/PAYOR_LIST_PACKAGE/TotalNetCharge/Amount

Every “segment” (portion between “/” separators) in these samples is the actual name of an element from the WSDL, except for the starting segments, which specify where to begin navigating to the desired data. The client developer would know what names are available from the WSDL. The notation is case-sensitive and the client should use the same names as in the WSDL.

### 13.2.1 Doc-Tab Coding Details

All data from the customer's description of the shipment (RequestedShipment) and the data returned to the customer (CompletedShipmentDetail) is eligible for use in the Doc-Tab. The complete structure of those objects

is necessarily complex, due to the tremendous range of service features that may occur within a FedEx shipment. The first segments of a Doc-Tab path come from a set of alias/shortcut values that allow the customer to indicate whether the requested value is to come from one of the following:

- Client or transaction detail
- Request or reply data
- Shipment- or Package-level data
- Rate data, and if so, which rate type

*Note: You must include the LabelPrintingOrientation element within the CustomDocumentDetail, or doc-tabs will not print.*

The prefix (leading segments) of the path specifies the above choices in that order, as shown in the following tables:

**Table 112. Doc-Tab Prefix (Non-Rate Data)**

Prefix (Non-Rate Data)	Remainder of path selects data from...
ClientDetail/...	The effective copy of the ClientDetail
TransactionDetail/...	The effective copy of the TransactionDetail
RequestedShipment/...	The effective copy of the RequestedShipment
RequestedPackageLineItem/...	The effective copy of the current RequestedPackage
CompletedShipmentDetail/...	The CompletedShipmentDetail
CompletedPackageDetail/...	The CompletedPackageDetail

**Table 113. Doc-Tab Prefix (Rate Data)**

Prefix (Rate Data)	Remainder of path selects data from...
RateReply/RateReplyDetail/ RatedShipmentDetail/ShipmentRateDetail/...	Shipment-level rate data (totals for actual rate applied)
RateReply/RateReplyDetail/ RatedShipmentDetail/ ShipmentRateDetail/ ReturnedRateType/...	Shipment-level rate data (totals for specific returned rate type) ok
RateReply/RateReplyDetail/ RatedShipmentDetail/RatedPackageDetail/ PackageRateDetail/...	Package-level rate data (details for actual rate applied)
RateReply/RateReplyDetail/ RatedShipmentDetail/RatedPackageDetail/ PackageRateDetail/ReturnedRateType/...	Package-level rate data (details for specified returned rate type) ok

### 13.2.1.1 Example Doc-Tab Coding

```
<q0:LabelSpecification>
  <q0:LabelFormatType>COMMON2D</q0:LabelFormatType>
  <q0:ImageType>EPL2</q0:ImageType>
  <q0:LabelStockType>STOCK_4X6.75_LEADING_DOC_TAB</q0:LabelStockType>
```

```

<q0:LabelPrintingOrientation>TOP_EDGE_OF_TEXT_FIRST</q0:LabelPrintingOrientation>
<q0:CustomerSpecifiedDetail>
  <q0:DocTabContent>
    <q0:DocTabContentType>ZONE001</q0:DocTabContentType>
    <q0:Zone001>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>1</q0:ZoneNumber>
        <q0:Header>REF</q0:Header>
        <q0:DataField>REQUEST/PACKAGE/CustomerReferences [CustomerReferenceType="CU
STOMER_REFERENCE"]/value</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>2</q0:ZoneNumber>
        <q0:Header>INV</q0:Header>
        <q0:DataField>REQUEST/PACKAGE/CustomerReferences [CustomerReferenceType="IN
VOICE_NUMBER"]/value</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>3</q0:ZoneNumber>
        <q0:Header>PON</q0:Header>
        <q0:DataField>REQUEST/PACKAGE/CustomerReferences [CustomerReferenceType="P_
O_NUMBER"]/value</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>4</q0:ZoneNumber>
        <q0:Header>SHP</q0:Header>
        <q0:DataField>REQUEST/SHIPMENT/ShipTimestamp</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>5</q0:ZoneNumber>
        <q0:Header>WHT</q0:Header>
        <q0:DataField>REQUEST/PACKAGE/weight/Value</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>6</q0:ZoneNumber>
        <q0:Header>INS</q0:Header>
        <q0:DataField>REQUEST/PACKAGE/InsuredValue/Amount</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>7</q0:ZoneNumber>
        <q0:Header>COD</q0:Header>
        <q0:DataField>REQUEST/SHIPMENT/SpecialServicesRequested/CodDetail/CodColle
ctionAmount/Amount</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>8</q0:ZoneNumber>
        <q0:Header>DLV</q0:Header>
        <q0:DataField>REPLY/SHIPMENT/OperationalDetail/DeliveryDate</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>
      <q0:DocTabZoneSpecifications>
        <q0:ZoneNumber>9</q0:ZoneNumber>
        <q0:Header>BASE</q0:Header>
        <q0:DataField>REPLY/PACKAGE/RATE/ACTUAL/BaseCharge/Amount</q0:DataField>
          <q0:Justification>LEFT</q0:Justification>
        </q0:DocTabZoneSpecifications>

```

```

<q0:DocTabZoneSpecifications>
  <q0:ZoneNumber>10</q0:ZoneNumber>
  <q0:Header>DISC</q0:Header>
  <q0:DataField>REPLY/PACKAGE/RATE/ACTUAL/TotalFreightDiscounts/Amount</q0:DataField>

  <q0:Justification>LEFT</q0:Justification>
</q0:DocTabZoneSpecifications>
<q0:DocTabZoneSpecifications>
  <q0:ZoneNumber>11</q0:ZoneNumber>
  <q0:Header>SURCHG</q0:Header>
  <q0:DataField>REPLY/PACKAGE/RATE/ACTUAL/TotalSurcharges/Amount</q0:DataField>

  <q0:Justification>LEFT</q0:Justification>
</q0:DocTabZoneSpecifications>
<q0:DocTabZoneSpecifications>
  <q0:ZoneNumber>12</q0:ZoneNumber>
  <q0:Header>NETCHG</q0:Header>
  <q0:DataField>REPLY/PACKAGE/RATE/ACTUAL/NetCharge/Amount</q0:DataField>
  <q0:Justification>LEFT</q0:Justification>
</q0:DocTabZoneSpecifications>
</q0:Zone001>
</q0:DocTabContent>
<q0:MaskedData>SHIPPER_ACCOUNT_NUMBER</q0:MaskedData>
</q0:CustomerSpecifiedDetail>
</q0:LabelSpecification>

```

### 13.2.2 Doc-Tab Specification

The RequestedShipment contains a LabelSpecification that describes each zone on the Doc-Tab portion of the label by a DocTabZoneSpecification, located as follows:

RequestedShipment

```

...
LabelSpecification (LabelSpecification)
CustomerSpecifiedLabelDetail (CustomerSpecifiedLabelDetail)
  DocTabContent (DocTabContent)
  DocTabContentType (DocTabContentType)
    Zone001 (DocTabContentZone001)
      DocTabZoneSpecifications[] (DocTabZoneSpecification)
  ZoneNumber (positiveInteger)
  Header (string)
    DataReference (string)
    LiteralValue (string)
    Justification (DocTabZoneJustificationType:string)

```

After identifying the zone number, the specification can indicate:

- An optional header
- Either a data reference (path to a request/reply element) or a literal value (actual data to be printed)
- An optional justification

If both a data reference and literal value are passed, literal value takes precedence over data reference.

The data reference specifies a path to the element desired, based on a specific starting point:

- Client detail data (ClientDetail)
- Transaction detail data (TransactionDetail)
- Request data for the entire shipment (RequestedShipment)
- Request data for the current package (RequestedPackage)
- Reply data for the entire shipment (CompletedShipment)
- Reply data for the current package (CompletedPackage)

The path is made up of selectors, each of which specifies a step “into” the structure of the starting-point object.

For single-valued (non-array) elements, the name of the element is the selector. All examples on the previous page used single-valued elements.

Array elements are qualified by a predicate that indicates which element of the array should be used, either by position or by content. Examples of this usage would be:

Shipper's first street address line:

REQUEST/SHIPMENT/Shipper/Address/StreetLines[1]

Third-party number of shipment uploaded to FedEx InSight® system:

REQUEST/SHIPMENT/ShipmentContentRecords[3]/PartNumber

Shipment fuel surcharge:

REPLY/PACKAGE/RATES/PAYOR\_ACCOUNT/Surcharges[SurchargeType="FUEL"]/Amount

There are few cases where array elements would be needed; the most likely scenario involves data (such as surcharges and taxes).

Example – ZoneNumber 1-8 specify data elements (using the XPath notation) and Zone 9 specifies a literal value.

```
<LabelSpecification>
<LabelFormatType>COMMON2D</LabelFormatType>
<ImageType>EPL2</ImageType>
<LabelStockType>STOCK_4X6.75.LEADING_DOC_TAB</LabelStockType>
<LabelPrintingOrientation>TOP_EDGE_OF_TEXT_FIRST
</LabelPrintingOrientation>
<CustomerSpecifiedDetail>
<DocTabContent>
    <DocTabContentType>ZONE001</DocTabContentType>
    <Zone001>
        <DocTabZoneSpecifications>
            <ZoneNumber>1</ZoneNumber>
            <Header>Street</Header>
            <DataField>REQUEST/SHIPMENT/Shipper/Address/StreetLines[1]
            </DataField>
        </DocTabZoneSpecifications>
        <DocTabZoneSpecifications>
            <ZoneNumber>2</ZoneNumber>
            <Header>Meter</Header>
            <DataField>CLIENT/MeterNumber</DataField>
        </DocTabZoneSpecifications>
        <DocTabZoneSpecifications>
            <ZoneNumber>3</ZoneNumber>
            <Header>TransId</Header>
            <DataField>TRANSACTION/CustomerTransactionId</DataField>
        </DocTabZoneSpecifications>
        <DocTabZoneSpecifications>
            <ZoneNumber>4</ZoneNumber>
            <Header>TotalSur</Header>
            <DataField>REPLY/SHIPMENT/RATES/PAYOR_ACCOUNT/TotalSurcharges/
                Amount</DataField>
        </DocTabZoneSpecifications>
        <DocTabZoneSpecifications>
            <ZoneNumber>5</ZoneNumber>
            <Header>TotalWt</Header>
            <DataField>REQUEST/SHIPMENT/TotalWeight/Value</DataField>
        </DocTabZoneSpecifications>
        <DocTabZoneSpecifications>
            <ZoneNumber>6</ZoneNumber>
            <Header>Date</Header><DataField>REQUEST/SHIPMENT/ShipTimestamp
            </DataField>
        </DocTabZoneSpecifications>
        <DocTabZoneSpecifications>
            <ZoneNumber>7</ZoneNumber>
            <Header>Contact</Header>
```

```

<DataField>REQUEST/SHIPMENT/Recipient/Contact/PersonName
</DataField>
</DocTabZoneSpecifications>
<DocTabZoneSpecifications>
<ZoneNumber>8</ZoneNumber>
<Header>Insured</Header>
<DataField>REQUEST/PACKAGE/InsuredValue/Amount</DataField>
</DocTabZoneSpecifications>
<DocTabZoneSpecifications>
<ZoneNumber>9</ZoneNumber>
<Header>Literal 1</Header>
<LiteralValue>mytext</LiteralValue>
</DocTabZoneSpecifications>
</Zone001>
</DocTabContent>
</CustomerSpecifiedDetail>
</LabelSpecification>

```

## 13.3 Laser Labels

FedEx Web Services supports label printing with a laser printer. Labels that are printed with a laser printer are generated in PDF format and do not need to be scaled or resized. These labels are usually printed on U.S. Letter or A4 paper and folded in half to fit in the standard FedEx label pouch. The following requirements apply to PDF labels:

- Adobe Reader 6.0 or higher is required to process the label.
- Printer driver configuration must have printer scaling set to none.
- Using an HTML wrapper is not necessary for displaying a plain paper PDF label in a browser.
- Acrobat recommends the following browsers for viewing PDF documents:
  - Microsoft Internet Explorer 10 or higher
  - Firefox 1.0 or higher
  - Mozilla 1.7 or higher

The PDF label option eliminates the need to specify the image orientation parameter (width and height) or the screen resolution to display the label properly in the browser.

### 13.3.1 Laser Label Elements

Laser shipping labels contain three basic elements:

1. Human-readable content – This part of the label contains the shipping information from FedEx Web Services Ship Services.
2. Two dimensional (2D) barcode – The dimensional alphanumeric barcode stores data for both FedEx Express and FedEx Ground shipments using American National Standards Institute (ANSI) MH10.8.3 standard. The 2D barcode is created using the Portable Document Format (PDF) 417 format.
3. FedEx specific barcode:
  - a. ASTRA (Advanced Sorting Tracking Routing Assistance) for FedEx Express shipments until the FDX 1D barcode has been fully phased in; barcode "96" for FedEx Ground and FedEx Home Delivery shipments. FedEx Ground also allows for the use of the SSCC-18 "00" barcode when applicable.
  - b. FedEx 1D (FDX1D) barcode for FedEx Express shipments is created using ANSI/AIM BC4-1995 (Uniform Symbology Specification CODE-128).

### 13.3.2 Generating a Laser Label

The following FedEx Web Services elements are required to generate a laser label:

**Table 114. Web Services Elements**

Web Services Element	Description/Valid Values
LabelSpecification/LabelFormatType	Required to receive the correct label image in the Ship Reply service: Valid values are: <ul style="list-style-type: none"><li>• COMMON2D – label format type to receive a label.</li><li>• FEDEX_FREIGHT_STRAIGHT_BILL_OF_LADING – creates a FedEx Freight (LTL) Bill of Lading, which is formatted for an 8.5x11" sheet of plain paper.</li><li>• LABEL_DATA_ONLY – this value is used to receive the barcode data if you create a custom label.</li><li>• VICS_BILL_OF_LADING – Creates a FedEx Freight (LTL) VICS Bill of Lading, which is formatted for an 8.5x11" sheet of plain paper.</li></ul>
LabelSpecification/ImageType	Required to indicate label formatting. Type of data stream or bitmap to be returned: Valid values are: <ul style="list-style-type: none"><li>• PDF – plain paper</li><li>• PNG – plain paper</li></ul>
LabelSpecification/LabelStockType	Required for all label types. Specifies whether label stock has Doc-Tab on leading or trailing end of labels or has no Doc-Tab. When using an ImageType of PDF or PNG, these values display a thermal format label: <ul style="list-style-type: none"><li>• PAPER_4X6</li><li>• PAPER_4X8</li><li>• PAPER_4X9</li></ul> these values display a plain paper format shipping label: <ul style="list-style-type: none"><li>• PAPER_7X4.75</li><li>• PAPER_8.5X11_BOTTOM_HALF_LABEL</li><li>• PAPER_8.5X11_TOP_HALF_LABEL</li></ul>

*Note: If you request a plain paper label, the data returned is a Base64 encoded label image, which must be Base64 decoded prior to displaying the label file.*

### 13.3.3 Supported Laser Printers

Most laser printers are supported for this label type; however, labels will not be accepted if they are printed on an ink jet printer. If you are using a color laser printer, the color definition should be set to black, even if the printer only has a black cartridge installed. This setting is necessary to achieve the correct barcode definition for scanning at the FedEx hubs.

### 13.3.4 Printing a Laser Label

FedEx returns one laser label per shipping request, with the exception of C.O.D. labels. If you need to print multiple labels (for example, international shipments need additional copies of shipping labels to accompany the customs clearance documentation), you must request additional copies.

To prepare your package for shipment, you must:

1. Use the Print button on your browser to print the page containing your label.

2. The shipping portion of the laser label prints on the top half of an U.S. Letter or A4 page.
3. If you use FedEx approved label stock that accommodates the half page label as a peel and stick, affix this portion of the label to the package. The bottom portion of the label provides terms and conditions and a recap of your tracking number. This portion of the label should be kept for your records.
4. If you use plain paper instead of label stock, fold the page in half and place it in a waybill pouch.

Attach the pouch to your package so that the barcode portion of the label can be read and scanned.

*Note: Labels may be reprinted by sending the original PDF to the printer. However, labels should be reprinted only if the original label is damaged or lost before the package is picked up or as a copy for your records. Duplicate labels applied to packages will cause re-labeling and, in some cases, suspension of your shipping capabilities.*

*Note: For all Mexico to Mexico shipments, if no language is specified, the Legal Terms and Conditions will be provided in Spanish.*

#### 13.3.4.1 Account Masking on Shipping Label

The purpose of the Account Masking on Shipping Label feature is to prevent the exposure of the FedEx account numbers to the final recipient of the shipment:

- Prevent account numbers from printing on International and non-US Domestic Express plain paper shipping labels.
- The account numbers continue to print on FedEx plain paper Air Waybill copies used by operations and customs clearance.

By adopting the Thermal Label Layout on plain paper labels, the above requirements are satisfied while moving FedEx towards harmonizing the label images, regardless of the requested format (thermal, pdf, png, and dib).

Shipping clients will now receive 2 new label images from Common Label Service (CLS), and will print appropriate numbers of copies as defined by current business rules for the origin and destination countries and shipment type (doc, non-doc, ITAR, etc).

#### 13.3.5 Number of Laser Labels Required Per Service

The following table indicates the number of each type of label needed for a specific special service. All the necessary labels are generated by a call to the FedEx Common Label Server (CLS), and CLS returns a single buffer with the exception of the C.O.D. Return labels.

##### 13.3.5.1 U.S.

Table 115. Number of Thermal Labels Printed Per U.S. Service

Service Type	Laser Label - PDF Format
FedEx Express U.S. C.O.D.	1 Shipping label 1 C.O.D. (Collect On Delivery) Return label
FedEx Ground / FedEx Home Delivery U.S.	1 Shipping label
FedEx Ground U.S. C.O.D.	1 Shipping label 2 C.O.D. Return labels

##### 13.3.5.2 U.S. Export International

Table 116. Number of Thermal Labels Printed Per U.S. Export International Service

Service Type	Laser Label - PDF Format
--------------	--------------------------

FedEx Express U.S. Export International	1 Shipping label in the reply; a minimum of 3 labels must be printed – 1 label on the package and 2 in the document pouch.
FedEx Express U.S. Export International Broker Select	1 Shipping label in the reply; a minimum of 3 labels must be printed – 1 label on the package and 2 in the document pouch.
FedEx Ground U.S. Export International	1 Shipping label
FedEx Ground U.S. Export International C.O.D.	1 Shipping label 2 C.O.D. Return labels

### 13.3.5.3 Intra-Mexico

Table 117. Number of Thermal Labels Printed Per Intra-Mexico Service

Service Type	Laser Label - PDF Format
FedEx Express Intra-Mexico	FedEx Express Intra-Mexico Non-DG (Dangerous Goods)/Dry ice shipment: 1 Shipping label

### 13.3.5.4 Intra-Canada

Table 118. Number of Thermal Labels Printed Per Intra-Canada Service

Service Type	Laser Label - PDF Format
FedEx Express Intra-Canada	FedEx Express Intra-Canada Non-DG (Dangerous Goods)/Dry ice shipment: 1 Shipping label
FedEx Ground Intra-Canada	1 Shipping label
FedEx Ground Intra-Canada C.O.D.	1 Shipping label 2 C.O.D. Return labels

### 13.3.5.5 Canada Export International

Table 119. Number of Thermal Labels Printed Per Canada Export Int'l Service

Service Type	Laser Label - PDF Format
FedEx Express Canada Export International	FedEx Express Canada Export International Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Express Canada Export International Broker Select	FedEx Express Canada Export International Broker Select Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Ground Canada (CA) Export International	1 Shipping Label

## 13.4 Custom Labels

FedEx allows some customizing of the FedEx-generated label. The label's human readable content and barcode in the common portion of the label cannot be altered. However, you may add text pertaining to your business and choose the type of barcode (symbology) used on FedEx documents and labels in the custom portion of thermal labels. To support your shipping application, FedEx Web Services provide two options for customizing your shipping label:

1. Place the PNG PAPER 7" x4.75" graphic on your label stock. For example, you may create a packing list on an 8-1/2" x 11" form. As part of this form, you may also place the 7" x 4.75" PNG PAPER graphic instead of creating a custom label on your own.
2. Add a graphic or text file to the 4" x 8" or 4" x 9" thermal label. This label size provides 2 inches of space for your graphic or text.

### 13.4.1 Custom Validator Label

You can create non-shipping custom labels at both package-level and shipment-level by specifying what custom information is desired, how to format that information, and where to place it on the custom label. Custom labels are limited to the thermal label format.

For a complete list of elements used in custom validator label, see the elements under `CustomDocumentDetail` in [Table 94. Requested Shipment Elements](#).



### 13.4.2 Using a Customizable Section of a Thermal Label

FedEx Web Services provides two thermal label formats that you can customize with either a graphic or text file to prevent the need for creating a custom label. These labels support all FedEx shipping services. These formats are:

- 4" x 8" thermal label without Doc-Tab
- 4" x 9" thermal label with Doc-Tab

These label types provide a 2 inch customizable section. This feature is only applicable to the thermal label printed on a thermal printer set to 203 DPI.

The rules for using these label formats are:

- Only the shipping label can be customized. For example, if you print a 4" x 8" Express shipping label with your logo, the secondary recipient labels will not display it.
- The customizable graphic or text must not exceed 2 inches high and 4-1/2 inches wide.
- No correction is provided by FedEx. The graphic and/or text prints as it is submitted in the shipping service.
- If all the necessary data for printing the graphic and/or text is not provided (for example: X and Y coordinates), a valid shipping label is returned without the customized data. You must cancel the

shipment represented by this label if you attempt to recreate another label with the graphic and/or text.

- Regarding the placement on X and Y coordinates, insertion point coordinate datum is the intersection of the top and left edges of the 4.00" x 6.75" thermal label with bottom doc tab. For 4.00" x 6.75" thermal label with top doc tab, increment insertion point coordinate Y values by 164 dots. For 4.00" x 6.00" label without doc tab, increment insertion point coordinate Y values by 8 dots. Thermal label element attributes are based on 203 DPI (8 dots/mm) printer resolution.
- Character insertion point is the top left corner of the first character in the string, at the cap line.
- Printer restrictions require the position origin at the top left quadrant of the front. Therefore, it is possible for data to start in the customizable section of the label and write down into the FedEx portion of the label (actual thermal label data). If this occurs, your logo or text will be written over with the FedEx label information. You must correct this positioning to use the shipping label.
- The addition of Doc-Tab information to the 4" x 9" label must be configured using the same process as you would use for a standard 4" x 6" Doc-Tab thermal label.

#### 13.4.2.1 Custom Label TextEntries Elements

To Add Text to the 4x8 or4x9 Label, in the Ship Service WSDL, use the following elements.

Table 120. Custom Label Elements for Text

Web Services Element	Description/Valid Values
RequestedShipment/LabelSpecification	Description of shipping label to be returned in the reply.
RequestedShipment/LabelSpecification/Dispositions	Specifies how to create, organize, and return the document.
RequestedShipment/LabelSpecification/LabelFormatType	Specifies the type of label to be returned. The label format type should be set to COMMON2D.
RequestedShipment/LabelSpecification/ImageType	Specifies the image type of this shipping document.
RequestedShipment/LabelSpecification/LabelStockType	For thermal printer labels this indicates the size of the label and the location of the doc tab if present. Either STOCK_4X8 or STOCK_4X9_LEADING_DOC_TAB.
RequestedShipment/LabelSpecification/LabelPrintingOrientation	This indicates if the top or bottom of the label comes out of the printer first.
RequestedShipment/LabelSpecification/PrintedLabelOrigin	If present, this contact and address information will replace the return address information on the label.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail	Allows customer-specified control of label content.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/DocTabContent	If omitted, no doc tab will be produced, such as the default is former NONE type).
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContentPosition	RelativeVerticalPositionType
RequestedShipment/LabelSpecification	Defines any custom content to print on the label.

/CustomerSpecifiedDetail/CustomContent	
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ CoordinateUnits	<p>Valid values for CustomLabelCoordinateUnits.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• MILS</li> <li>• PIXELS</li> </ul>
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries	Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/Position	Contains the x/y coordinates for placement of the text.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/Position/X	<p>Horizontal position, relative to left edge of custom area.</p> <p>Only non-negative integers may be used.</p>
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/Position/Y	<p>Vertical position, relative to the top edge of the custom area.</p> <p>Only non-negative integers may be used.</p>
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/Format	<p>Contains the text to be printed on the label.</p> <p><i>Note: This is a format string used to format the printed text. It is not the actual text.</i></p>
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/DataFields	Contains the text to be printed on the label.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/ThermalFontID	<p>Printer-specific font name for use with thermal printer.</p> <p>Valid values are from 1 to 23.</p>
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/FontName	Generic font name for use with plain paper labels.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/FontSize	Generic font size for use with plain paper labels.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ TextEntries/Rotation	<p>Relative to normal orientation for the printer.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• LEFT</li> <li>• NONE</li> <li>• RIGHT</li> <li>• UPSIDE_DOWN</li> </ul>
RequestedShipment/LabelSpecification	Solid (filled) rectangular area on label.

/CustomerSpecifiedDetail/CustomContent/BoxEntries	
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries	Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries/Position	Contains the x/y coordinates for placement of the label.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries/Position/X	Horizontal position, relative to left edge of custom area. Only non-negative integers may be used.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries/Position/Y	Vertical position, relative to the top edge of the custom area.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries/Format	
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries/DataFields	
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries/BarHeight	
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries/ThinBarWidth	Width of thinnest bar/space element in the barcode.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/BarcodeEntries/BarcodeSymbology	<p>Identification of the type of barcode (symbology) used on FedEx documents and labels. Specify the BarcodeSymbologyType. Valid values are:</p> <ul style="list-style-type: none"> <li>• CODEBAR</li> <li>• CODE128</li> <li>• CODE128B</li> <li>• CODE128C</li> <li>• CODE128_WIDE BAR</li> <li>• CODE39</li> <li>• CODE93</li> <li>• 120F5</li> <li>• PDF417</li> <li>• POSTNET</li> <li>• QR_CODE</li> <li>• UCC128</li> </ul>

RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/ ConfigurableReferenceEntries	Defines additional data to print in the configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/MaskedData	Controls which data/sections will be suppressed.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/SecondaryBarcode	For customers producing their own Ground labels, this field specifies which secondary barcode will be printed on the label; so that the primary barcode produced by FedEx has the correct SCNC.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/ TermsAndConditionsLocalization	Identifies the representation of human-readable text.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/AdditionalLabels	Controls the number of additional copies of supplemental labels.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/AirWaybillSuppressionCount	This value reduces the default quantity of destination/consignee air waybill labels. A value of zero indicates no change to default. A minimum of one copy will always be produced.
RequestedShipment/ ShippingDocumentSpecification	Contains data used to create additional (non-label) shipping documents.
RequestedShipment/ShippingDocumentSpecification/ FreightAddressLabelDetail	Data required to produce the Freight handling-unit-level address labels. <i>Note: The number of UNIQUE labels, the N as in 1 of N, 2 of N, and so on, is determined by total handling units.</i>
RequestedShipment/ShippingDocumentSpecification/ FreightAddressLabelDetail/Format	Specifies characteristics of a shipping document to be produced.
RequestedShipment/ShippingDocumentSpecification/ FreightAddressLabelDetail/Copies	Indicates the number of copies to be produced for each unique label.
RequestedShipment/ShippingDocumentSpecification/ FreightAddressLabelDetail/StartingPosition	Specifies the quadrant of the page on which the label printing will start.
RequestedShipment/ShippingDocumentSpecification/ FreightAddressLabelDetail/DocTabContent	If omitted, no doc tab will be produced, such as default = former NONE type.
RequestedShipment/ShippingDocumentSpecification/ FreightAddressLabelDetail/CustomContentPosition	RelativeVerticalPositionType
RequestedShipment/ShippingDocumentSpecification/ FreightAddressLabelDetail/CustomContent	Defines any custom content to print on the Freight label.

### 13.4.2.1.1 Transaction Sample for Custom Text on a Label

*Note: There may be over 20 available fonts in thermal printer memory. The format value will print a hard-coded string in a barcode. If the developer wants to pull a value from out of the ship request, then use the "%s" Format Value, and use the DataFields element with an XPath statement pointing to the value field.*

*For example, if you included a Reference field in the Ship Request and you want that value in the barcode, then the DataFields value will be:*

*ShippingDocumentRequest/RequestedShipment/RequestedPackageLineItems[1]/CustomerReferences[1]/Value*

```
<q0:LabelSpecification>
  <q0:LabelFormatType>COMMON2D</q0:LabelFormatType>
  <q0:ImageType>ZPLII</q0:ImageType>
  <q0:LabelStockType>STOCK_4X8</q0:LabelStockType>
  <q0:LabelPrintingOrientation>BOTTOM_EDGE_OF_TEXT_FIRST</q0:LabelPrintingOrientation>

  <q0:CustomerSpecifiedDetail>
    <q0:CustomContent>
      <q0:CoordinateUnits>PIXELS</q0:CoordinateUnits>
      <q0:TextEntries>
        <q0:Position>
          <q0:X>50</q0:X>
          <q0:Y>200</q0:Y>
        </q0:Position>
        <q0:Format>Data for text</q0:Format>
        <q0:ThermalFontId>14</q0:ThermalFontId>
      </q0:TextEntries>
      <q0:BarcodeEntries>
        <q0:Position>
          <q0:X>50</q0:X>
          <q0:Y>50</q0:Y>
        </q0:Position>
        <q0:Format>%s</q0:Format>
        <q0:DataFields>ShippingDocumentRequest/RequestedShipment/
          RequestedPackageLineItems[1]/CustomerReferences[1]/Value</q0:DataFields>
        <q0:BarHeight>100</q0:BarHeight>
        <q0:ThinBarWidth>8</q0:ThinBarWidth>
        <q0:BarcodeSymbology>CODE128C</q0:BarcodeSymbology>
      </q0:BarcodeEntries>
    </q0:CustomContent>
    <q0:MaskedData>SHIPPER_ACCOUNT_NUMBER</q0:MaskedData>
  </q0:CustomerSpecifiedDetail>
</q0:LabelSpecification>
```

### 13.4.2.2 Custom Label GraphicEntries Elements

To add a graphic to the 4x8 or 4x9 thermal label in the Ship Service WSDL, use the following elements.

Only single bit color images should be added since labels will print in black and white.

The following elements are required only for Thermal labels:

**Table 121. Custom Label Elements for Graphics**

Web Services Element	Description/Valid Values
RequestedShipment/LabelSpecification/	Description of shipping label to be returned in the reply.
RequestedShipment/LabelSpecification/Dispositions	Specifies how to create, organize, and return the document.
RequestedShipment/LabelSpecification/	Specifies the type of label to be returned. The

LabelFormatType	label format type should be set to COMMON2D.
RequestedShipment/LabelSpecification/ImageType	Specifies the image type of this shipping document.
RequestedShipment/LabelSpecification/LabelStockType	For thermal printer labels this indicates the size of the label and the location of the doc tab if present. Either STOCK_4X8 or STOCK_4X9_LEADING_DOC_TAB.
RequestedShipment/LabelSpecification/LabelPrintingOrientation	This indicates if the top or bottom of the label comes out of the printer first.
RequestedShipment/LabelSpecification/PrintedLabelOrigin	If present, this contact and address information will replace the return address information on the label.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/	Allows customer-specified control of label content.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/DocTabContent	If omitted, no doc tab will be produced, such as the default is former NONE type).
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent	Defines any custom content to print on the label.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/CoordinateUnits	Valid values for CustomLabelCoordinateUnits. Valid values are: <ul style="list-style-type: none"><li>• MILS</li><li>• PIXELS</li></ul>
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/TextEntries	Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/GraphicEntries	Image to be included from printer's memory, or from a local file for offline clients.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/GraphicEntries/Position	Contains the x/y coordinates for placement of the graphic. x =
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/GraphicEntries/Position/X	Horizontal position, relative to left edge of custom area. Only non-negative integers may be used.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/CustomContent/GraphicEntries/Position/Y	Vertical position, relative to the top edge of the custom area. Only non-negative integers may be used.
RequestedShipment/LabelSpecification/	Printer-specific index of graphic image to be printed.

CustomerSpecifiedDetail/CustomContent/ GraphicEntries/PrinterGraphicID	
RequestedShipment/LabelSpecification/ /CustomerSpecifiedDetail/CustomContent/ GraphicEntries/FileGraphicFullName	Fully-qualified path and file name for graphic image to be printed.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BoxEntries	Solid (filled) rectangular area on label.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries	Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries/Position	Contains the x/y coordinates for placement of the label.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries/Position/X	Horizontal position, relative to left edge of custom area. Only non-negative integers may be used.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries/Position/Y	Vertical position, relative to the top edge of the custom area. Only non-negative integers may be used.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries/Format	The Actual value desired in the barcode.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries/DataFields	
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries/BarHeight	Numerical Field.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries/ThinBarWidth	Width of thinnest bar/space element in the barcode.
RequestedShipment/LabelSpecification/ CustomerSpecifiedDetail/CustomContent/ BarcodeEntries/BarcodeSymbology	Identification of the type of barcode (symbology) used on FedEx documents and labels. Specify the BarcodeSymbologyType. Valid values are: <ul style="list-style-type: none"> <li>• CODEBAR</li> <li>• CODE128</li> <li>• CODE128B</li> <li>• CODE128C</li> </ul>

	<ul style="list-style-type: none"> <li>• CODE128_WIDEBAR</li> <li>• CODE39</li> <li>• CODE93</li> <li>• 120F5</li> <li>• PDF417</li> <li>• POSTNET</li> <li>• QR_CODE</li> <li>• UCC128</li> </ul>
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/ConfigurableReferenceEntries	Defines additional data to print in the configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/MaskedData	Controls which data/sections will be suppressed.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/SecondaryBarcode	For customers producing their own Ground labels, this field specifies which secondary barcode will be printed on the label; so that the primary barcode produced by FedEx has the correct SCNC.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/TermsAndConditionsLocalization	Identifies the representation of human-readable text.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/AdditionalLabels	Controls the number of additional copies of supplemental labels.
RequestedShipment/LabelSpecification/CustomerSpecifiedDetail/AirWaybillSuppressionCount	This value reduces the default quantity of destination/consignee air waybill labels. A value of zero indicates no change to default. A minimum of one copy will always be produced.

### 13.4.2.3 Custom Label Barcode Transaction Sample

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v17="http://fedex.com/ws/ship/v17">
  <soapenv:Header/>
  <soapenv:Body>
    <v17:ProcessShipmentRequest>
      <v17:WebAuthenticationDetail>
        <v17:ParentCredential>
          <v17:Key>XXXXXXXXXXXX</v17:Key>
          <v17:Password></v17:Password>
        </v17:ParentCredential>
        <v17:UserCredential>
          <v17:Key>XXXXXXXXXXXX</v17:Key>
          <v17:Password></v17:Password>
        </v17:UserCredential>
      </v17:WebAuthenticationDetail>
      <v17:ClientDetail>
        <v17:AccountNumber>XXXXXXXXXXXX</v17:AccountNumber>
        <v17:MeterNumber>XXXXXXXX</v17:MeterNumber>
        <v17:MeterInstance>string</v17:MeterInstance>
        <v17:CompanyId>Syntel</v17:CompanyId>
        <v17:SoftwareId>WSGW</v17:SoftwareId>
        <v17:SoftwareRelease>3100</v17:SoftwareRelease>
      </v17:ClientDetail>
    </v17:ProcessShipmentRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

```

<v17:ClientProductId>WAPI123</v17:ClientProductId>
<v17:ClientProductVersion>SHIPENT</v17:ClientProductVersion>
<v17:MiddlewareProductId>B123</v17:MiddlewareProductId>
<v17:MiddlewareProductVersion>SHIPENT</v17:MiddlewareProductVersion>
<v17:IntegratorId>INT123</v17:IntegratorId>
<v17:Region>US</v17:Region>
<v17:AutoConfigurationType>ENTERPRISE</v17:AutoConfigurationType>
<v17:InitiativeManifest>
    <v17:Content>string</v17:Content>
</v17:InitiativeManifest>
<v17:Localization>
    <v17:LanguageCode>EN</v17:LanguageCode>
    <v17:LocaleCode>en</v17:LocaleCode>
</v17:Localization>
</v17:ClientDetail>
<v17:TransactionDetail>
    <v17:CustomerTransactionId>ProcessShip_Basic</v17:CustomerTransactionId>
</v17:TransactionDetail>
<v17:Version>
    <v17:ServiceId>ship</v17:ServiceId>
    <v17:Major>17</v17:Major>
    <v17:Intermediate>0</v17:Intermediate>
    <v17:Minor>0</v17:Minor>
</v17:Version>
<v17:RequestedShipment>
    <v17:ShipTimestamp>2014-11-18T15:46:24-06:00</v17:ShipTimestamp>
    <v17:DropoffType>REGULAR_PICKUP</v17:DropoffType>
    <v17:ServiceType>INTERNATIONAL_PRIORITY</v17:ServiceType>
    <v17:PackagingType>YOUR_PACKAGING</v17:PackagingType>
    <v17:Shipper>
        <v17:AccountNumber>XXXXXXXXXX</v17:AccountNumber>
        <v17>Contact>
            <v17:PersonName>JAN14 CL</v17:PersonName>
            <v17:CompanyName>SndrConnm</v17:CompanyName>
            <v17:PhoneNumber>9987878787</v17:PhoneNumber>
            <v17:EMailAddress/>
        </v17>Contact>
        <v17:Address>
            <v17:StreetLines>Shipper Address Line 1</v17:StreetLines>
            <v17:StreetLines>Shipper Address Line 2</v17:StreetLines>
            <v17:City>Memphis</v17:City>
            <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
            <v17:PostalCode>38117</v17:PostalCode>
            <v17:CountryCode>US</v17:CountryCode>
        </v17:Address>
    </v17:Shipper>
    <v17:Recipient>
        <v17>Contact>
            <v17:PersonName>SHIP TO CONTACT NAME</v17:PersonName>
            <v17:CompanyName>SHIP TO RECIPIENT CMPNY</v17:CompanyName>
            <v17:PhoneNumber>9967898787</v17:PhoneNumber>
            <v17:EMailAddress>abc@syntelinc.com</v17:EMailAddress>
        </v17>Contact>
        <v17:Address>
            <v17:StreetLines>TC021 JAN14 US</v17:StreetLines>
            <v17:StreetLines>IP - CuPack - US to BE</v17:StreetLines>
            <v17:City>Waterloo</v17:City>
            <v17:StateOrProvinceCode>BE</v17:StateOrProvinceCode>
            <v17:PostalCode>1410</v17:PostalCode>
            <v17:CountryCode>BE</v17:CountryCode>
        </v17:Address>
    </v17:Recipient>
<v17:Origin>

```

```

<v17:Contact>
  <v17:PersonName>JAN14    CL</v17:PersonName>
  <v17:CompanyName>SndrConnm</v17:CompanyName>
  <v17:PhoneNumber>9987878787</v17:PhoneNumber>
  <v17:EMailAddress/>
</v17:Contact>
<v17:Address>
  <v17:StreetLines>Shipper      Address Line 1</v17:StreetLines>
  <v17:StreetLines>Shipper      Address Line 2</v17:StreetLines>
  <v17:City>Memphis</v17:City>
  <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
  <v17:PostalCode>38117</v17:PostalCode>
  <v17:CountryCode>US</v17:CountryCode>
</v17:Address>
</v17:Origin>
<v17:ShippingChargesPayment>
  <v17:PaymentType>SENDER</v17:PaymentType>
  <v17:Payor>
    <v17:ResponsibleParty>
      <v17:AccountNumber>XXXXXXXXXXXX</v17:AccountNumber>
      <v17:Contact>
        <v17:PersonName>JAN14    CL</v17:PersonName>
        <v17:CompanyName>SndrConnm</v17:CompanyName>
        <v17:PhoneNumber>9987878787</v17:PhoneNumber>
        <v17:EMailAddress/>
      </v17:Contact>
      <v17:Address>
        <v17:StreetLines>Shipper      Address Line 1</v17:StreetLines>
        <v17:StreetLines>Shipper      Address Line 2</v17:StreetLines>
        <v17:City>Memphis</v17:City>
        <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
        <v17:PostalCode>38117</v17:PostalCode>
        <v17:CountryCode>US</v17:CountryCode>
      </v17:Address>
    </v17:ResponsibleParty>
  </v17:Payor>
</v17:ShippingChargesPayment>
<v17:CustomsClearanceDetail>
  <v17:ImporterOfRecord>
    <v17:AccountNumber>XXXXXXXXXXXX</v17:AccountNumber>
    <v17:Contact>
      <v17:PersonName>JAN14    CL</v17:PersonName>
      <v17:CompanyName>SndrConnm</v17:CompanyName>
      <v17:PhoneNumber>9987878787</v17:PhoneNumber>
      <v17:EMailAddress/>
    </v17:Contact>
    <v17:Address>
      <v17:StreetLines>Shipper      Address Line 1</v17:StreetLines>
      <v17:StreetLines>Shipper      Address Line 2</v17:StreetLines>
      <v17:City>Memphis</v17:City>
      <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
      <v17:PostalCode>38117</v17:PostalCode>
      <v17:CountryCode>US</v17:CountryCode>
    </v17:Address>
  </v17:ImporterOfRecord>
  <v17:DutiesPayment>
    <v17:PaymentType>SENDER</v17:PaymentType>
    <v17:Payor>
      <v17:ResponsibleParty>
        <v17:AccountNumber>XXXXXXXXXXXX</v17:AccountNumber>
        <v17:Contact>
          <v17:PersonName>JAN14    CL</v17:PersonName>
          <v17:CompanyName>SndrConnm</v17:CompanyName>

```

```

        <v17:PhoneNumber>9987878787</v17:PhoneNumber>
        <v17:EMailAddress/>
    </v17>Contact>
    <v17:Address>
        <v17:StreetLines>Shipper      Address Line 1</v17:StreetLines>
        <v17:StreetLines>Shipper      Address Line 2</v17:StreetLines>
        <v17:City>Memphis</v17:City>
        <v17:StateOrProvinceCode>TN</v17:StateOrProvinceCode>
        <v17:PostalCode>38117</v17:PostalCode>
        <v17:CountryCode>US</v17:CountryCode>
    </v17:Address>
    </v17:ResponsibleParty>
</v17:Payor>
</v17:DutiesPayment>
<v17:DocumentContent>DOCUMENTS_ONLY</v17:DocumentContent>
<v17:CustomsValue>
    <v17:Currency>USD</v17:Currency>
    <v17:Amount>100</v17:Amount>
</v17:CustomsValue>
<v17:CommercialInvoice>
    <v17:Comments>GodKnows</v17:Comments>
    <v17:PaymentTerms>string</v17:PaymentTerms>
    <v17:CustomerReferences>
        <v17:CustomerReferenceType>CUSTOMER_REFERENCE</v17:CustomerReferenceType>
        <v17:Value>TC#053</v17:Value>
    </v17:CustomerReferences>
    <v17:TermsOfSale>FOB</v17:TermsOfSale>
</v17:CommercialInvoice>
<v17:Commodities>
    <v17:Name>BOOKS</v17:Name>
    <v17:NumberOfPieces>1</v17:NumberOfPieces>
    <v17>Description>Books</v17>Description>
    <v17:CountryOfManufacture>US</v17:CountryOfManufacture>
    <v17:Weight>
        <v17:Units>LB</v17:Units>
        <v17:Value>30</v17:Value>
    </v17:Weight>
    <v17:Quantity>1</v17:Quantity>
    <v17:QuantityUnits>EA</v17:QuantityUnits>
    <v17:UnitPrice>
        <v17:Currency>USD</v17:Currency>
        <v17:Amount>10.00</v17:Amount>
    </v17:UnitPrice>
    <v17:CustomsValue>
        <v17:Currency>USD</v17:Currency>
        <v17:Amount>100</v17:Amount>
    </v17:CustomsValue>
</v17:Commodities>
</v17:CustomsClearanceDetail>
<v17:LabelSpecification>
    <v17:LabelFormatType>COMMON2D</v17:LabelFormatType>
    <v17:ImageType>ZPLII</v17:ImageType>
    <v17:LabelStockType>STOCK_4X6.75.LEADING_DOC_TAB</v17:LabelStockType>
        <v17:CustomerSpecifiedDetail>
        <v17:DocTabContent>
            <v17:DocTabContentType>CUSTOM</v17:DocTabContentType>
            <v17:Zone001>
                <v17:DocTabZoneSpecifications>
                    <v17:ZoneNumber>201</v17:ZoneNumber>
                    <v17:Header>rapidum      iaculata</v17:Header>
                    <v17:DataField>premere      et</v17:DataField>
                    <v17:LiteralValue>insuper      altos</v17:LiteralValue>

```

```

        <v17:Justification>LEFT</v17:Justification>
        </v17:DocTabZoneSpecifications>
    </v17:Zone001>
</v17:DocTabContent>
<v17:CustomContentPosition>BELOW</v17:CustomContentPosition>
<v17:CustomContent>
    <v17:CoordinateUnits>PIXELS</v17:CoordinateUnits>
    <v17:GraphicEntries>
        <v17:Position>
            <v17:X>200</v17:X>
            <v17:Y>3</v17:Y>
        </v17:Position>
        <v17:PrinterGraphicId>aeoliam      venit</v17:PrinterGraphicId>
        <v17:FileGraphicFullName>altos      imposuit regemque</v17:FileGraphicFullName>

    </v17:GraphicEntries>
    <v17:BoxEntries>
        <v17:TopLeftCorner>
            <v17:X>200</v17:X>
            <v17:Y>3</v17:Y>
        </v17:TopLeftCorner>
        <v17:BottomRightCorner>
            <v17:X>200</v17:X>
            <v17:Y>3</v17:Y>
        </v17:BottomRightCorner>
    </v17:BoxEntries>
    <v17:TextBoxEntries>
        <v17:TopLeftCorner>
            <v17:X>200</v17:X>
            <v17:Y>3</v17:Y>
        </v17:TopLeftCorner>
        <v17:BottomRightCorner>
            <v17:X>200</v17:X>
            <v17:Y>3</v17:Y>
        </v17:BottomRightCorner>
        <v17:Position>
            <v17:X>200</v17:X>
            <v17:Y>3</v17:Y>
        </v17:Position>
        <v17:Format>profundum      quippe</v17:Format>
        <v17:DataFields>premit      ac vinclis</v17:DataFields>
        <v17:ThermalFontId>luctantis      ventos</v17:ThermalFontId>
        <v17:FontName>luctantis      ventos tempestatesque</v17:FontName>
        <v17:FontSize>201</v17:FontSize>
        <v17:Rotation>NONE</v17:Rotation>
    </v17:TextBoxEntries>
    <v17:BarcodeEntries>
        <v17:Position>
            <v17:X>200</v17:X>
            <v17:Y>3</v17:Y>
        </v17:Position>
        <v17:Format>altos      imposuit</v17:Format>
        <v17:DataFields>sonoras      imperio premit</v17:DataFields>
        <v17:BarHeight>3</v17:BarHeight>
        <v17:ThinBarWidth>3</v17:ThinBarWidth>
        <v17:BarcodeSymbology>CODE128C</v17:BarcodeSymbology>
    </v17:BarcodeEntries>
</v17:CustomContent>
</v17:CustomerSpecifiedDetail>
</v17:LabelSpecification>
<v17:RateRequestTypes>LIST</v17:RateRequestTypes>
<v17:PackageCount>1</v17:PackageCount>
<v17:RequestedPackageLineItems>
```

```

<v17:SequenceNumber>1</v17:SequenceNumber>
<v17:InsuredValue>
    <v17:Currency>USD</v17:Currency>
    <v17:Amount>100</v17:Amount>
</v17:InsuredValue>
<v17:Weight>
    <v17:Units>LB</v17:Units>
    <v17:Value>30</v17:Value>
</v17:Weight>
<v17:Dimensions>
    <v17:Length>20</v17:Length>
    <v17:Width>15</v17:Width>
    <v17:Height>20</v17:Height>
    <v17:Units>IN</v17:Units>
</v17:Dimensions>
<v17:CustomerReferences>
    <v17:CustomerReferenceType>CUSTOMER_REFERENCE</v17:CustomerReferenceType>
        <v17:Value>TC#053</v17:Value>
    </v17:CustomerReferences>
</v17:RequestedPackageLineItems>
</v17:RequestedShipment>
</v17:ProcessShipmentRequest>
</soapenv:Body>
</soapenv:Envelope>

```

## 13.5 PNG Label

Web Services provides PNG (Portable Network Graphic) images for FedEx Express, FedEx Ground and FedEx International Express Freight® labels. The PNG label graphic is a replica of the thermal or plain paper labels supported by Web Services. This label option allows you to place the PNG label graphic on your label stock to prevent the need for creating a custom label.

The following requirements apply when using the 4" x 6" PNG graphic embedded in your shipping document:

### 13.5.1 Label Stock

4" x 6" PNG labels should only be used with peel-and-stick label stock. The FedEx Ground and FedEx Express label certification teams will reject 4" x 6" PNG labels that are not on peel-and-stick label stock, including any labels printed on plain paper.

### 13.5.2 Printer

Laser printers are recommended for printing labels. Ink jet printers should not be used because of their inconsistency in creating scannable barcodes. Due to the inconsistent print quality, the label certification teams reject most labels that are created with ink jet printers. The 4" x 6" PNG label cannot be printed using a color printer unless the color definition is set to black, even if the printer only has a black cartridge installed. This setting is necessary to achieve the correct barcode definition for scanning at the FedEx hubs.

### 13.5.3 Scaling

The image returned in your shipping transaction is 200 dots per inch (DPI) and measures 4" (W) x 6" (H) or 800 x 1200 pixels. This label has a vertical orientation and is designed to print in a 4" x 6" label area. When printed, the label should measure 4" x 6". When you generate a PNG label image in Web Services, the image is produced in 200 DPI, which is the minimum barcode DPI. When you view the image on your screen, most applications degrade the DPI to your screen resolution. Typically, this is 96 DPI, which is far less than the minimum barcode DPI required. To produce the label and barcodes in the required DPI, you must scale (or resize) the image before printing. How you scale the image depends on the application you are using to view

and print the label.

To scale the PNG image for a 4" x 6" label in inches: 4" width and 6" length exactly.

To scale the PNG image for a 4" x 6" label in pixels:

- If your screen resolution is 96 DPI:
  - Width = 384 pixels ( $96 \div 200 \times 800 = 384$ )
  - Height = 576 pixels ( $95 \div 200 \times 1200 = 576$ )
- If your screen resolution is 72 DPI:
  - Width = 288 pixels ( $72 \div 200 \times 800 = 288$ )
  - Height = 432 pixels ( $72 \div 200 \times 1200 = 432$ )
- If your screen resolution is not 96 or 72 DPI
  - Width = Your screen DPI  $\div 200 \times 800$
  - Height = Your screen DPI  $\div 200 \times 1200$

## 13.6 Label Review Checklist

Use these lists to check for problems before you submit each set of labels.

### 13.6.1 All Barcodes

Required for validation:

- Quiet Zone: Must always have at least 0.1" white space both above and below barcode.
- Quiet Zone: Must always have at least 0.2" white space both left and right of barcode.
- Validate that all barcodes meet minimum height requirements.

### 13.6.2 Print Quality

Common problems that cause labels to be rejected:

- Split Bars
- Faded Print/White Voids
- Repeating White Voids (roller problem)
- Smudging (thermal transfer)
- Flaking (laser) indicates Toner Fusion Problem
- Wrinkled in the Print (thermal transfer)
- Print Contrast for direct thermal labels must be at least 90%

### 13.6.3 Human Readable for FedEx Ground Labels

Required for validation:

Data matches barcode

- FedEx Ground logo: Logos are available for download from the FedEx Identity website [brand.fedex.com](http://brand.fedex.com).
- See *Appendix U: FedEx Ground Plain Paper Labels* and *Appendix V: FedEx Ground Thermal Label Samples* sections of *Web Services Developer Guide* for more information.
- FedEx Home Delivery logo: labels must have a large "H" in a box within 1" of the ship to address. The "H" must be at least .25" x .70".
- Service Description
- Sender Information
- Recipient Information

- Postal code and routing
- Ship date
- Actual Weight
- Customer Automation Device information (meter, application/system, version)
- Dimensions
- Miscellaneous reference information
- Tracking number and Form ID (Tracking number must be 14 digits)
- Airport Ramp ID
- Postal code

#### 13.6.4 Human Readable for Express Labels

The following elements must be printed on the label to pass certification:

- FedEx Express logo: Logos are available for download from the FedEx Identity Website [brand.fedex.com](http://brand.fedex.com).
- Service Description
- Package type, if International
- Delivery day of the week (example: MON for Monday)
- Deliver by date
- Meter number
- Ship date
- Format of piece count, Master label verbiage, CRN label verbiage on all MPS
- Airport Ramp ID
- Postal code and routing
- URSA routing prefix and suffix
- Handling codes
- Service area commitment
- Recipient and shipper's phone numbers
- Weight
- Dims, if applicable (Dims are always required for Express Freight)
- Reference field if an alcohol shipment
- Tracking number and Form ID (Tracking number must be 14 digits)
- In the ASTRA label, the 12 digit tracking number is located in positions 17 through 28 of the 32-character barcode. In the new FDX 1D barcode, the tracking number occupies positions 21 through 34. The FedEx Express tracking number will continue to be 12 digits. Zeros will occupy the leading two positions.



## 14. FedEx Express U.S. Shipping

Use the ShipService WSDL to access the FedEx Express® U.S. shipping features. See [Shipping Services by Region](#) for a list of FedEx Express U.S. services by region.

### 14.1 FedEx Express U.S. Service Options

The following service options are available for use with FedEx Express U.S. shipping:

- [Alcohol Shipping](#)
- [Alternate Return Address](#)
- [Delivery Signature Options](#)
- [Dry Ice Shipments](#)
- [FedEx Express U.S. Multiple-Package Shipments](#)
- [Future Day Shipping](#)
- [Hold at FedEx Location](#)
- [FedEx Intra-Country Shipping](#)
- [Masked Data](#)
- [Saturday Service](#)
- [Shipment Notification in the Ship Request](#)
- [Variable Handling Charges](#)

### 14.2 Express U.S. Service Details

Before coding a FedEx Express U.S. transaction, you should be familiar with the basic shipping rules for this service:

- FedEx Express U.S. service is available to the 50 United States. Transit times vary depending on the package destination and the service you choose.
- FedEx provides custom packaging for FedEx Express shipments. You may choose to ship using the FedEx® Envelope, FedEx® Pak, FedEx® Box, or FedEx® Tube. You may also ship using your own packaging.
- Both commercial and residential shipments may be shipped using FedEx Express U.S. services. Residential packages must be identified in your shipping transaction.
- There are several options available to you for billing the transaction charges. These billing options include Bill Shipper's FedEx Account, Bill Recipient's FedEx Account, FedEx Ground® COLLECT, and Bill Third Party's FedEx Account.
- The maximum size limit for a FedEx Express U.S. package is 150 lbs. and 119" in length, or 165 total inches in length plus girth (L+2W+2H). If your package exceeds these limits, you must use one of the FedEx Freight® shipping services.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

#### 14.2.1 FedEx First Overnight

FedEx First Overnight® provides early-morning delivery between 8 and 10 a.m. depending upon the destination postal code.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.
- Available throughout all states except Hawaii (outbound-only from Alaska).
- Available for intra-country shipping in Mexico and Canada.
- Not available to Alaska, but delivery is available from Alaska to many U.S. markets, depending on destination postal code. Not available to or from Hawaii. For more information about Alaska and Hawaii shipments, go to <http://www.fedex.com/us/service-guide/our-services/us/>.

Options include [Saturday Service](#), [Dangerous Goods](#) support for [Dry Ice Shipments](#) only, and [Delivery Signature Options](#).

## 14.2.2 FedEx First Overnight Freight

FedEx First Overnight® Freight business rules are as follows:

- Service days are Monday through Friday, with Saturday pickup and delivery service available in many areas for palletized shipments.
- Not available to and from Puerto Rico or transborder countries.
- Next-business-day delivery by 8:30 a.m. to H0 and H1 service areas.
- Next-business-day delivery by 9:30 a.m. to H2 service areas.
- Next-business-day delivery by 12:00 p.m. for H3 service areas.
- Pallet or skid size guidelines: up to 70" in height, 119" in length, or 80" in width.
- Individual pallets/skids weighing in excess of 2200 lbs., or larger than 70" in height, 119" in length, or 80" in width require prior approval by calling FedEx Express Freight Customer Service at 1.800.332.0807.
- Packaging type: Customer's Own
- Maximum declared value is \$50,000
- Advance confirmation required. Book space using FedEx Ship Manager at [fedex.com](http://fedex.com) or by calling 1.800.332.0807.

Options include [Saturday Service](#), [Dangerous Goods](#), support for Inaccessible Dangerous Goods (IDG), Accessible Dangerous Goods (ADG) and [Dry Ice Shipments](#), [Inside Pickup and Delivery](#), and [Shipment Notification in the Ship Request](#) that includes [FedEx Priority Alert Options](#) (for contracted accounts only), Ship Alert, Exception, and Delivery.

## 14.2.3 FedEx Priority Overnight

FedEx Priority Overnight® provides next-business-day delivery by 10:30 a.m. to most U.S. addresses, delivery by 5 p.m. to remote areas, and delivery by 1:30 p.m. on Saturdays.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.
- Available to and from all 50 states, but not all areas of Alaska and Hawaii.
- Available for intra-Mexico shipping. Also available for intra-country shipping in Canada and Switzerland.
- Delivery to and from many areas of Alaska and Hawaii in 1 or 2 business days. For more information about Alaska and Hawaii shipments, go to <http://www.fedex.com/us/service-guide/our-services/us/>.

Options include [Saturday Service](#), [Dangerous Goods](#), [FedEx Ground U.S. Collect On Delivery C.O.D.](#), [Delivery Signature Options](#) and [Hold at FedEx Location](#).

## 14.2.4 FedEx Standard Overnight

FedEx Standard Overnight® provides next-business-day delivery by 3 p.m. to most addresses, and by 4:30 p.m.

to rural areas.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.
- Available to and from all 50 states, but not all areas of Alaska and Hawaii.
- Available for intra-Mexico shipping. Also available for intra-country shipping in UAE.
- Delivery to and from many areas of Alaska and Hawaii in 1 or 2 business days. For more information about Alaska and Hawaii shipments, go to <http://www.fedex.com/us/service-guide/our-services/us/>.
- Options include [Saturday Service](#), [Dangerous Goods](#), [Delivery Signature Options](#) and [Hold at FedEx Location](#).

#### 14.2.5 FedEx 2Day A.M.

FedEx 2Day® A.M. provides second business day delivery by 10:30 a.m. to most business areas. For certain shipments to Alaska and Hawaii, delivery is in three business days.

- Available throughout all 50 U.S. states, Alaska and Hawaii for intra-U.S. shipments only, including the intra-U.S. portion of a Transborder Distribution shipment from Canada and Mexico.
- Delivery in 2 business days by 10:30 a.m. to A1, A2, AA, and A4 service areas.
- Delivery in 2 business days by 12:00 p.m. to A3, A5, and AM service areas.
- When estimating time-in-transit and delivery date, keep in mind delivery days are Monday through Friday.
- Maximum declared value packaging level limit is \$50,000 for FedEx Customer packaging, FedEx® Pak, FedEx® Box, and FedEx® Tube and \$500 for a FedEx® Envelope.
- Maximum size limit is 119" in length, or 165" in length and girth (L+2W+2H). If your package exceeds these dimensions, you must use FedEx Express U.S. Freight as your shipping service.
- Options include [Saturday Service](#), [Dangerous Goods](#), support for inaccessible items only, [Delivery Signature Options](#), [Hold at FedEx Location](#), [Returns Shipping](#), and [Shipment Notification in the Ship Request](#) that includes Ship Alert, Exception and Delivery.

*Note: Shipment notification is not available while tracking a package.*

#### 14.2.6 FedEx Express Saver

FedEx Express Saver® provides delivery in 3 business days to businesses by 4:30 p.m. and to residences by 7 p.m.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.
- Available to and from all states except Alaska and Hawaii.

Options are [Saturday Service](#), [Dangerous Goods](#) inaccessible items only, [Delivery Signature Options](#) and [Hold at FedEx Location](#).

#### 14.2.7 Pharmacy Delivery

Pharmacy Delivery allows you to designate pharmacy as the required delivery location for a shipment, bypassing loading docks and receiving areas.

Pharmacy Delivery provides the ability for customers to determine if the pharmacy delivery special service type is available for a shipping destination on a US Domestic Express parcel (non-Freight) shipment.

*Notes:*

1. This applies to both outbound as well as return shipments (print and email returns).

2. Express tags are not included.
3. For Pharmacy Delivery, US Domestic includes only the 50 US states (including Alaska and Hawaii) and does NOT include Puerto Rico or any of the US territories (i.e., US Virgin Islands, American Samoa, Guam, etc).
4. The packaging types allowed for Pharmacy Delivery are same as those allowed for 'like' shipments without pharmacy delivery.

## 14.3 FedEx Express U.S. Coding Details

The following coding details apply to FedEx Express U.S. shipping:

- FedEx provides several standard package types and allows you to use your own packaging for FedEx Express shipping.
- Both commercial and residential shipments are allowed with FedEx Express U.S. shipping. Residential shipments are charged a delivery surcharge.

*Note: Shipments to residential addresses will be invoiced as Residential Delivery regardless of the information in the ProcessShipmentRequest or RateRequest. The flag is there to ensure you have the surcharge included in your courtesy rate quote. It is helpful if you store the recipient address with the residential surcharge flag in your shipping address book database. If you are unsure about the residential status of an address, use Address Validation to do a residential status check.*

- There are several options available to you for billing the transaction charges. These billing options include Bill Shipper's FedEx Account, Bill Recipient's FedEx Account, and Bill Third Party's FedEx Account. Make sure you enter the appropriate FedEx account number if you want recipient or third-party billing. If the account number is missing or incorrect, you will be billed for the shipping costs.
- You can add reference elements to your Ship request which print on the shipping label, the invoice, or both. See the [Reference Elements with Output Location](#) table for more information.
- The maximum limits for FedEx Express U.S. packages are 150 lbs., 119" in length, and 165" in length plus girth (L+2W+2H).

### 14.3.1 Express U.S. Basic Ship Request Elements

In addition to the basic complex elements required for all web service requests described in the [Introduction](#), the following elements are available for FedEx Express U.S. ship requests:

#### 14.3.1.1 Recipient Information

Table 122. Recipient Information Elements

Element	Description
RequestedShipment/Company	Required if Contact name is blank.
RequestedShipment/Contact	Required if Company name is blank.
RequestedShipment/StreetLines	At least one street address line is required. This is a multiple occurrence field.
RequestedShipment/City	Required. Recipient city.
RequestedShipment/StateOrProvinceCode	Required. Valid value for FedEx Express - U.S. is U.S. See <i>Appendix B: U.S. State Codes section of Web Services Developer Guide</i> for more information on state codes .
RequestedShipment/Postal Code	Required. Recipient postal code.
RequestedShipment/PhoneNumber	Required. Recipient phone number.

#### 14.3.1.2 Shipment/Package Information

Table 123. Shipment/Package Information Elements

Element	Description
ServiceType	<p>Required. Valid values are:</p> <ul style="list-style-type: none"> <li>• PRIORITY_OVERNIGHT</li> <li>• STANDARD_OVERNIGHT</li> <li>• FEDEX_2_DAY</li> <li>• FEDEX_2_DAY_AM</li> <li>• FEDEX_EXPRESS_SAVER</li> <li>• FEDEX_FIRST_FREIGHT</li> <li>• FEDEX_FREIGHT_PRIORITY</li> <li>• FEDEX_FREIGHT_ECONOMY</li> <li>• FIRST_OVERNIGHT</li> <li>• SAME_DAY</li> <li>• SAME_DAY_CITY</li> </ul>
PackagingType	<p>Required. Valid values are:</p> <ul style="list-style-type: none"> <li>• FEDEX_BOX</li> <li>• FEDEX_ENVELOPE</li> <li>• FEDEX_PAK</li> <li>• FEDEX_TUBE</li> <li>• YOUR_PACKAGING</li> </ul>
Weight	<p>The Weight/Units element must also be included in your Ship request. This element requires either LB (pounds) or KG (kilograms) as the weight unit descriptor. The maximum limits for FedEx Express U.S. packages are 150 lbs. and 119" in length and 165" in length and girth (L+2W+2H).</p>
Height	<p>Optional but recommended if your package type is YOUR_PACKAGING.</p>
Width	<p>Optional but recommended if your package type is YOUR_PACKAGING.</p>
Length	<p>Optional but recommended if your package type is YOUR_PACKAGING.</p>
Units	<p>Required if dimensions are specified. Values are:</p> <ul style="list-style-type: none"> <li>• IN</li> <li>• CM</li> </ul>
InsuredValue/Amount	<p>FedEx liability for each package is limited to \$100USD unless a higher value is declared and paid for. Use this element if you want to declare a higher value.</p> <p><i>Note: "InsuredValue" refers to declared value of the package. FedEx does not provide insurance of any kind.</i></p>
RequestedShipment/ShipTimestamp	<p>Time of shipment based on shipper's time zone. Defaults to CDT.</p>

	<p>This element must be formatted as follows: The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T, such as 2009-06-26T17:00:00. The UTC offset indicates the number of hours/minutes, for example xx:xx from UTC, such as 2009-06-26T17:00:00-05:00 is defined as June 26, 2009 5:00 p.m. Eastern Time.</p> <p>See <i>Appendix M: Time Zones section of Web Services Developer Guide</i> for more information about time zones</p>
Address/Residential	This element must be set to true in order to obtain a residential surcharge included in the estimate of shipping charges returned in the reply. To determine if an address is considered residential, use the <i>Address Validation Service</i> .

#### 14.3.1.3 Label Requirements

Table 124. Label Requirements Elements

Element	Description
LabelSpecification	To identify the format of the label you will receive, elements in the LabelSpecification complex type element should be included in the ProcessShipmentRequest (depending on your label format). More information about label printing is provided in <a href="#">FedEx SmartPost Shipping</a> .

#### 14.3.2 FedEx Express U.S. Ship Reply Elements

In the ShipResponse/ProcessShipmentReply, the following elements are returned for a Ship request:

- Tracking number(s): A tracking number is assigned to all packages. For FedEx® Collect on Delivery (C.O.D.), you receive the origin shipment-status tracking number and the C.O.D. return payment tracking number.
- Rates and surcharges: For more information on the rating elements that are returned in a Ship Reply, see *Rate Services*. The maximum number of packages in one rate request is 100. For more information about multiple-piece shipments (MPS), see [FedEx Express U.S. Multiple-Package Shipments](#).
- Service commitment.
- Routing code.
- Origin commitment.
- Time-in-transit detail.
- Delivery day.
- Destination location ID.
- Station ID (where applicable).

#### 14.3.3 Reference Elements with Output Location

The ShipService WSDL uses the CustomerReferences/CustomerReferenceType element to define reference information. See [Appendix AB: CustomerReference/CustomerReferenceType Elements](#) for the child elements.

*Note: These elements can also be configured to print on the thermal label Doc-Tab. For more information, see the Doc-Tab instructions in [Creating a Label](#). You may use reference elements to track packages or to tie packages together for a single track request.*

*See [Tracking and Visibility Services](#) for more information.*

## 14.4 FedEx Express U.S. Multiple-Package Shipments

A multiple-package shipment (MPS) consists of two or more packages shipped to the same recipient.

To create a multiple-package shipment:

- The first package in the shipment request is considered the master package. Any shipment level information (TotalWeight, PackageCount, SignatureOptions) is included on the master package. The SequenceID for this package is 1.
- In the master package reply, the tracking number assigned to this first package should be in the MasterTrackingID element for all subsequent packages. You must return the master tracking number and increment the package number (SequenceID) for subsequent packages.

*Note: The maximum number of packages in an MPS request is 200.*

### 14.4.1 Multiple Piece Shipment Request Elements

Table 125. Multiple Piece Shipment Request Elements

Element	Package/Shipment Level	Description
SequenceNumber	Package	Required for multiple-package shipments (MPS). Each shipment must contain a SequenceNumber. For example, the first package (also known as the master package) has a sequence number of 1. All additional packages are numbered sequentially. This number system is important because the master package carries shipment-level information.
MasterTrackingID	Package	Required for MPS tracking requests. The reply for the first package (master package) in a shipment includes the MasterTrackingID element. This element the MasterTrackingNumber. FormID is included only for C.O.D. shipments. For each subsequent ship request for an MPS, the MasterTrackingID element is required.
MasterTrackingID/TrackingIDType	Package	Valid values are: <ul style="list-style-type: none"><li>• EXPRESS</li><li>• FREIGHT</li><li>• GROUND</li><li>• USPS</li><li>• FEDEX</li></ul> <i>Note: Use "FEDEX" when using the standard 34 digit barcode for FedEx Express, FedEx Ground and FedEx SmartPost.</i>
PackageCount	Shipment	Total number of packages in the MPS. Include this element in the master package request. The maximum number of packages in one rate request is 200.
TotalShipmentWeight	Shipment	Total shipment weight is added to the master

	package in the multiple-package shipment and contains the total weight of all packages in the shipment.
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#### 14.4.2 Multiple Piece Shipment Reply Elements

Table 126. Multiple Piece Shipment Reply Elements

Element	Description
PackageSequenceNumber	Returned for all multiple piece shipment (MPS) requests. Indicates the sequence number of the package within the MPS.
MasterTrackingID	Returned in the master package reply for an MPS C.O.D. Includes tracking number and form ID.  Used when requesting child pieces in an MPS. The master tracking information will be returned in reply from the first package requested for an MPS. That master tracking information is then inserted into the requests for each additional package requested for that MPS.
MasterTrackingID/TrackingIDType	Valid values are: <ul style="list-style-type: none"> <li>• EXPRESS</li> <li>• FREIGHT</li> <li>• GROUND</li> <li>• USPS</li> <li>• FEDEX</li> </ul> <i>Note: Use "FEDEX" when using the new standard 34 digit barcode for FedEx Express, FedEx Ground and FedEx SmartPost.</i>
SpecialServicesRequested/CodDetail/ReturnTrackingId	Optional. Returned in the reply only when used with multipiece COD shipments sent in multiple transactions. Required on last transaction only.

*Note: For a FedEx Ground MPS rate request, the reply will include piece-level detail. This information is not available for FedEx Express replies. For a FedEx Express MPS rate request, the reply will include only shipmentlevel detail.*

### 14.5 Group Multiple Piece Shipments

Multiple Piece Shipments (MPS) group multiple packages prepared with different shipping devices or technologies so that they can be tracked together.

The grouping process will create daily MPS, consisting of 2 or more packages, that have the same ship date, shipper, recipient, payor, service, delivery instructions and shipper-provided reference number. The grouping process links packages coming from the same account, same facility and multiple automation devices.

Group MPS is an opt-in process that must be enabled at the account level by FedEx Sales and Technology support per a shipper's request and shipping process. A shipper will set one reference field within FedEx shipping technology to populate with a unique shipment reference number (e.g., purchase order number).

Contact your FedEx account executive to start the enrollment process.

#### **14.5.1 Group Multiple-Piece Shipment Details**

- A shipment must contain two or more packages.
- All packages must have the same ship date.
- All packages must have the same shipper account, address lines, city, state, postal code, and contact name.
- All packages must have the same recipient address lines, city, state, postal code, and contact name.
- All packages must have the same service type.
- All packages must have the same bill-to account.
- FedEx® Delivery Signature Options must be the same for all packages.
- FedEx® Collect on Delivery selections must be the same for all packages.
- Saturday Pickup and Delivery selection must be the same for all packages.
- Hold at FedEx Location selection must be the same for all FedEx Express packages.
- Inside Pickup and Delivery selection must be the same for all FedEx Freight packages.
- FedEx Home Delivery® convenient delivery options must be the same for all packages.
- FedEx Ground shipment integrity selection must be the same for all packages.
- For FedEx Ground, packaging type must be “your packaging” for all packages
- All packages must have the same grouping-trigger reference field value (value cannot be spaces).
- The shipper must be enrolled in the group multiple-piece shipment (MPS) program.
- Signature type must be the same.



## 15. FedEx Express Freight Services: U.S

If your package exceeds 150 lbs., you must use FedEx Express® Freight Services.

### 15.1 FedEx Express Freight Services Details

The following service details apply:

- Freight must be shrink-wrapped and/or banded to a skid.
- Must be palletized, stackable, and forkliftable.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

#### 15.1.1 FedEx 1Day Freight

FedEx 1Day® Freight service provides next-business-day delivery for packages/skids weighing in excess of 150 lbs. The business rules are:

- Service days are Monday through Friday, with Saturday pickup and delivery available to many major markets.
- For intra-United Kingdom shipments, ship to an address within the U.K. and deliver within the next business day (by end of day). Supports the customer packaging type.
- A booking number is required for this service. Call 1.800.332.0807 to book your freight shipment.
- Available throughout all 50 states; Hawaii service is to and from the island of Oahu only. Not available to Puerto Rico.
- Skid and/or package size and weight: Exceeding 119" in length or 80" in width or 70" in height. Individual packages and/or skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs. require prior approval by FedEx.
- The following special services are allowed (depending on the destination location): [Saturday Service](#), [Dangerous Goods](#), [FedEx Express Collect on Delivery C.O.D.](#), [Hold at FedEx Location](#), and [FedEx Priority Alert Options](#) (for contracted accounts only).

#### 15.1.2 FedEx 2Day Freight

FedEx 2Day® Freight services provide delivery in 2 business days for packages or skids weighing in excess of 150 lbs. The business rules are as follows:

- Service days are Monday through Friday, with Saturday pickup and delivery available to many major markets.
- Available throughout all 50 states; Hawaii service is to and from the island of Oahu only. Not available to Puerto Rico.
- Skid and/or package size and weight: Exceeding 119" in length or 80" in width or 70" in height. Individual packages/skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs. require prior approval by FedEx.
- The following special services are allowed (depending on destination location): [Saturday Service](#), [Dangerous Goods](#), [FedEx Express Collect on Delivery C.O.D.](#), [Hold at FedEx Location](#), and [FedEx Priority Alert Options](#) (for contracted accounts only).

#### 15.1.3 FedEx 3Day Freight

FedEx 3Day® Freight services provide delivery in 3 business days for packages or skids weighing in excess of 150 lbs. The business rules are as follows:

- Service days are Monday through Friday with Saturday pickup available to many major markets.
- Available throughout all states except Alaska and Hawaii. Not available to Puerto Rico.
- Skid and/or package size and weight: Exceeding 119" in length or 80" in width or 70" in height. Individual packages and/or skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs. require prior approval by FedEx.
- The following special services are allowed (depending on destination location): [Dangerous Goods](#), [FedEx Express Collect on Delivery C.O.D.](#), [Hold at FedEx Location](#), and [FedEx Priority Alert Options](#) (for contracted accounts only).

#### 15.1.4 FedEx First Overnight Freight

FedEx First Overnight® Freight business rules are as follows:

- Service days are Monday through Friday, with Saturday pickup and delivery service available in major markets.
- Available within all 50 U.S. states including Hawaii (only to the island of Oahu), and not available to and from Puerto Rico or transborder countries.
- Next-business-day delivery by 9:00 a.m. or 10:30 a.m. to most primary service area ZIP codes.
- Pallet or skid size guidelines: up to 70" in height, 119" in length, or 80" in width.
- Individual pallets/skids weighing in excess of 2200 lbs. or larger than 70" in height, 119" in length, or 80" in width require prior approval by calling FedEx Express® Freight Services Customer Service at 1.800.332.0807.
- Packaging type: Customer's Own.
- Maximum declared value is \$50,000.
- Advance confirmation required. Book space using FedEx Ship Manager® at [fedex.com](http://fedex.com) or by calling 1.800.332.0807.
- Options include Saturday Service, Dangerous Goods, support for Inaccessible Dangerous Goods (IDG), Accessible Dangerous Goods (ADG) and Dry Ice Shipments, Inside Pickup and Delivery, and Shipment Notification in the Ship Request that includes FedEx Priority Alert (for contracted accounts only), Ship Alert, Exception, and Delivery.

#### 15.1.5 Inside Pickup and Delivery

For FedEx Express® Freight Services, you may request inside pickup and/or inside delivery. Inside pickup and delivery options are intended for customers who do not have the necessary equipment to move shipments to the loading area. FedEx moves shipments from positions beyond the pickup or delivery site which are directly accessible from the curb and are no more than 50 feet inside the outermost door.

FedEx Inside Pickup and FedEx Inside Delivery are available for FedEx 1Day Freight, FedEx 2Day Freight and FedEx 3Day Freight services and do not require special service contracts with FedEx. If a shipment breakdown is needed to fit a shipment through a doorway, additional charges may be assessed. FedEx does not provide piece count or piece verification when a breakdown of a freight shipment occurs at the delivery site.

### 15.2 FedEx Express Freight Services Coding Details

Before you begin coding FedEx Express Freight Services U.S., you should know:

- Freight shipping weight must exceed 150 lbs.
- You should use the ServiceAvailability Service to determine what freight services are available for your origin/destination pair.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

FedEx Express Freight Services U.S. are included in the ShipService WSDL. In addition to the basic shipping elements required for a FedEx Express shipment, the following elements are available:

**Table 128. U.S. ExpressFreightDetail Elements**

Element	Description
ExpressFreightDetail/BookingConfirmationNumber	Optional. An advance booking number is optional for FedEx 1Day Freight. When you call 1.800.332.0807 to book your freight shipment, you will receive a booking number. This booking number is included in the Ship request, and prints on the shipping label.
ExpressFreightDetail/PackingListEnclosed	Optional. If you enclose a packing list with your FedEx Express Freight Services shipment, this element informs FedEx operations that shipment contents can be verified on your packing list.

*Note: Additional services available for FedEx Express Freight Services U.S. include: [Saturday Service](#), [Dangerous Goods](#), [FedEx Express Collect on Delivery C.O.D.](#), [Hold at FedEx Location](#).*



## 16. Delivery Signature Options

Shippers can choose from four FedEx® Delivery Signature Options for FedEx Express® and FedEx Ground® shipments:

Table 129. Delivery Signature Options

Option	Service Description	Restrictions	Special Fees
Indirect Signature Required	Any person at the recipient's address may sign for delivery. If no one is at the address, FedEx will reattempt delivery	Not available for commercial addresses.	A surcharge may apply.
Direct Signature Required	FedEx obtains a signature in one of three ways: <ul style="list-style-type: none"><li>• From someone at the delivery address.</li><li>• From a neighbor, building manager or other person at a neighboring address.</li><li>• The recipient can authorize release of the package without anyone present.</li></ul>	Available to select countries.	A surcharge may apply.
Adult Signature Required	FedEx will obtain a signature from someone at the delivery address who is at least the age of majority in the destination country	Available to select countries.	A surcharge may apply.
No signature Required	FedEx may release the package without anyone present	Available to select countries.	

### 16.1 Delivery Signature Options Details

- Once a shipment has been given to FedEx, you may not change the signature option.
- Direct Signature Required is not available for Hold at FedEx Location.
- Adult Signature Required is available for [Hold\\_at\\_FedEx\\_Location](#).
- All packages in a multiple-package shipment must have the same FedEx Delivery Signature Option.
- All pieces with a declared value of \$500USD or \$500CAD or greater require a signature. Direct Signature Required is the default service and is provided at no additional cost. If you are shipping a multiple-package shipment and one or more packages has a declared value of \$500USD/CAD or greater, process the package with the lowest value first to avoid multiple delivery charges.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 16.2 Signature Options Expansion

The expanded Signature Options offer customers the flexibility and convenience for international letters and packages. The following Signature Options are now available to select international locations.

- No Signature Required (NSR): FedEx may release the package without anyone present.
- Indirect Signature Required (ISR): FedEx will obtain a signature in one of three ways:
  1. From someone at the delivery address.
  2. From a neighbor, building manager or other person at a neighboring address.

3. The recipient can authorize release of the package without anyone present.
- Direct Signature Required (DSR): FedEx will obtain a signature from someone at the delivery address or reattempt delivery the following business day if no one is at the address.
  - Adult Signature Required (ASR): FedEx will obtain a signature from someone at the delivery address who is at least the age of majority in the destination country.

*Note: For more detailed information about the services offered by FedEx including surcharges, see the electronic FedEx Service Guide.*

## 16.3 Delivery Signature Coding Rules

- Signature services are supported at the package level for all FedEx Express® and FedEx Ground® services except for FedEx® Collect on Delivery (C.O.D.), where they are supported at the shipment level.
- You may choose “No Signature Required” as a valid signature service option in addition to the three signature requirements.
- Certain special services have a default signature option such as Adult Signature Required for alcohol shipments and Direct Signature Required for [Dangerous Goods](#).
- Signature options requirements are the same for FedEx Express and FedEx Ground U.S. shipments.
- A signature option is required for international origins shipped to the United States.

### 16.3.1 Delivery Signature Elements

In the ShipService WSDL, the following elements are required to designate a signature option:

**Table 130. Delivery Signature Elements**

Element	Description
SignatureOptionDetail/OptionType	<p>Five choices are available:</p> <ul style="list-style-type: none"> <li>• ADULT</li> <li>• DIRECT</li> <li>• INDIRECT</li> <li>• NO_SIGNATURE_REQUIRED</li> <li>• SERVICE_DEFAULT</li> </ul> <p><i>Note: If you choose SERVICE_DEFAULT, FedEx Web Services selects the appropriate signature option for your shipping service. For example, if you ship a <a href="#">Dangerous Goods</a> shipment, the DIRECT signature option is chosen for you.</i></p>



## 17. FedEx Priority Alert Options

Our customer's needs are global. FedEx stays ahead of those needs by expanding its specialized package monitoring service to more than 70 countries spanning the globe – bringing the world closer to you. This expanded service applies to inbound and outbound shipments and provides peace of mind that sensitive shipments will arrive quickly, safely and securely.

FedEx Priority Alert<sup>TM</sup> comes with a promise of proactive monitoring and 24-hour connectivity so you know where your shipment is every step of the way. Dedicated support from FedEx means security for you when it matters most.

FedEx Priority Alert Plus<sup>TM</sup> comes with an even higher guarantee – proactive defense. In the unlikely case of a delay, your critical, temperature-sensitive shipment (typically healthcare-related) will get the necessary intervention, such as dry ice replenishment, gel pack reconditioning and access to cold storage. FedEx understands the on-time delivery of critical shipments can save lives. We offer added assurance that your urgent package will be closely watched from the time of departure until it's safely delivered.

Pink means priority. Priority Alert packages come equipped with bright pink tape around the package, signaling their priority status when it comes to loading and unloading.

FedEx Priority Alert<sup>TM</sup> and FedEx Priority Alert Plus<sup>TM</sup> are specialized contract-only, fee-based services that combine 24/7 support, advanced shipment monitoring, proactive notification and customized package recovery for critical and time-sensitive shipments. Shipments receive priority boarding and priority clearance handling.

For ease of visibility, all FedEx Priority Alert<sup>TM</sup> information is printed on the FedEx ASTRA label. A per package surcharge is associated with FedEx Priority Alert<sup>TM</sup> service.

FedEx Priority Alert Plus<sup>TM</sup> includes all the FedEx Priority Alert<sup>TM</sup> features of the highest level of advanced monitoring for time and temperature sensitive shipments catering to the financial, aerospace, electronics manufacturing and healthcare industries, plus these options:

- Dry Ice Replenishment
- Gel Pack Replacement
- Cold Storage

As with FedEx Priority Alert<sup>TM</sup>, a surcharge is associated with this special service.

### 17.1 FedEx Priority Alert Service Details

The FedEx Priority Alert and Priority Alert Plus services are supported as an option for the following shipment services:

- FedEx First Overnight<sup>®</sup>
- FedEx First Overnight<sup>®</sup> Freight (for contracted accounts only)
- FedEx Priority Overnight<sup>®</sup>
- FedEx 1Day<sup>®</sup> Freight (Express)
- FedEx International Priority<sup>®</sup>
- FedEx International First<sup>®</sup>
- FedEx Europe First<sup>®</sup>
- FedEx International Priority<sup>®</sup> Freight

- FedEx International Priority DirectDistribution® (IPD), includes Single Point of Clearance (SPOC)
- Shipment Special Services:

- Saturday Delivery
- Weekday Delivery
- Hold Saturday
- Hold at FedEx Location

Package Special Services:

- Dangerous Goods
- Dry Ice
- Signature Service Option

FedEx Priority Alert and Priority Alert Plus require a service contract. If you are interested in signing up for FedEx Priority Alert options, contact your FedEx account executive.

## 17.1.1 FedEx Priority Alert Coding Details

In addition to the basic complex elements required for all ship requests described in the [Introduction](#), the following elements are required for the FedEx Priority Alert feature:

### 17.1.1.1 Basic Complex Elements

**Table 131. Priority Alert Basic Complex Elements**

Element	Description	Level
SpecialServicesRequested/SpecialServiceTypes	Identifies the special service type at the package level. Specify PRIORITY_ALERT to notify customers in the event that a critical shipment is delayed.	Package
SpecialServicesRequested/PriorityAlertDetail/Content	Optional. Specify any associated details to include with FedEx Priority Alert Notification.	Package
SpecialServicesRequested/PriorityAlertDetail/EnhancementTypes	Identifies the Priority Alert special service type at the package level. Specify PRIORITY_ALERT_PLUS which includes intervention to protect shipment contents.	Package

### 17.1.1.2 Additional Reply Elements

**Table 132. Priority Alert Additional Reply Elements**

Element	Description	Level
Surcharges/SurchargeType	Identifies the surcharge type returned. For Priority Alert surcharges, this value is returned as PRIORITY_ALERT.	Shipment/Package
Surcharges/Description	Description of surcharge type returned.	Shipment/Package

Surcharges/Amount/Currency	Currency Code of surcharge amount returned.	Shipment/Package
Surcharges/Amount/Amount	Amount of surcharge returned.	Shipment/Package



## 18. Saturday Service

In the ShipService WSDL, you may choose Saturday pickup or Saturday delivery services for your FedEx Express® shipments for an additional surcharge.

### 18.1 Saturday Ship and Delivery Service Details

The following service details apply:

- Saturday delivery is available for the following FedEx Express U.S. service types:
  - FedEx Priority Overnight®
  - FedEx 2Day®
  - FedEx 2Day® A.M.
  - FedEx 1Day® Freight
  - FedEx 2Day® Freight
  - FedEx First Overnight® Freight
- Saturday pickup is available for the following FedEx Express U.S. service types:
  - FedEx Priority Overnight
  - FedEx Standard Overnight®
  - FedEx 2Day
  - FedEx Express Saver®
  - FedEx First Overnight Freight
- Saturday Hold at Location service is available for the following FedEx Express U.S. service types:
  - FedEx Priority Overnight
  - FedEx 2Day
- To determine if Saturday Service is available for your shipment origin/destination pair, use the Validation Availability And Commitment Service and Country Service WSDL ServiceAvailabilityRequest.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 18.2 Saturday Ship and Delivery Coding Details

Saturday service is included in the ShipService WSDL. The following elements are required:

Table 133. Saturday Ship and Delivery Request Elements

Element	Description
RequestedShipment/ SpecialServicesRequested/ SpecialServiceTypes	<p>Two elements must be included in the ShipService WSDL for Saturday services:</p> <ul style="list-style-type: none"><li>• SATURDAY_DELIVERY: The ship date and service must equal a Saturday delivery date. For example, if you choose FedEx Priority Overnight and your ship date is Thursday, Saturday delivery is not allowed.</li><li>• SATURDAY_PICKUP: Ship date must equal a Saturday date for</li></ul>

this option.

*Note: A Hold At FedEx Location Saturday Delivery indication can be implemented by setting the SpecialServicesRequested to be both HOLD\_AT\_LOCATION and SATURDAY\_DELIVERY.*



## 19. FedEx Express Collect on Delivery (C.O.D.)

The FedEx® Collect on Delivery (C.O.D.) option allows you to designate the amount of money that the FedEx Express courier collects from your recipient when the package is delivered. Enrollment is not required. Your recipient can pay by personal check, money order, cashier's check, company check, official check, or certified check. FedEx returns payment to you the next business day by FedEx Standard Overnight® (where available; otherwise, FedEx 2Day®). An additional surcharge applies to C.O.D. shipments.

### 19.1 Express C.O.D. Service Details

The following service details apply to FedEx C.O.D.:

- C.O.D. service is not available with FedEx SameDay® or FedEx First Overnight®. C.O.D. services is not available to and from extended services areas for FedEx Express® Freight Services shipments. Also, C.O.D. service is not available to and from Puerto Rico or other international locations.
- These services allow C.O.D.: FedEx Priority Overnight®, FedEx Standard Overnight, FedEx 2Day, FedEx 2Day® A.M., FedEx Express Saver® and FedEx Freight.
- C.O.D. is not available for FedEx First Overnight.
- C.O.D. is not available for international shipments.
- C.O.D. is not available for intra-Canada or intra-Mexico FedEx Express shipments.
- Dangerous Goods may be shipped using the C.O.D. service.
- Hold at FedEx Location is allowed with the C.O.D. service.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 19.2 FedEx Express C.O.D. Coding Details

Before you begin coding C.O.D., you should know:

- Two labels are returned in the Ship reply: one outbound label to ship the package and one inbound label to return payment to you.
- Valid payment types are:
  - Secured: cashier's check, official check, or money order.
  - Unsecured: personal check, certified check, cashier's check, official check, money order, or company check.
- To code C.O.D. shipments as multiple-piece shipments (MPS), you must submit multiple ship requests. You must submit a ship request for the master package and one ship request for each child package in the MPS. See [Single C.O.D. Shipments](#) for more information about the multiple occurrence elements. For C.O.D. multiple-package shipments, a shipping label prints for each package, and one C.O.D. return label prints to return payment to you.
- You may override your shipper address to return the payment to a different location.
- FedEx Express C.O.D. is requested using the ShipService WSDL. In addition to the basic shipping elements required for a FedEx Express shipment, the following elements are available:

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

## 19.3 Single C.O.D. Shipments

Table 134. Single C.O.D. Shipment Elements

Element	Package/Shipment Level	Description
RequestedShipment/ ShipmentSpecialServicesRequested /SpecialServiceTypes	Shipment	This element should be set to COD for a single COD package. For an multiple-piece shipment (MPS) C.O.D., the master package (first package in the sequence) must include this element.
Weight	Package	Individual package weight is required for all shipments. The Weight element includes Weight/Units and Weight/Value. Values for Weight/Units are: <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> Weight/Value is entered with one explicit decimal position.
Dimensions	Package	Optional for customer packages. Not allowed for FedEx package types. Valid measurements are whole numbers greater than zero. The Dimensions element include: <ul style="list-style-type: none"> <li>• Width</li> <li>• Height</li> <li>• Length</li> <li>• Units</li> </ul> Dimensions/Units values are: <ul style="list-style-type: none"> <li>• CM</li> <li>• IN</li> </ul>
SpecialServicesRequested /CodCollectionAmount	Package	Valid values are: <ul style="list-style-type: none"> <li>• Currency: Currency type for C.O.D. For U.S. Express shipments, the currency type is USD.</li> <li>• Amount: The total amount to be collected. For multiple-package shipments, the element must be included on each package and include the total collection amount minus transportation charges.</li> </ul> <p><i>Note: The collection amount must be added to each package in an MPS C.O.D. shipment.</i></p>
CodDetail/CodAddTransportationChargesDetail	Shipment	Optional. This element allows you to add transportation charges to the C.O.D. collection amount. Valid values are: <ul style="list-style-type: none"> <li>• ADD_ACCOUNT_COD_SURCHARGE</li> <li>• ADD_ACCOUNT_NET_CHARGE</li> <li>• ADD_ACCOUNT_NET_FREIGHT</li> <li>• ADD_ACCOUNT_TOTAL_CUSTOMER_CHARGE</li> <li>• ADD_LIST_COD_SURCHARGE</li> <li>• ADD_LIST_NET_CHARGE</li> <li>• ADD_LIST_NET_FREIGHT</li> <li>• ADD_LIST_TOTAL_CUSTOMER_CHARGE</li> </ul>

CodDetail/CodAddTransportationChargesDetail/ RateTypeBasis	Shipment	<p>The rate type. Valid values are:</p> <ul style="list-style-type: none"> <li>• ACCOUNT: Uses the customer's account rate as the basis for the additional charge calculation.</li> <li>• LIST: Uses the FedEx List rate as the basis for the additional charge calculation.</li> </ul>
CodDetail/CodAddTransportationChargesDetail/ ChargeBasis	Shipment	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• COD_SURCHARGE: Adds the COD surcharge amount to the collect amount.</li> <li>• NET_CHARGE: Adds the net freight plus surcharges and taxes to the collect amount.</li> <li>• NET_FREIGHT: Adds the base freight charge minus discounts to the collect amount.</li> <li>• TOTAL_CUSTOMER_CHARGE: Adds the net freight charge plus variable handling to the collect amount.</li> </ul>
CodDetail/AddTransportationChargesDetail/ ChargeBasisLevel	Shipment	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• CURRENT_PACKAGE: Adds the current package charge basis to the COD amount.</li> <li>• SUM_OF_PACKAGES: Adds the charge basis for all packages in the shipment to the COD amount.</li> </ul> <p><i>Note: For Express shipments, the COD amount is calculated only at the shipment level; therefore, both of these values use the shipment totals.</i></p>
CodDetail/CollectionType	Shipment	<p>Required. Valid values are:</p> <ul style="list-style-type: none"> <li>• ANY</li> <li>• CASH</li> <li>• COMPANY_CHECK</li> <li>• GUARANTEED_FUNDS</li> <li>• PERSONAL_CHECK</li> </ul>
CodDetail/CodRecipient	Shipment	<p>The C.O.D. return label uses your shipper information as the recipient for the C.O.D. payment. To override this address, the following elements are required:</p> <ul style="list-style-type: none"> <li>• Contact</li> <li>• Company (if contact is not supplied)</li> <li>• City</li> <li>• Country</li> <li>• State</li> <li>• PostalCode</li> <li>• Phone</li> <li>• Residential (for residential addresses)</li> </ul>
CodDetail/FinancialInstitutionContactAnd Address	Shipment	When the FedEx COD payment type is not CASH, indicates the contact and address of the financial institution used to service the payment of the COD.
CodDetail/RemitToName	Shipment	Specifies the name of the person or company receiving the secured/unsecured funds payment.
CodDetail/ReferenceIndicator	Shipment	Optional. If you want reference information added to the

		<p>return C.O.D. label, use this element. Values are:</p> <ul style="list-style-type: none"> <li>• INVOICE</li> <li>• PO</li> <li>• REFERENCE</li> <li>• TRACKING</li> </ul>
CodDetail/ReturnTrackingId	Shipment	Only used with multi-piece COD shipments sent in multiple transactions. Required on last transaction only.

## 19.4 Multiple Piece Shipment C.O.D. Request Elements

*Note: The maximum number of packages in an multiple-piece shipment (MPS) request is 200.*

Table 135. Multiple Piece Shipment C.O.D. Request Elements

Element	Package/Shipment Level	Description
RequestedPackageLineItems/SequenceNumber	Package	Required for multiple-package shipments. Each C.O.D. shipment must contain a SequenceNumber. For example, the first package (also known as the master package) has a sequence number of 1. All additional packages are numbered sequentially. This number system is important because the master package carries shipment-level information.
MasterTrackingId	Package	Required for multiple-package shipments. The reply for the first package (master package) in a C.O.D. shipment includes the MasterTrackingId element. This element includes both the MasterTrackingNumber and FormID. For each subsequent ship request for an multiple piece shipment C.O.D., the MasterTrackingId (with MasterTrackingNumber and FormID) element is required.
PackageCount	Shipment	Total number of packages in the multiple-piece C.O.D. shipment. Include this element in the master package request. The maximum number of packages in one rate request is 100.
TotalWeight	Shipment	Total shipment weight is added to the master package in the multiple-package shipment and contains the total weight of all packages in the shipment.
CodReturnTrackingId	Shipment	The CodReturnTrackingId (including TrackingNumber and FormID) is returned in the master package reply. This ID is required on the final package in an multiple-piece C.O.D. shipment.

## 19.5 Multiple Piece Shipment C.O.D. Reply Elements

Table 136. Multiple Piece Shipment C.O.D. Reply Elements

Element	Description
ProcessShipmentReply/ CompletedShipmentDetail/	The reply payload. All of the returned information about this shipment/package.
CompletedShipmentDetail/ UsDomestic	Indicates whether or not this is a US Domestic shipment.
CompletedShipmentDetail/ CarrierCode	Indicates the carrier that will be used to deliver this shipment.
CompletedShipmentDetail/ MasterTrackingId	The master tracking number and form id of this multiple piece shipment. This information is to be provided for each subsequent of a multiple piece shipment.
CompletedShipmentDetail/ ServiceTypeDescription	Description of the FedEx service used for this shipment. Currently not supported.
CompletedShipmentDetail/ PackagingDescription	Description of the packaging used for this shipment. Currently not supported.
CompletedShipmentDetail/ AssociatedShipments	Provides the customer with the Delivery on Invoice Acceptance data.
CompletedShipmentDetail/ CompletedCodDetail	Specifies the results of processing for the COD special service.
CompletedShipmentDetail/ CompletedCodDetail/CollectionAmount	The amount to be collected for the shipment.
CompletedShipmentDetail/ CompletedCodDetail/AdjustmentType	Specifies the type of adjustment that was performed to the COD collection amount during rating.

Note: Additional shipping options like [Dangerous Goods](#) and [Hold at FedEx Location](#) are available for C.O.D. shipments. Information for each of these options is provided in the applicable topic. For C.O.D. multiple-piece shipments, you may request additional options either on the package level or the shipment level:

**Table 137. Multiple Piece Shipment C.O.D. Additional Shipping Options Reply Elements**

Shipping Option	Package vs. Shipment Level
Delivery Signature Options	Shipment
Hazardous Materials	Shipment
Dry Ice	Shipment
Reference Elements	Package
Shipment Notification	Shipment
Future Day	Shipment
Hold at Location	Shipment
Inside Delivery	Shipment

Inside Pickup	Shipment
Saturday Services	Shipment
Variable Handling Charge	Package



## 20. FedEx Ground U.S. Collect On Delivery (C.O.D.)

FedEx Ground® C.O.D. allows the shipper to designate the amount of money that the FedEx Ground driver collects from the recipient when a package is delivered. If the FedEx Ground driver collects guaranteed funds, or a company and/or personal check, the payment is sent directly to the shipper via U.S. mail. If cash is collected, by the next business day, FedEx Ground issues a check to the shipper in the amount of the cash collected. The FedEx issued check is sent to the shipper using the U.S. Postal Service. The shipper must designate the type of payment to be collected by FedEx Ground. FedEx Ground C.O.D. is not available with the FedEx Home Delivery® service. Available options with FedEx Ground C.O.D.:

- [Delivery\\_Signature\\_Options](#)
- [Hazardous\\_Materials\\_FedEx\\_Ground\\_US](#)
- Additional handling options are available in [FedEx\\_Ground\\_US\\_Shipping](#)

*Note: FedEx offers a FedEx Ground® Electronic C.O.D. (E.C.O.D.) option. When you contract to use this option, FedEx electronically deposits your C.O.D. payment into your bank account within 24 to 48 hours of collection. Because E.C.O.D. is a contract service, you must contact your FedEx account executive to register for this option. No additional entries are required to create an E.C.O.D. shipment in the Ship request.*

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 20.1 FedEx Ground C.O.D. Coding Details

Before you begin coding FedEx Ground C.O.D., you should know:

- Two labels print at ship time: one inbound label to ship the package and one outbound label to return payment to you.
- Valid payment amounts are:
  - Secured – cashier's check, official check, or money order
  - Unsecured – personal check, certified check, cashier's check, official check, money order, or company check

C.O.D. shipments can be coded as multiple-package shipments (MPS). This means that you must create multiple C.O.D. packages using multiple Ship requests. These packages must be going to the same destination with the same service type. See [Single and Multiple Piece C.O.D. Shipments](#) for more information about multiple occurrence elements. For C.O.D. MPS, a shipping label prints for each package, and one C.O.D. return label prints to return payment to you.

- You may override your shipper address if you want the payment returned to a different location.

#### 20.1.1 Single and Multiple Piece C.O.D. Shipments

FedEx Ground C.O.D. is requested using the ShipService WSDL. In addition to the basic shipping elements required for a FedEx Ground shipment, the following elements are available:

Table 138. Single and C.O.D. Multiple Piece Shipment Elements

Element	Package/ Shipment Level	Description
---------	----------------------------	-------------

RequestedShipment/ ShipmentSpecialServicesRequested/ SpecialServiceTypes	Shipment	<p>This element should be set to COD for a single C.O.D. package. For a C.O.D multiple-piece shipment (MPS), the master package (first package in the sequence) must include this element.</p> <p><i>Note: The COD special service type and associated information are added at the package level under RequestedPackageLineItems.</i></p>
Weight	Package	<p>Individual package weight is required for all shipments. The Weight element includes Weight/Units and Weight/Value. Values for Weight/Units are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>Weight/Value is entered with one explicit decimal position.</p>
Dimensions	Package	<p>Optional for customer packages. Not allowed for FedEx package types. Valid measurements are whole numbers greater than zero. The Dimensions element includes:</p> <ul style="list-style-type: none"> <li>• Width</li> <li>• Height</li> <li>• Length</li> <li>• Units</li> </ul> <p>Dimensions/Units values are:</p> <ul style="list-style-type: none"> <li>• CM</li> <li>• IN</li> </ul>
CodDetail/CollectionAmount	Package	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• Currency: Currency type for C.O.D. For U.S. Express shipments, the currency type is U.S.</li> <li>• Amount: The total amount to be collected. For MPS, the element must be included on each package and include the total collection amount minus transportation charges.</li> </ul> <p><i>Note: The collection amount must be added to each package in an MPS C.O.D. shipment. Since FedEx Ground packages do not travel together and may be delivered at different times, you should add the value for the individual packages to be collected.</i></p>
CodAddTransportationChargesDetail/ RateTypeBasis	Shipment	<p>Optional. Select the type of rate from which the element is to be selected.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• ACCOUNT: Uses the customer's account rate as the basis for the additional charge calculation.</li> <li>• LIST: Uses the FedEx List rate as the</li> </ul>

		basis for the additional charge calculation.
CodAddTransportationChargesDetail/ChargeBasis		<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• COD_SURCHARGE: Adds the COD surcharge amount to the collect amount.</li> <li>• NET_CHARGE: Adds the net freight plus surcharges and taxes to the collect amount.</li> <li>• NET_FREIGHT: Adds the base freight charge minus discounts to the collect amount.</li> <li>• TOTAL_CUSTOMER_CHARGE: Adds the net freight charge plus variable handling to the collect amount.</li> </ul>
CodAddTransportationChargesDetail/ChargeBasisLevel		<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• CURRENT_PACKAGE: Adds the current package charge basis to the COD amount.</li> <li>• SUM_OF_PACKAGES: Adds the charge basis for all packages in the shipment to the COD amount.</li> </ul> <p><i>Note: For Express shipments, the COD amount is calculated only at the shipment level; therefore, both of these values use the shipment totals.</i></p>
CodRecipient	Shipment	<p>The C.O.D. return label uses your shipper information as the recipient for the C.O.D. payment. To override this address, the following elements are required:</p> <ul style="list-style-type: none"> <li>• Contact</li> <li>• Company (if contact is not supplied)</li> <li>• City</li> <li>• Country</li> <li>• State</li> <li>• PostalCode</li> <li>• Telephone</li> <li>• Residential (for residential addresses)</li> </ul>
CodDetail/CollectionType	Shipment	<p>Required. Valid values are:</p> <ul style="list-style-type: none"> <li>• ANY</li> <li>• CASH</li> <li>• COMPANY_CHECK</li> <li>• GUARANTEED_FUNDS</li> <li>• PERSONAL_CHECK</li> </ul>
CodDetail/CodRecipient	Shipment	<p>For Express, this is the descriptive data that is used for the recipient of the FedEx Letter containing the COD payment. For Ground, this is the descriptive data for the party to receive the payment that prints the COD receipt.</p>

CodDetail/FinancialInstitutionContactAndAddress	Shipment	When the FedEx COD payment type is not CASH, indicates the contact and address of the financial institution used to service the payment of the COD.
RemitToName	Shipment	Specifies the name of the person or company receiving the secured/unsecured funds payment.
CodDetail/ReferenceIndicator	Shipment	Optional. If you want reference information added to the return C.O.D. label, use this element. Values are: <ul style="list-style-type: none"> <li>• INVOICE</li> <li>• PO</li> <li>• REFERENCE</li> <li>• TRACKING</li> </ul>
ReturnTrackingId	Shipment	Only used with multiple-piece C.O.D. shipments sent in multiple transactions. Required on last transaction only.

### 20.1.1.1 Example C.O.D. Transaction

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns="http://fedex.com/ws/ship/v17">
    <SOAP-ENV:Header/>
    <SOAP-ENV:Body>
        <ProcessShipmentRequest>
            <WebAuthenticationDetail>
                <ParentCredential>
                    <Key>XXXXXXXXXXXX</Key>
                    <Password>XXXXXXXXXXXX</Password>
                </ParentCredential>
                <UserCredential>
                    <Key>XXXXXXXXXXXX</Key>
                    <Password>XXXXXXXXXXXX</Password>
                </UserCredential>
            </WebAuthenticationDetail>
            <ClientDetail>
                <AccountNumber>XXXXXXXXXXXX</AccountNumber>
                <MeterNumber>XXXXXXX</MeterNumber>
            </ClientDetail>
            <TransactionDetail>
                <CustomerTransactionId>Ship_International_basic</CustomerTransactionId>
            </TransactionDetail>
            <Version>
                <ServiceId>ship</ServiceId>
                <Major>17</Major>
                <Intermediate>0</Intermediate>
                <Minor>0</Minor>
            </Version>
            <RequestedShipment>
                <ShipTimestamp>YYYY-MM-DDT12:34:56-06:00</ShipTimestamp>
                <DropoffType>REGULAR_PICKUP</DropoffType>
                <ServiceType>PRIORITY_OVERNIGHT</ServiceType>
                <PackagingType>YOUR_PACKAGING</PackagingType>
                <Shipper>
                    <AccountNumber>XXXXXXXXXXXX</AccountNumber>
                    <Contact>

```

```
<PersonName>Test</PersonName>
<CompanyName>XXXXXX</CompanyName>
<PhoneNumber>9822280721</PhoneNumber>
<EMailAddress>XXXXXX</EMailAddress>
</Contact>
<Address>
    <StreetLines>Test    Sender Address Line1</StreetLines>
    <City>City</City>
    <StateOrProvinceCode>XX</StateOrProvinceCode>
    <PostalCode>XXXXXX</PostalCode>
    <CountryCode>US</CountryCode>
</Address>
</Shipper>
<Recipient>
    <AccountNumber>XXXXXXXXXX</AccountNumber>
    <Contact>
        <PersonName>XXXXXX</PersonName>
        <CompanyName>XXXXXX</CompanyName>
        <PhoneNumber>9822280721</PhoneNumber>
        <EMailAddress>XXXXXX</EMailAddress>
    </Contact>
    <Address>
        <StreetLines>Recipient    Address Line 1</StreetLines>
        <StreetLines>Recipient    Address Line 2</StreetLines>
        <City>Collierville</City>
        <StateOrProvinceCode>TN</StateOrProvinceCode>
        <PostalCode>38017</PostalCode>
        <CountryCode>US</CountryCode>
    </Address>
</Recipient>
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    <PaymentType>SENDER</PaymentType>
    <Payor>
        <ResponsibleParty>
            <AccountNumber>XXXXXXXXXX</AccountNumber>
            <Contact>
                <PersonName>XXXXXX</PersonName>
                <EMailAddress>XXXXXX</EMailAddress>
            </Contact>
        </ResponsibleParty>
    </Payor>
</ShippingChargesPayment>
<SpecialServicesRequested>
    <SpecialServiceTypes>COD</SpecialServiceTypes>
    <CodDetail>
        <CodCollectionAmount>
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            <Amount>100.00</Amount>
        </CodCollectionAmount>
        <CollectionType>ANY</CollectionType>
    </CodDetail>
</SpecialServicesRequested>
<LabelSpecification>
    <LabelFormatType>COMMON2D</LabelFormatType>
    <ImageType>PNG</ImageType>
</LabelSpecification>
<RateRequestTypes>LIST</RateRequestTypes>
<PackageCount>1</PackageCount>
<RequestedPackageLineItems>
    <SequenceNumber>1</SequenceNumber>
    <Weight>
        <Units>LB</Units>
        <Value>40</Value>
    </Weight>
</RequestedPackageLineItems>
```

```

</Weight>
<Dimensions>
  <Length>5</Length>
  <Width>5</Width>
  <Height>5</Height>
  <Units>IN</Units>
</Dimensions>
<PhysicalPackaging>BAG</PhysicalPackaging>
<ItemDescription>Book</ItemDescription>
<CustomerReferences>
  <CustomerReferenceType>CUSTOMER_REFERENCE</CustomerReferenceType>
  <Value>NAFTA_COO</Value>
</CustomerReferences>
</RequestedPackageLineItems>
</RequestedShipment>
</ProcessShipmentRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

## 20.1.2 Multiple-Piece Shipment C.O.D. Elements

Table 139. Multiple-Piece Shipment C.O.D. Elements

Element	Package/Shipment Level	Description
SequenceNumber	Package	Required for multiple-piece shipments (MPS). Each C.O.D. shipment must contain a SequenceNumber. For example, the first package (also known as the master package) has a sequence number of 1. All additional packages are numbered sequentially. This number system is important because the master package carries shipment-level information.
MasterTrackingId	Package	Required for MPS. The reply for the first package (master package) in a C.O.D. shipment includes the MasterTrackingID element. This element includes both the MasterTrackingNumber and FormID. For each subsequent ship request for an MPS C.O.D., the MasterTrackingID (with MasterTrackingNumber and FormID) element is required.
MasterTrackingID/TrackingIDType	Package	Valid values are: <ul style="list-style-type: none"> <li>• EXPRESS</li> <li>• FREIGHT</li> <li>• GROUND</li> <li>• USPS</li> <li>• FEDEX</li> </ul>
PackageCount	Shipment	Total number of packages in the C.O.D. multiple-piece shipment. Include this element in the master package request.
TotalShipmentWeight	Shipment	Total shipment weight is added to the master package in the MPS and contains the total weight of all packages in the shipment.

## 20.1.3 Reply Elements

**Table 140. Multiple-Piece Shipment C.O.D. Reply Elements**

Element	Description
CompletedShipmentDetail/ MasterTrackingId/TrackingNumber	Returned in the reply for a single piece C.O.D. for Express shipping. Includes tracking number and form ID.
MasterTrackingId	Returned in the master package reply for an MPS C.O.D. Includes tracking number and form ID.
MasterTrackingID/TrackingIDType	Valid values are: <ul style="list-style-type: none"> <li>• EXPRESS</li> <li>• FREIGHT</li> <li>• GROUND</li> <li>• USPS</li> <li>• FEDEX</li> </ul>
Surcharge/SurchargeType	COD for C.O.D. surcharge amount for shipment.
SpecialServicesRequested/CodDetail /ReturnTrackingId	Optional. Returned in the reply only when used with multipiece COD shipments sent in multiple transactions. Required on last transaction only.
CompletedShipmentDetail /CompletedCodDetail /CollectionAmount	The amount to be collected for the shipment.
CompletedShipmentDetail/ CompletedCodDetail/AdjustmentType	Specifies the type of adjustment that was performed to the COD collection amount during rating.

*Note: Additional shipping options like Hazardous Materials and Shipment Notification are available for C.O.D. shipments. Information for each of these options is provided in the applicable topic. For MPS C.O.D. shipments, you may request additional options either on the package level or the shipment level:*

**Table 141. Additional Multiple-Piece Package/Shipment C.O.D. Options**

Shipping Option	Package vs. Shipment Level
Delivery Signature Options	Shipment
Hazardous Materials	Shipment
Dry Ice	Shipment
Reference Elements	Package
Shipment Notification	Shipment
Future Day	Shipment
Variable Handling Charge	Package

## 20.2 Ground E.C.O.D.

Use the FedEx Ground E.C.O.D. service option to receive funds within 24 to 48 hours after shipment delivery. Shippers receive monies via electronic funds transfer. Contact your FedEx account executive for more information about E.C.O.D.

E.C.O.D. is not available with FedEx Home Delivery service. You can ship either C.O.D. and/or E.C.O.D., but you cannot use both services simultaneously under the same meter number.

Available options with FedEx Ground E.C.O.D.:

- [FedEx\\_Priority\\_Alert\\_Options](#)
- Prepaid or third-party billing only
- Declared Value
- [Alcohol\\_Shipping](#)
- [FedEx\\_Home\\_Delivery\\_Convenient\\_Delivery\\_Options](#)
- [Masked\\_Data](#)

Shipping a FedEx Ground E.C.O.D. package requires three thermal labels. Label 1 must be affixed to the outside shipping container. Labels 2 and 3 must be placed in a FedEx Ground C.O.D. pouch (OP013 POUCH) and affixed to the outside shipping container. For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).



## 21. Dangerous Goods

Shipments with dangerous goods must be tendered to FedEx Express® in accordance with current International Air Transport Association (IATA) regulations for air transport and the FedEx Express Terms and Conditions. There are two types of dangerous goods.

Accessible dangerous goods may be shipped using:

- FedEx Priority Overnight®
- FedEx 1Day® Freight
- FedEx International Priority®
- FedEx International Priority® Freight
- FedEx International Economy®
- FedEx International Economy® Freight

Inaccessible dangerous goods may be shipped using:

- FedEx Priority Overnight
- FedEx Standard Overnight®
- FedEx 2Day®
- FedEx 2Day® A.M.
- FedEx Express Saver®
- FedEx 1Day Freight
- FedEx 2Day® Freight
- FedEx 3Day® Freight
- FedEx First Overnight® Freight
- FedEx International Priority
- FedEx International Priority Freight

To locate FedEx services that allow dangerous goods shipping for your origin/destination pair, use the Service Availability Service.

*Note: Dangerous goods shipping through FedEx Web Services is available for U.S. and C.A. origin shipments.  
HazMat shipping through FedEx Web Services is only available for U.S. origin shipments.*

It is the shipper's responsibility to identify, classify, package, mark, label, and complete documentation for dangerous goods according to all national and international governmental regulations. In addition, FedEx can only accept the Shipper's Declaration for Dangerous Goods in typed or computer-generated formats, not hand-written. The shipper must provide three copies of the completed Shipper's Declaration for Dangerous Goods, 1421C, for each shipment. The term "Dangerous Goods" applies to FedEx Express shipments only. For more information about dangerous goods, call **1.800.GoFedEx 1.800.463.3339** and press 81 to reach the Dangerous Goods/Hazardous Materials Hotline.

*Note: For FedEx Ground® services, these types of shipments are referred to as hazardous materials (HazMat) shipments.*

## 21.1 Dangerous Goods Service Details

The following shipping rules apply to dangerous-goods shipments:

- Dangerous goods cannot be shipped in FedEx Express packaging, with the exception of biological substances.
- Many FedEx drop-off locations cannot accept dangerous goods. Use the Locations Service WSDL to determine locations that accept dangerous goods.
- There are limitations for dangerous-goods shipments to Alaska, Hawaii, and many international destinations. Use the RateService WSDL to determine if your destination allows dangerous-goods handling.
- The federal government requires every shipper to have job-specific dangerous-goods training before tendering a dangerous-goods shipment to any air carrier. FedEx sponsors a number of seminars for which you can register online.
- FedEx packaging cannot be used for dangerous-goods shipments. Proper package marking and required documentation must be included before the FedEx courier will accept dangerous-goods shipments.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 21.1.1 Dangerous Goods Shipping Regulations

- Technical Name and Proper Shipping Name (PSN) Regulations:
  - When you enter a technical name for a UN ID that does not require a technical name and you have not duplicated or reproduced a PSN, a warning is displayed advising you that a technical name is not needed. This is just a warning and will not stop the shipment.
  - When you enter the PSN in the Technical Name Field (when the Technical Name is/is not required), a hard error will be displayed and the shipment will be stopped.
- PSN Qualifying Words: The following qualifying words can be added to the PSNs 1.) "solution" , 2.) "mixture", 3.) "molten", and 4.) "stabilized". This is printed at the end of the PSN on the Express DG Shippers Declaration.
- Globalization of Dangerous Goods Phone numbers: DG phone numbers—'Emergency Response Telephone Number' and 'Infectious Substance Responsible Party'—are modified for all Express Shipments regardless of the Origin/Destination pair of the shipment.

*Note: For error messages, see [Net Explosive Mass Error Information](#)*

### 21.1.2 Class 1 Net Explosive Mass

For certain Class 1 Dangerous Goods commodities (explosives), additional information is captured and printed on the Shipper's Declaration for Dangerous Goods Form. For Web Services this is the PDF formatted LZR DG DEC form (1421c).

The additional information is related to the net explosive mass. The following are the three new fields added to capture this additional information.

- Net Explosive Mass Abbreviation (NEM, NEC, NEQ, NEW)
- Net Explosive Mass Unit of Measure (g, kg)
- Net Explosive Mass Amount

Table 142. Net Explosive Mass Error Information

Error Code	Error Message	Error Condition
149	For commodity {COMMODITY_INDEX} within container {CONTAINER_INDEX}	A DG commodity is Class 1 and the NetExplosiveDetail is not provided in the request.

	within package {PACKAGE_INDEX} the NetExplosiveDetail type, amount and units are required.	
150	The hazard class is not valid with the NetExplosiveDetail information for commodity {COMMODITY_INDEX} within Container {CONTAINER_INDEX} within package {PACKAGE_INDEX}.	The DG commodity is not Class 1 and NEM details are provided.
151	The NetExplosiveDetail amount must be greater than zero for commodity {COMMODITY_INDEX} within container {CONTAINER_INDEX} within package {PACKAGE_INDEX}.	The DG commodity in a container has a hazardClass of 1 and the net explosive amount is zero.
152	For commodity {COMMODITY_INDEX} within container {CONTAINER_INDEX} within package {PACKAGE_INDEX} the Net Explosive amount must be less than or equal to the associated quantity amount.	The DG commodity in a container has a hazardClass of 1 and The NEM amount provided is equal to or greater than the DG commodity amount.
153	NetExplosiveDetail units must be g or kg for commodity {COMMODITY_INDEX} within container {CONTAINER_INDEX} within package {PACKAGE_INDEX}.	The DG commodity has a hazardClass of 1.x and the NEM unit of measure is not provided in g or kg.
154	NetExplosiveDetail type is invalid for commodity {COMMODITY_INDEX} within container {CONTAINER_INDEX} within package {PACKAGE_INDEX}.	The DG commodity is Class 1 and netExplosiveDetail. Type is not a valid value ("NET_EXPLOSIVE_CONTENT", "NET_EXPLOSIVE_MASS", "NET_EXPLOSIVE_QUANTITY", "NET_EXPLOSIVE_WEIGHT").
155	Quantity units must be provided in g or kg for commodity {COMMODITY_INDEX} within container {CONTAINER_INDEX} within package {PACKAGE_INDEX}.	The DG commodity is Class 1 and HazardousCommoditiesQuantityDetail.units received in the request are not in g or kg and NetExplosiveDetail is present.
156	The hazard class derived from regulation data is not valid with Net Explosive Detail for commodity {COMMODITY_INDEX} within container {CONTAINER_INDEX} within package {PACKAGE_INDEX}.	The class provided in the request does not match the class in the IATA file for a UNID. For example, if the class that is passed in is 1.x but the class in the IATA file is different from 1.x and Net Explosive detail is present.

## 21.2 Dangerous Goods Coding Details

The following ShipService WSDL elements are available for dangerous goods:

**Table 143. Dangerous Goods Coding Details Elements**

Element	Requirements
RequestedPackageLineItems/ SpecialServicesRequested/SpecialServiceTypes	Specify DANGEROUS_GOODS.
/DangerousGoodsDetail	The descriptive data required for a FedEx shipment containing dangerous goods (hazardous materials).
/DangerousGoodsDetail/Regulation	<p>Identifies the source of regulation for hazardous commodity data.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• ADR</li> <li>• DOT</li> <li>• IATA</li> <li>• ORMD</li> </ul>
/DangerousGoodsDetail/Accessibility	<p>Identifies whether or not the products being shipped accessible or inaccessible during delivery.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• ACCESSIBLE</li> <li>• INACCESSIBLE</li> </ul>
/DangerousGoodsDetail/Cargo AircraftOnly	Optional. Shipment is packaged and documented for movement on cargo aircraft only.
/DangerousGoodsDetail/Options	<p>Indicates which kinds of hazardous content are in the current package.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• HAZARDOUS_MATERIALS: Package contains hazardous materials requiring complete documentation, using HazardousCommodityDescription data. Batteries with 5 grams or more of lithium should also be labeled HAZMAT. See Chapter 13: Hazardous Materials (FedEx Ground U.S.) for more information.</li> <li>• LIMITED_QUANTITIES_COMMODITES:</li> <li>• BATTERY: Package contains batteries with nonhazardous quantities of lithium. Nonhazardous batteries contain less than 5 grams of lithium. HazMat batteries contain 5 grams or more of lithium and will be treated as hazardous materials.</li> <li>• ORM_D/Limited Quantity: Package contains other regulated materials for U.S. shipping.</li> <li>• SMALL_QUANTITY_EXCEPTION: Package contains hazardous content in excepted quantities.</li> <li>• REPORTABLE_QUANTITIES: Package contains hazardous materials in an amount that needs to be reported.</li> </ul>
/DangerousGoodsDetail/Packing Option	Indicates whether there is additional customer provided packaging enclosing the approved

	<p>dangerous goods containers.</p> <p>Valid value is:</p> <p>OVERPACK</p>
/DangerousGoodsDetail/ReferenceID	Identifies the configuration of this dangerous goods package. The common configuration is represented at the shipment level.
/DangerousGoodsDetail/Containers	Indicates one or more containers used to pack dangerous goods commodities.
Containers/PackingType	<p>Indicates whether there are additional inner receptacles within this container.</p> <p>Valid value is:</p> <p>ALL_PACKED_IN_ONE</p>
Containers/ContainerType	Indicates the type of this dangerous goods container, as specified by the IATA packing instructions. For example, steel cylinder, fiberboard box, plastic jerrican and steel drum.
Containers/RadioactiveContainerClass	<p>Indicates the packaging type of the container used to package the radioactive materials.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• EXCEPTED_PACKAGE</li> <li>• INDUSTRIAL_IP1</li> <li>• INDUSTRIAL_IP2</li> <li>• INDUSTRIAL_IP3</li> <li>• TYPE_A</li> <li>• TYPE_B_M</li> <li>• TYPE_B_U</li> <li>• TYPE_C</li> </ul>
Containers/NumberOfContainers	Indicates the number of occurrences of this container with identical dangerous goods configuration.
Containers/HazardousCommodities	Documents the kinds and quantities of all hazardous commodities in the current container.
Containers/HazardousCommodities/HazardousCommodityContent/Description	Identifies and describes an individual hazardous commodity.
/Description/Id	Regulatory identifier for a commodity (e.g. "UN ID" value).
/Description/SequenceNumber	In conjunction with the regulatory identifier, this field uniquely identifies a specific hazardous materials commodity.
/Description/PackingGroup	Identifies IATA packing group for a hazardous commodity.
/Description/PackingDetails	Specifies documentation and limits for validation of an individual packing group/category.

/Description/ReportableQuantity	The quantity of the hazardous material which, when shipped, requires release notification to the U.S. Nuclear Regulatory Commission (NRC).
/Description/ProperShippingName	Hazardous material proper shipping name. Up to three description lines of 50 characters each are allowed for a HazMat shipment.
/Description/TechnicalName	Hazardous material technical name.
/Description/Percentage	Specifies the percentage for the hazardous commodity.
/Description/HazardClass	IATA hazardous material class or division.
/Description/SubsidiaryClasses	Hazardous material subsidiary classes.
/Description/LabelText	IATA diamond hazard label type. Can also include limited quantity or exemption number.
/Description/ProcessingOptions	Indicates any special processing options to be applied to the description of the dangerous goods commodity.
/Description/Authorization	Information related to quantity limitations and operator or state variations as may be applicable to the dangerous goods commodity.
Containers/HazardousCommodities HazardousCommodityContent/Quantity	Specifies the amount of the commodity in alternate units.
Containers/HazardousCommodities HazardousCommodityContent/InnerReceptacles	This describes the inner receptacle details for a hazardous commodity within the dangerous goods container.
Containers/HazardousCommodities HazardousCommodityContent/Options	Customer-provided specifications for handling individual commodities.
Containers/HazardousCommodities HazardousCommodityContent/RadionuclideDetail	Specifies the details of any radioactive materials within the commodity.
/DangerousGoodsDetail/Packaging	Describes the commodity packaging as used on OP-900 and OP-950 forms for FedEx Ground shipping of hazardous materials. See <a href="#">Hazardous Materials FedEx Ground U S</a> for more information.
/DangerousGoodsDetail/Signatory	Specifies the name, title and place of the signatory responsible for the dangerous goods shipment. Valid values are: <ul style="list-style-type: none"><li>• ContactName</li><li>• Title</li><li>• Place</li></ul>
/DangerousGoodsDetail/EmergencyContactNumber	Telephone number to use for contact in the event of an emergency.

/DangerousGoodsDetail/Offeror	Offeror's name or contract number per DOT regulation.
/DangerousGoodsDetail /InfectiousSubstanceResponsibleContact	Specifies the contact of the party responsible for handling the infectious substances, if any, in the dangerous goods shipment.
/DangerousGoodsDetail/AdditionalHandling	Specifies additional handling information for the current package.
/DangerousGoodsDetail/RadioactivityDetail	Specifies the radioactivity detail for the current package, if the package contains radioactive materials.  Valid values are: <ul style="list-style-type: none"><li>• TransportIndex</li><li>• SurfaceReading</li><li>• CriticalitySafetyIndex</li><li>• Dimensions</li></ul>

*Note: For details about creating a Shipper's Declaration for Dangerous Goods form, see the Shipping Document Service section.*

## 21.2.1 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.



## 22. Hazardous Materials (FedEx Ground U.S.)

FedEx Web Services supports FedEx Ground® hazardous materials (HazMat) shipping under 49CFR – FedEx Ground regulations.

*Note: For FedEx Express® services, these types of shipments are referred to as Dangerous Goods.*

### 22.1 Hazardous Materials Service Details

The following service details apply to hazardous materials shipments:

- Ship, rate, and track services are available for Dangerous Goods shipments for HazMat, ORM-D/Limited Quantity, Dry Ice, Small Quantity Exception and HazMat/NonHazMat Battery.
- FedEx Ground provides reliable delivery of hazardous materials in all U.S. states except Alaska and Hawaii.
- FedEx Ground HazMat weight is limited to 70 lbs.
- If you have not shipped hazardous materials with FedEx Ground before, contact your FedEx account executive first. FedEx needs to confirm that you have met government training requirements and can generate the documentation your shipments need.
- Additional information regarding hazardous materials shipping is provided at <http://www.fedex.com/us/services/options> under the Hazardous Materials link.
- OP-900LL and OP-900LG forms are returned in the shipment reply. See the Shipping Document Service for more information.
- OP-950, the Shipper's Hazardous Materials Certification report, prints after a successful FedEx Ground close. See the Shipping Document Service for more information.
- HazMat shipments must be single package. If you create a multiple-package HazMat shipment, only one commodity prints on the OP-950.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 22.2 Hazardous Materials Coding Details

In addition to the basic elements required for a FedEx Ground ship request using the ShipService WSDL, the following elements are required to create a HazMat ship request:

**Table 144. Hazardous Materials Elements**

Element	Description
SpecialServicesRequested/ DangerousGoodsDetail/Options	Set to HAZARDOUS_MATERIALS.
SpecialServicesRequested /DangerousGoodsDetail/Containers/HazardousCommodities	Describes the kinds and quantities of all hazardous commodities in the package, including customer-specified options for handling and regulatory identifiers.
HazardousCommodities/ Description	Identifies and describes an individual hazardous commodity.

Description/Id	Hazardous material regulatory commodity identifier referred to as Department of Transportation (DOT) location ID number (UN or NA).
Description/SequenceNumber	In conjunction with the regulatory identifier, this field uniquely identifies a specific hazardous materials commodity.
/Description/PackingGroup	Hazardous material packaging group. Valid values are: DEFAULT I II III
Description/PackingDetails	Specifies documentation and limits for validation of an individual packing group/category.
Description/PackingDetails /PackingInstructions	Coded specification for how commodity is to be packed.
Description/ReportableQuantity	Specifies the reportable quantity for the hazardous commodity
Description/ProperShippingName	Hazardous material proper shipping name. Up to three description lines of 50 characters each are allowed for a HazMat shipment. These description elements are formatted on the OP950 form in 25-character columns (up to 6 printed lines).
Description/TechnicalName	Hazardous material technical name.
Description/Percentage	Specifies the percentage for the hazardous commodity
Description/HazardClass	DOT hazardous material class or division.
Description/SubsidiaryClasses	Hazardous material subsidiary classes.
Description/LabelText	DOT diamond hazard label type. Can also include limited quantity or exemption number.
Description/ProcessingOptions	Specifies any special processing to be applied to the dangerous goods commodity description validation. Valid value is: INCLUDE_SPECIAL_PROVISIONS
Description/Authorization	Information related to quantity limitations and operator or state variations as may be applicable to the dangerous goods commodity.

HazardousCommodities/Quantity	Specifies the amount of the commodity in alternate units.
Quantity/Amount	Number of units of the type specified in "Units."
Quantity/Units	Units by which the hazardous commodity is measured. For IATA commodity, the units values are restricted based on regulation type.
Quantity/QuantityType	Specifies which measure of quantity is to be validated.
HazardousCommodities/InnerReceptacles	Describes the inner receptacle details for a hazardous commodity within the dangerous goods container.
InnerReceptacles/Quantity	Specifies the quantity contained in the inner receptacle.
HazardousCommodities/Options	Customer-provided specifications for handling individual commodities.
Options/LabelTextOption	Specifies how the customer wishes the label text to be handled for this commodity in this package.
Options/CustomerSuppliedLabelText	Text used in labeling the commodity under control of the LabelTextOption field.
HazardousCommodities/RadionuclideDetail	Specifies the details of any radio active materials within the commodity.
RadionuclideDetail/Radionuclide	An atom with an unstable nucleus.
RadionuclideDetail/Activity	The number of radioactive decays per second.
Activity/Value	The data content of this instance.
Activity/UnitOfMeasure	Valid values are: <ul style="list-style-type: none"><li>• BQ</li><li>• GBQ</li><li>• KBQ</li><li>• MBQ</li><li>• PBQ</li><li>• TBQ</li></ul>
RadionuclideDetail/ExceptedPackagingIsReportableQuantity	Indicates whether packaging type EXCEPTED or EXCEPTED_PACKAGE is for radioactive material in reportable quantity.
RadionuclideDetail/PhysicalForm	Valid values are: <ul style="list-style-type: none"><li>• GAS</li></ul>

	<ul style="list-style-type: none"> <li>• LIQUID</li> <li>• SOLID</li> <li>• SPECIAL</li> </ul>
RadionuclideDetail/ChemicalForm	—
SpecialServicesRequested/ DangerousGoodsDetail/ EmergencyContactNumber	Telephone number to use for contact in the event of an emergency.
SpecialServicesRequested /DangerousGoodsDetail/Offeror	Shipper name (offeror) or contact number. Required on all shipping papers, including OP-900LL, OP-900LG forms, and Hazardous Materials Certification per DOT regulation.

*Note: Hazardous material must be specified at the package level, not at the shipment level. For more information regarding DOT requirements for hazardous material elements, go to <http://www.fedex.com/us/services/options/hazmat>.*

## 22.2.1 Hazardous Materials Reply Elements

Table 145. Hazardous Materials Reply Elements

Element	Description
CompletedPackageDetail/HazardousPackageDetail	Documents the kinds and quantities of all hazardous commodities in the current package, using updated hazardous commodity description data.
HazardousPackageDetail/ReferenceID	A unique reference id that matches the package to a package configuration. This is populated if the client provided a package configuration for several packages that have the exact same dangerous goods content.
HazardousPackageDetail/Accessibility	
HazardousPackageDetail/CargoAircraftOnly	When true indicates that the package can be transported only on a cargo aircraft.
HazardousPackageDetail/RadioactiveTransportIndex	Specifies the maximum radiation level from the package (measured in microSieverts per hour at a distance of one meter from the external surface of the package, divided by 10).
HazardousPackageDetail/LabelType	<p>Specifies the label that is to be put on a package containing radioactive material. The label type is determined in accordance with the Transportation of Dangerous Goods Act and indicates the type of radioactive material being handled as well as the relative risk.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• III_YELLOW</li> <li>• II_YELLOW</li> </ul>

	<ul style="list-style-type: none"> <li>• I_WHITE</li> </ul>
HazardousPackageDetail/Containers	Documents the kinds and quantities of all hazardous commodities in the current package.
Containers/QValue	Indicates that the quantity of the dangerous goods packaged is permissible for shipping. This is used to ensure that the dangerous goods commodities do not exceed the net quantity per package restrictions.
Containers ValidatedHazardousContainer/ HazardousCommodities	Documents the kinds and quantities of all hazardous commodities in the current package.

## 22.2.2 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.

## 22.2.3 Error Messages

For error messages, see *Appendix O: Error Code Messages* section of the *Web Services Developer Guide*



## 23. Alcohol Shipping

Before you process shipments containing alcohol, review the following information:

- You must sign a FedEx Alcohol Shipping Agreement prior to shipping. Contact your FedEx account executive to start the enrollment process.
- You must identify alcohol shipments in the description. This applies to all pieces in a multiple piece shipment and must be done for the first pieces in the shipment.

*Note: If Alcohol special service is not specified for the first package in the shipment, but is specified for a subsequent package in the shipment, then the transaction will fail for all pieces.*

- Common carriers, such as FedEx Express® and FedEx Ground® must report alcohol shipping activity to state authorities on a regular basis. For this reason, shippers must notify FedEx of each shipment containing alcohol via their electronic FedEx shipping solution *and* by applying FedEx alcohol shipping labels and by attaching an extra Alcohol sticker (which will reflect the verbiage 'Alcohol') to each package. You can get these stickers from your FedEx Sales Account Executive.
- FedEx will assign the Adult Signature Required signature option to the package (ship, rate, and email return transactions).
- FedEx will apply the associated Adult Signature Required surcharge to the package (ship, rate, and email return transactions).
- State law, as well as FedEx policy, requires an adult signature at the time of delivery for every package containing alcohol. It is the shipper's responsibility to ensure an adult is available to sign for the shipment at delivery. If a shipper fails to follow the procedures outlined herein, the shipment will be deemed undeliverable. Violations may result in suspension or termination of your FedEx account.
- FedEx is managing and maintaining alcohol shipper information and FedEx carrier (OpCo) information to prevent the entry of unauthorized packages from approved alcohol shippers into the FedEx Express and Ground networks through Automation controls. This effort is designed to assist FedEx in meeting regulatory obligations and allow the company to respond more quickly to regulatory changes.

For more information about alcohol shipping, go to [fedex.com/us/wine/gettingstarted.html](http://fedex.com/us/wine/gettingstarted.html).

FedEx accepts shipments of alcohol (beer, wine, and spirits) within the U.S. and for both U.S. import and export when the shipper and the recipient are licensed to import and/or export alcohol.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 23.1 Alcohol Shipping Coding Details

The following ShipService WSDL and RateService WSDL elements are available for alcohol shipping:

**Table 146. Alcohol Shipping Elements**

Element	Requirements
RequestedPackageLineItems/ SpecialServicesRequested/SpecialServiceTypes	Specify ALCOHOL
Reply/CompletedShipmentDetail/ CompletedPackageDetails/SignatureOption	FedEx assigns ADULT.
Reply/CompletedShipmentDetail/	FedEx assigns SIGNATURE_OPTION.

CompletedPackageDetails/ PackageRating/PackageRateDetails/ Surcharges/SurchargeTypes	
ProcessShipmentRequest/ RequestedShipment/RequestedPackageLineItems/ SpecialServicesRequested/AlcoholDetail	Specifies details for package containing alcohol
ProcessShipRequest/RequestedShipments/ LabelSpecification/CustomerSpecifiedDetail/ RegulatoryLabels/Type	The value is ALCOHOL_SHIPMENT_LABEL
ProcessShipRequest/RequestedShipments/ LabelSpecification/CustomerSpecifiedDetail/ RegulatoryLabels/GeneralOptions	Defines how to print the regulatory label in relation to the main shipping label. Valid values are: CONTENT_ON SHIPPING LABEL ONLY CONTENT_ON SHIPPING LABEL PREFERRED CONTENT_ON SUPPLEMENTAL LABEL ONLY
Alcohol Detail/ RecipientType	The license type that the recipient of the alcohol package. Valid values are: <ul style="list-style-type: none"><li>• CONSUMER</li><li>• LICENSEE</li></ul>

### 23.1.1 Sample SEL-169 Labels

Figure 3. Sample SEL-169 Labels

## Special Delivery Instructions

**This package contains ALCOHOL  
Adult Signature Required - Check ID  
Recipient Must be at least 21 years old**  
Do not deliver to an intoxicated person  
No signature release, driver release or indirect delivery allowed

**Shipper certifies that this shipment complies with:**

- all FedEx requirements
- all applicable government laws/regulations, including all requirements related to delivery in the destination state.



SEL169 3/04

Figure 4. Example for Standard Exception Label 169

ORIGIN ID: (901) 555-5555  
SHIPPER NAME  
SHIPPER COMPANY  
STREET LINE1  
STREET LINE2  
MEMPHIS, TN 38017  
UNITED STATES US

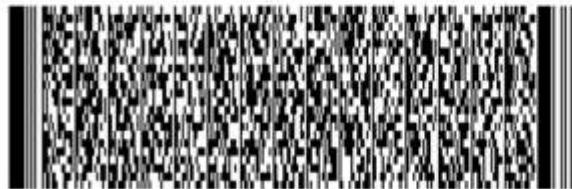
SHIP DATE: 23MAR07  
ACTWGT: 10.0 LBS MAN  
CAD: 748654/FAST05  
DIMS: 1x2x3  
BILL SENDER

TO RECIPIENT NAME  
RECIPIENT COMPANY  
STREET LINE 1  
**\*\*TEST LABEL - DO NOT SHIP\*\***  
**MEMPHIS TN 38125**

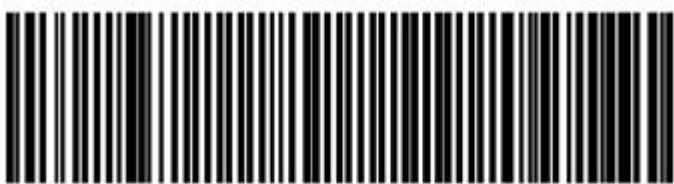
(901) 555-5555  
INV: SDGV/FDVGGYUDFG1234567890123456  
PO: SDGV/FDVGGYUDFG1234567890123456

RMA: THIS IS RMA # TESTIN  
DEPT: SDGV/FDVGGYUDFG1234567890123456

LLLL NNNNNN DDDMMYY HHMMNNNN



1111X of 222      12TUE - 20 OCT AAX  
2XXX 1234 1234 1234XXX      INTERNATIONAL FIRST  
3XXX 4Mstr# 5678 1234 123L12      11XX 14NO AIR DSR HAL  
5XX MLIA      6X2 15XXXX5277  
                    16IA - 17X



Special Delivery Instructions

This package contains ALCOHOL

Adult Signature Required-Check ID

Do not deliver to an intoxicated person

No signature release, driver release or indirect delivery allowed

Shipper certifies that this shipment complies with:

-all FedEx requirements

-all applicable government laws/regulations, including all requirements related to delivery in the destination state.

Figure 5. Label that includes the standard SEL 169 text at the bottom of the shipping label



Figure 6. Sample Label that includes the standard SEL 169 text as a supplemental label

### Special Delivery Instructions

**This package contains ALCOHOL  
Adult Signature Required-Check ID  
Recipient Must be at least 21 years old**

Do not deliver to an intoxicated person  
No signature release, driver release or indirect delivery allowed

**Shipper certifies that this shipment complies with:**

- all FedEx requirements
- all applicable government laws/regulations, including all requirements related to delivery in the destination state.

## 23.2 Alcohol Service Codes

FedEx is currently at high risk to regulatory enforcement and service disruptions due to allegedly non-compliant alcohol packages being delivered and/or inaccurately reported to state agencies. Therefore, new Ground service codes and an Express Handling code have been introduced to mitigate this risk.

### 23.2.1 Allowed Services for Alcohol Service

The following OpCo's and services are eligible for Alcohol Service:

- FedEx Express Parcel and Freight services:
  - First Overnight
  - Priority Overnight
  - Standard Overnight
  - 2 Day
  - 2 Day AM
  - Express Saver
  - FO Express Freight
  - 1 Day Freight
  - 2 Day Freight
  - 3 Day Freight
- FedEx Ground and Home Delivery services

### 23.2.2 Exclusions for Alcohol Service

- FedEx SmartPost shipments are not eligible for Alcohol Service.
- FedEx Freight (LTL) shipments are not eligible for Alcohol Service.
- FedEx SameDay shipments are not eligible for Alcohol Service.
- Transborder Distribution shipments are not eligible for Alcohol Service.
- International and non US-domestic services are not eligible for Alcohol Service.
- Shippers that have not been authorized as an approved alcohol shipper by FedEx.
- Alcohol shipments are not allowed to be tendered to FedEx at a Drop Box.
- Alcohol shipments using Express Package services require an Adult Signature Option.
- Alcohol shipments using Express Freight services require Direct Signature Option.

### 23.2.3 Ground Service Conflicts - the following will no longer be allowed

- FedEx Ground HazMat and Alcohol cannot be shipped together.
- FedEx Ground ORM-D/Limited Quantity and Alcohol cannot be shipped together.
- FedEx Ground Currency COD/ECOD Collection Type and Alcohol cannot be shipped together.
- FedEx Express Inaccessible Dangerous Goods and Alcohol cannot be shipped together.

### 23.2.4 Allowed Return Options for Alcohol Service

The following Return products are eligible for Alcohol Service:

- Print Return Label
- Email Return Label

For more information about alcohol shipping, go to [fedex.com/us/wine/gettingstarted.html](http://fedex.com/us/wine/gettingstarted.html).

FedEx accepts shipments of alcohol (beer, wine, and spirits) within the U.S. and for both U.S. import and export

when the shipper and the recipient are licensed to import and/or export alcohol.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).



## 24. Hold at FedEx Location

Hold at FedEx Location (HAL) is available to customers who want to pick up a package rather than have it delivered. The shipper must select the FedEx pickup location from designated FedEx Office® Print and Ship Center or FedEx World Service Center® locations. You must first use the Locations Service WSDL to locate FedEx locations to use with the Hold at FedEx Location option.

### 24.1 Hold at FedEx Location Service Details

The following shipping services allow the HOLD\_AT\_LOCATION option:

- FedEx Priority Overnight® (Saturday service available)
- FedEx Standard Overnight®
- FedEx 2Day® (Saturday service available)
- FedEx 2Day® A.M.
- FedEx Express Saver®
- FedEx 1Day® Freight
- FedEx 2Day® Freight
- FedEx 3Day® Freight
- FedEx Ground®
- FedEx Home Delivery®

Hold at FedEx Location service is also available for certain international shipments. Services include FedEx International Priority®, FedEx International Economy®, FedEx International Priority® Freight and FedEx International Economy® Freight. Call **1.800.GoFedEx 1.800.463.3339** and say “International Services” to confirm pickup date and time. The service is not available for FedEx SameDay® or FedEx First Overnight®. Saturday Hold at FedEx Location Services is available for FedEx Priority Overnight and FedEx 2Day. Saturday Hold at FedEx Location service is not available for FedEx Freight. Use Locations Service to determine if Hold at FedEx Location and Redirect to Hold is available between your origin ZIP code and destination ZIP code.

For FedEx Express® and FedEx Ground® shipments, you also have the option of requesting Adult Signature Required for pickup at the FedEx location. The standard Adult Signature Surcharge applies.

*Note: Hold at FedEx Location service is not available for intra-United Kingdom shipments.*

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

#### 24.1.1 Hold at FedEx Location Coding Details

The following ShipService WSDL elements are required for Hold at FedEx Location:

**Table 147. Hold at FedEx Location Elements**

Element	Description
RequestedShipment/	For the Hold At FedEx Location service, you must include a SpecialServiceTypes element with the value

SpecialServicesRequested/ SpecialServiceTypes	HOLD_AT_LOCATION.  <i>Note: A Hold At FedEx Location Saturday Delivery indication can be implemented by setting the SpecialServicesRequested/SpecialServiceTypes to be both HOLD_AT_LOCATION and SATURDAY_DELIVERY.</i>
RequestedShipment/ SpecialServicesRequested/ HoldAtLocationDetail/PhoneNumber	When your Hold at FedEx Location shipment is received at the designated FedEx location, you will be notified that your shipment is ready to be picked up.
RequestedShipment/ SpecialServicesRequested/ HoldAtLocationDetail/ LocationContactAndAddress/Contact	The contact information.
RequestedShipment/ SpecialServicesRequested/ HoldAtLocationDetail/ LocationContactAndAddress/Address	The FedEx location address where you want to have your shipment held for pickup is required in the ship transaction. For a list of available FedEx locations, use the FedEx Locations Service to search for FedEx locations where Hold at FedEx Location service is available. You must obtain the eligible Location Address from the Locations WSDL and populate this element with the data found in the SearchLocationsReply element.

#### 24.1.1.1 Error Messages

For error messages, see *Appendix O: Error Code Messages* section of the *Web Services Developer Guide*.

## 24.2 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.



## 25. Dry Ice Shipments

FedEx Web Services can be used to ship packages containing dry ice, as long as the specifics for the dry ice shipment are included in the shipping transaction. Dry ice is considered a [Dangerous Goods](#) material. For more information about dry ice, call 1.800.GoFedEx 1.800.463.3339 and press 81 to reach the FedEx Dangerous Goods / Hazardous Materials Hotline.

### 25.1 Dry Ice Service Details

The following shipping rules apply to dry ice shipments:

- Dry ice shipping through FedEx Web Services is allowed for FedEx Express® U.S. shipments, FedEx International Economy® U.S. shipments, FedEx International Economy® Freight U.S. shipments, FedEx Ground® U.S. shipments and Canada origin FedEx Express international shipments.
- Dry ice weight must be submitted in kilograms.
- The weight entered for dry ice must be less than the total weight of the shipment.
- FedEx Ground is used to ship dry ice weighing 70 lbs. or more.
- Dry ice is considered [Dangerous Goods](#) material and requires [Dangerous Goods](#) elements for shipping..

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 25.2 Dry Ice Coding Details

The following ShipService WSDL elements are required for dry ice:

**Table 148. Dry Ice ShipService WSDL Elements**

Element	Description
RequestedPackages/SpecialServicesRequested/ SpecialServiceTypes	Identifies the special service type at the package level. For dry ice packages, the valid value is: DRY_ICE
RequestedShipment/SpecialServicesRequested/ SpecialServiceTypes	Identifies the special service type at the shipment level. For dry ice packages, the valid value is: DRY_ICE
RequestedPackages/SpecialServicesRequested/ DryIceWeight	Descriptive data required for a FedEx shipment containing dry ice. Descriptive data includes Weight and Units in KGs.  This element is required when SpecialServiceType DRY_ICE is present in the SpecialServiceTypes collection at the package level.
RequestedShipment/SpecialServicesRequested/ ShipmentDryIceDetail/PackageCount	Number of packages in this shipment which contain dry ice.
RequestedShipment/SpecialServicesRequested/ ShipmentDryIceDetail/TotalWeight	Descriptive data or total weight of the dry ice for this shipment.  Descriptive data includes Units, in KGs, and Value.

## 25.2.1 Error Messages

For error messages, see *Appendix O: Error Code Messages* section of the *Web Services Developer Guide*.

## 25.2.2 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.



## 26. Shipment Notification in the Ship Request

Notification may be included in the ShipService or requested after shipping through TrackService SendNotificationsRequest. The ShipService ShipmentSpecialServicesRequested/EmailNotificationDetail element allows you to request that FedEx email exception and delivery notifications be sent to you, your recipient, and up to six (6) other email addresses. A personal message can also be included.

*Note: Shipment Notification emails are not sent for ship transactions in a Test environment, even if the request is configured correctly. Email Notifications are not supported/returned in the FedEx Test Environment.*

In addition to the current email notifications of “On Delivery,” “On Exception,” and “On Shipment,” FedEx now offers a new email notification of “On Tender,” which may be specified with the shipment request, in addition to the existing “Delivery,” “Exception,” and “Shipment” email notifications. Use the “On Tender” email notification if you want an email notification sent to the specified recipients once the shipment has been tendered to FedEx.

This notification is supported for FedEx Express®, FedEx Ground®, FedEx Freight® Economy, and FedEx SmartPost®.

*Note: If you include notification elements in your Ship request, you do not need to use the TrackService Notification option for that shipment. The TrackService Notification option is provided if no notification request has been made for an undelivered shipment.*

### 26.1 Shipment Notification Coding Details

In addition to the standard elements required for all transactions described in the [Introduction](#), the following elements are provided as part of the ShipService WSDL:

#### 26.1.1 Shipment Notification Elements

Table 149. Shipment Notification Elements

Element	Required	Description
RequestedShipment/ SpecialServicesRequested/ SpecialServiceTypes	Required	Set type as EMAIL_NOTIFICATION.
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail	Required	Descriptive data required for FedEx to provide email notification to the customer regarding the shipment. This element is required when SpecialServiceType. EMAIL_NOTIFICATION is present in the SpecialServiceTypes collection.
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/PersonalMessage	Optional	Identifies the message text to be sent in the email notification.

RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients	Required	Up to six (6) email addresses to receive the specified shipment notification.
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/ EmailNotificationRecipient	Optional	<p>Identifies the set of valid email notification recipient types. For SHIPPER, RECIPIENT, and BROKER, any email address sent with the email notification for these three email notification recipient types will overwrite the email addresses associated with the SHIPPER, RECIPIENT, and BROKER definitions.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• BROKER</li> <li>• OTHER</li> <li>• RECIPIENT</li> <li>• SHIPPER</li> <li>• THIRD_PARTY</li> </ul>
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/ EmailAddress	Required	The email address of the notification recipient.
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/ EMailNotificationAggregationType	Optional	Specifies whether/how email notifications are grouped. Valid values are: <ul style="list-style-type: none"> <li>• PER_PACKAGE</li> <li>• PER_SHIPMENT</li> </ul>
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/ NotificationEventsRequested/ EmailNotificationEventType	Required	<p>Identifies if an email notification should be sent to the recipient:</p> <ul style="list-style-type: none"> <li>• ON_DELIVERY</li> <li>• ON_EXCEPTION</li> <li>• ON_SHIPMENT</li> <li>• ON_TENDER</li> </ul>
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/ NotificationEventsRequested/ EmailNotificationEventType/ON_DELIVERY	Optional	Identifies if an email notification should be sent to the recipient when the package is delivered.
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/NotificationEventsRequested/ EmailNotificationEventType/ON_EXCEPTION	Optional	Identifies if an email notification should be sent to the recipient when an exception occurs during package movement from origin to destination.

RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/ NotificationEventsRequested/ EmailNotificationEventType/ON_SHIPMENT	Optional	<p>Identifies if an email notification should be sent to the recipient when the package is shipped.</p> <p><i>Note: Shipment Notification emails are not sent for ship transactions in a Test environment, even if the request is configured correctly.</i></p>
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/ON_TENDER	Optional	Identifies if an email notification should be sent to the recipient when the shipment is tendered to FedEx.
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/Format	Required	<p>This element is required to specify the type of notification you want to receive. Valid values are:</p> <ul style="list-style-type: none"> <li>• HTML</li> <li>• Text</li> <li>• Wireless</li> </ul>
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/Localization/Language	Required	You may include a language code to have the email message returned in that language. See "Tracking and Visibility Services" for a table of valid language codes. If no value is included with this element, the default is EN (English).
RequestedShipment/ SpecialServicesRequested/ EmailNotificationDetail/Recipients/Localization/LocaleCode	Optional	Some languages require a locale code to further identify the requested language. For example, if you request the notification emails in Spanish, you must include a locale code of "US" for North American Spanish. See <i>Notification Service Details</i> section of <i>Track Service</i> for a table of valid locale codes.



## 27. Variable Handling Charges

If your shipping operation charges handling fees in addition to shipping charges, FedEx Web Services allow you to add these handling fees to your total shipment charge. These charges are returned in the Ship reply and can be configured to print on the 4" x 6" thermal label Doc-Tab. See [Canada Export International](#) for more information.

*Note: Variable handling charges display as an individual itemized amount and follow shipments across FedEx systems.*

### 27.1 Variable Handling Coding Details

The elements required to add variable handling charges to your shipment rate quote are provided in the ShipService WSDL. The following table contains variable handling elements:

**Table 150. Variable Handling Elements**

Element	Required	Requirements
VariableHandlingChargeDetail/ RateTypeBasisType/RateTypeBasis		<p>The rate type. Valid values are:</p> <ul style="list-style-type: none"><li>• ACCOUNT: Uses the customer's account rate as the basis for the handling calculation.</li><li>• LIST: Uses the FedEx List rate as the basis for the handling calculation.</li></ul>
VariableHandlingChargeDetail/ RateElementBasisType/RateElementBasis	Required	<p>The charge upon which the variable handling amount is calculated. Valid values are:</p> <ul style="list-style-type: none"><li>• BASE_CHARGE: This value is the base transportation charge.</li><li>• NET_CHARGE_EXCLUDING_TAXES: This value is the net freight plus surcharges and taxes.</li><li>• NET_CHARGE_EXCLUDING_TAXES: This value is the net freight plus surcharges.</li><li>• NET_FREIGHT: This value is the base charge less discounts.</li></ul>
VariableHandlingChargeDetail	Required	<p>Valid values are:</p> <ul style="list-style-type: none"><li>• FIXED_AMOUNT: This value is used if you want to add a fixed handling charge to all shipments.</li><li>• PERCENTAGE_OF_NET_CHARGE: This value is used if you want to have a variable handling charge calculated on the entire net charge of the shipment, including all surcharges.</li><li>• PERCENTAGE_OF_NET_CHARGE_EXCLUDING_TAXES: This value is used if you are a Canada-origin shipper and want to exclude Canadian taxes from the variable handling charge net percentage.</li><li>• PERCENTAGE_OF_NET_FREIGHT: This value is used if you want to have the variable handling charge calculated as a percentage of the net freight charge, excluding any other surcharges levied on</li></ul>

		the shipment.
VariableHandlingChargeDetail/FixedValue	Conditional	If you choose FIXED_AMOUNT as the ChargeType, this element allows you to enter the fixed value of the handling charge. The element allows entry of 7 characters before the decimal and 2 characters following the decimal. For example: if you want to enter a fixed handling amount of \$5.00, enter 5.00 in the FixedValue element.
VariableHandlingChargeDetail/PercentValue	Conditional	If you choose one of the percentage handling charges in the VariableHandlingChargeType element, this element allows you to enter the percent value of the handling charge to be calculated. The element allows entry of 7 characters before the decimal and 2 characters following the decimal. For example, if you want to enter a variable handling amount of 10%, enter 10.00 in the PercentValue element.
VariableHandlingCharges/ VariableHandlingCharge	Optional	The variable handling charge amount calculated based on the requested variable handling charge detail.

*Note: Variable handling charges may be processed at shipment level or package level except for Express multiple piece shipments, which must be processed at the Shipment level.*

### 27.1.1 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.



## 28. Masked Data

In the ShipService WSDL, you can choose to have some data masked on the shipping label for security purposes. The shipper's account number is automatically masked.

### 28.1 Masked Data Coding Details

If the following element is included in the Ship request, your specified options will be masked on the shipping label:

**Table 151. Masked Data Coding Elements**

Element	Required	Description
MaskedData	No	MaskedData allows customers to prevent the following types of information from being printed on the label. Valid values are: <ul style="list-style-type: none"><li>• CUSTOMS_VALUE</li><li>• DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER</li><li>• TERMS_AND_CONDITIONS</li><li>• TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER</li></ul>

### 28.2 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.

### 28.3 Error Messages

For error messages, see *Appendix O: Error Code Messages* section of the *Web Services Developer Guide*.



## 29. Future Day Shipping

FedEx Web Services allows you to perform future day shipping for all supported FedEx shipping types.

### 29.1 Future Day Service Details

The following service details apply to future day shipping:

- Future day shipping is available for FedEx Express® U.S., FedEx Express® international, FedEx Ground® U.S., and FedEx International Ground® shipping between all origin and destination pairs supported by FedEx Web Services.
- FedEx Express packages may be created with a future ship date up to 10 days in advance. FedEx Freight® shipments can be created up to 5 days in advance.
- FedEx Ground future day shipments may be created up to 10 days in advance.
- You may delete future day shipments up until the ship date.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

*Note: The shipper's account number must be enabled for Extended Future Day. Once the account number is enabled, the customer may process a Ground or Express shipment for a ship date that's 15-45 days from the current date.*

### 29.2 Future Day Coding Details

The following ShipService WSDL elements are required to code a future day shipment:

**Table 152. Future Day Shipping Elements**

Element	Requirements
ShipmentSpecialServicesRequested/ SpecialServiceTypes	Future day shipping is considered a special service. For future day shipping, FUTURE_DAY_SHIPMENT must be included in the ship request.
ProcessShipmentRequest/ RequestedShipment/ShipTimestamp	The ShipTimestamp must be included in the Ship request. For future day shipping, the following parameters apply: <ul style="list-style-type: none"><li>• For Express shipping, entry must be less than or equal to 10 days in the future.</li><li>• For Express freight, entry must be less than or equal to 5 days in the future.</li></ul> The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T, such as 2009-06-26T17:00:00. The UTC offset indicates the number of hours/minutes, such as xx:xx, from UTC, such as 2009-06-26T17:00:00-04:00 is defined as June 26, 2009 5:00 p.m. Eastern Time. <i>See Appendix M: Time Zones section of Web Services</i>

| *Developer Guide* for more information about time zones . |

## 29.2.1 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.

## 29.2.2 Error Messages

For error messages, see the [Appendix O: Error Code Messages](#) section of the *Web Services Developer Guide* in the Support area of the Developer Resource Center at [fedex.com/developer](http://fedex.com/developer).



## 30. FedEx Ground U.S. Shipping

Use the Shipping service to access the FedEx Ground® U.S. shipping features.

See Shipping Services by Region for a list of FedEx Ground U.S. services available by region.

### 30.1 FedEx Ground U.S. Service Details

The following rules apply to FedEx Ground U.S. shipping:

- Shipments can originate from and be delivered to the 50 United States. Delivery between 1 to 5 business days within the contiguous U.S. and between 3 to 7 business days to and from Alaska and Hawaii.
- No Saturday pickup or delivery for FedEx Ground; shipping and delivery days are Monday through Friday (8 a.m. to close of business day). FedEx Ground delivery is not available to P.O. boxes.
- FedEx Ground accepts packages up to 150 lbs. The dimensions must not exceed 108" in length or 165" in length plus girth (L + 2W + 2H).
- HazMat shipments are allowed with restrictions. See [Hazardous Materials FedEx Ground U.S.](#) for details. No hazardous materials can be shipped to or from Alaska and Hawaii.
- If the package is to a business, the service type is FedEx Ground. If the package is to a residence, the service type is FedEx Home Delivery®. For information about FedEx Home Delivery, see [FedEx Home Delivery Service Details](#).

*Note: The shipper's account number must be enabled for Ground Residential functionality. Once the account number is enabled, the customer may specify a service type of Ground instead of Ground Home Delivery for a shipment weighing less than 70 pounds and destined to a residential address.*

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#). For more information on International Signature Options, see [Delivery Signature Options](#).

### 30.2 FedEx Ground U.S. Service Options

The following service options are available for use with FedEx Ground U.S. shipping:

- [Alternate Return Address](#)
- [Delivery Signature Options](#)
- [Future Day Shipping](#)
- [FedEx\\_Ground\\_U\\_S\\_Collect\\_On\\_Delivery\\_C\\_O\\_D.](#)
- [Hazardous Materials FedEx Ground U.S.](#)
- [Hold at FedEx Location](#)
- [FedEx\\_Home\\_Delivery\\_Service\\_Details](#)
- [Masked Data](#)
- [Shipment Notification in the Ship Request](#)
- [Variable Handling Charges](#)

### 30.3 FedEx Ground U.S. Coding Details

- Both commercial and residential shipments are allowed with FedEx Ground U.S. shipping. If you select

FedEx Ground as the shipping service but are shipping to a residential address, the Ship reply returns an error and you must select FedEx Home Delivery as the shipping service. If you are unsure about the residential status of an address, use the Address Validation Service to do a residential status check.

- You can bill shipping costs to your own account, your recipient's FedEx account, or a third-party FedEx account. You should always be sure you enter the appropriate FedEx account number if you want recipient or third-party billing. If the account number is missing or incorrect, you will be billed for the shipping costs.
- You can add reference elements to your Ship request that print on the shipping label, the customer invoice, or both. See the following tables for details.
- FedEx Ground shipments that exceed the published FedEx Ground limits are considered oversize shipments. A surcharge applies to any FedEx Ground package that measures greater than 60" in length but equal to or less than 108" in length. The oversize surcharge is returned in the Ship reply. For more information regarding oversize calculations, see the electronic [FedEx Service Guide](#).
- Nonstandard containers also incur an additional surcharge. The nonstandard container definition is:
  - A package not fully encased in an outer shipping container
  - A package encased in an outer shipping container made of wood
  - A drum or pail (less than 5 gallons) not fully encased in an outer shipping container made of corrugated cardboard
- FedEx Ground shipments may be created as multiple-package shipments (MPS). A multiple-package shipment consists of two or more packages shipped to the same recipient.

### 30.3.1 Required Elements

The following elements are available to ship a FedEx Ground U.S. package:

#### 30.3.1.1 Recipient Information

Table 153. Recipient Information Elements

Element	Multiple Occurrence	Description
CompanyName	No	Required. The name of the company associated with the recipient.
Contact	No	Required. The name of the person receiving the shipment.
StreetLines	No	Combination of number, street name, and so on. At least one line is required for a valid physical address; empty lines should not be included. Combination of number, street name, street type, and other defining attribute. At least one line is required for a valid physical address; empty lines should not be included. Multiple occurrence field.
City	No	Required. Name of the city or town of the recipient.
StateOrProvinceCode	No	Required. Identifying abbreviation for U.S. state or Canada province. Format and presence of this field will vary, depending on country. For more information, see <i>Appendix B: U.S. State Codes</i> and <i>Appendix C: Canada Province Codes sections of Web Services Developer Guide</i> .
PostalCode	No	Required. Identification of a region (usually small) for mail

		and package delivery. Format and presence of this field will vary, depending on country.
Country Code	No	Identifies the recipient country.
CountryName	No	Required. The fully spelled out name of a country.
PhoneNumber	No	Required. The recipient's phone number.
Residential	No	Optional. However, if you ship to a residential address and do not include the Residential element, your rate quote will be incorrect.

### 30.3.1.2 Billing

Table 154. Billing Elements

Element	Multiple Occurrence	Description
ShippingChargesPayment/PaymentType	No	Required. Values are: <ul style="list-style-type: none"> <li>• ACCOUNT</li> <li>• COLLECT</li> <li>• SENDER</li> <li>• RECIPIENT</li> <li>• THIRD_PARTY</li> </ul>
AccountNumber	No	Required. To ensure that shipping and customs charges are billed to the correct account number, include the AccountNumber element that corresponds to the Bill To element if payment type is SENDER, RECIPIENT, or THIRD_PARTY.
Currency	No	Required. The currency code of the monetary exchange for FedEx Services. See <i>Appendix F: Currency Codes section of Web Services Developer Guide</i> for a list of codes. <i>Note: FedEx will provide currency conversion using FedEx Web Services. If you enter a currency other than the currency associated with your FedEx account number, rate quotes will be returned based on the specified currency.</i>
CountryCode	No	The country code associated with the currency type.
CountryName	No	Optional. The fully spelled out name of a country.
CustomerReferenceType	No	Optional. This element allows you to add reference information that prints on the shipping label and on your invoice. Reference information may also be used to track packages. Values are: <ul style="list-style-type: none"> <li>• BILL_OF_LADING</li> <li>• CUSTOMER_REFERENCE</li> <li>• DEPARTMENT_NUMBER</li> <li>• ELECTRONIC_PRODUCT_CODE</li> <li>• INTRACOUNTRY_REGULATORY_REFERENCE</li> </ul>

		<ul style="list-style-type: none"> <li>• INVOICE_NUMBER</li> <li>• P_O_NUMBER</li> <li>• RMA_ASSOCIATION</li> <li>• SHIPMENT_INTEGRITY</li> <li>• STORE_NUMBER</li> </ul> <p>SHIPMENT_INTEGRITY prints on the Ship ID line on the label for Ground and invoice.</p> <p><i>Note: Reference information is submitted on the shipment level. However, you may add up to three references per shipment. See the <a href="#">Reference Elements with Output Location</a> table for more information about where your reference information prints.</i></p>
CustomerReference/Value	No	Optional. Reference information to be associated with the CustomerReferenceType. For example, if you designate INVOICE_NUMBER in the CustomerReferenceType element, the actual invoice number associated with the package is included in the CustomerReference/Value element.

### 30.3.1.3 Multiple-Package Shipment Elements

This option is available for FedEx Express U.S. and international multiple-package shipments (MPS), FedEx Ground U.S. and international MPS, FedEx Express U.S. C.O.D. and international C.O.D. MPS and FedEx Ground U.S. C.O.D. and international C.O.D. MPS.

For more information about MPS see FedEx Express U.S. Multiple-Package Shipments.

*Note: Up to 200 MPS packages may be created for one master shipment.*

**Table 155. Multiple-Package Shipment Elements**

Element	Multiple Occurrence	Description
PackageCount	No	Required for MPS. Total number of packages in the shipment.
SequenceNumber	No	Required if PackageCount is greater than 1. The sequence number determines the master package and is important when shipment level information is added for that package. The shipment level information added to a master package applies to all packages in the shipment.
MasterTrackingID	No	Required. The MasterTrackingID element is returned with the first package reply. This element contains both the MasterTrackingNumber and the FormID elements. The MasterTrackingID element must be added to each subsequent ship request for all other packages in the multiple-package shipment.
MasterTrackingID/TrackingIDType	No	Valid values are: <ul style="list-style-type: none"> <li>• EXPRESS</li> <li>• FREIGHT</li> <li>• GROUND</li> <li>• USPS</li> </ul>

• FEDEX

### 30.3.1.4 Package and Shipment Details

**Table 156. Package and Shipment Details Elements**

Element	Multiple Occurrence	Description
ServiceType	No	<p>Required. Valid values are:</p> <ul style="list-style-type: none"> <li>• FEDEX_GROUND</li> <li>• GROUND_HOME_DELIVERY</li> <li>• FEDEX_FREIGHT_PRIORITY</li> <li>• FEDEX_FREIGHT_ECONOMY</li> <li>• SAME_DAY</li> <li>• SAME_DAY_CITY</li> </ul> <p><i>Note: If you ship to a residential address, your service type must be GROUND_HOME_DELIVERY.</i></p>
PackagingType	Yes	Required. Valid value is YOUR_PACKAGING.
Weight	Yes	<p>Required. Units and Value are included in this element. Values for the Units element are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>The Value element must contain the actual package weight. For MPS, each ship request must contain the package weight.</p>
TotalWeight	No	<p>Required for MPS. The TotalWeight element is submitted for the master package only, not the subsequent child packages. The master package (designated as 1 in the PackageCount element) contains the total package weight in the multiple-package shipment.</p> <p>Units and Value are included in this Element. Values for the Units element are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>The Value element must contain actual package weight.</p>
Dimensions/Height	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Width	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Length	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Units	Yes	Required if dimensions (Height, Width, Length) are submitted. Values are: <ul style="list-style-type: none"> <li>• IN</li> <li>• CM</li> </ul>
TotalInsuredValue/Amount	No	You may enter a value in this element to declare additional value for this shipment. For MPS, the master package should contain the total declared value for the shipment. No declared value is added to subsequent child shipments. FedEx does not

		provide insurance of any kind.
PreferredCurrency	No	Indicates the currency the shipper requests to have used in all returned monetary values (when a choice is possible).
ShipTimestamp	No	Date of shipment. For FedEx Ground and FedEx Home Delivery packages, this can be the current date or up to 10 days in the future.  The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T, such as 2009-06-26T17:00:00. The UTC offset indicates the number of hours/minutes, such as xx:xx, from UTC, such as 2009-06-26T17:00:00-04:00 is defined as June 26, 2009 5:00 p.m. Eastern Time.  See <i>Appendix M: Time Zones</i> section of <i>Web Services Developer Guide</i> for more information about time zones .

### 30.3.1.5 Label Requirements

Table 157. LabelSpecification Element

Element	Multiple Occurrence	Description
LabelSpecification	No	To identify the type of label format you will receive, elements in the LabelSpecification complex type element should be included in the ProcessShipment request (depending on your label format). More information about label printing is provided in <a href="#">Creating a Label</a>

To determine if special options apply at the shipment level (controls every package in the MPS) or at the package level (levied for a particular package), refer to the following table:

Table 158. Package vs. Shipment Level Shipping Options

Shipping Option	Package vs. Shipment Level
Delivery Signature Options	Shipment
HazMat	Shipment
Reference Elements	Package
Shipment Notification	Package

### 30.3.2 FedEx Home Delivery Convenient Delivery Options

You may also choose from three convenient delivery options for your FedEx Home Delivery shipments:

- FedEx Date Certain Home Delivery®: FedEx contacts the recipient (recipient's phone number is required in transaction) and schedules a specific date for package delivery.
- FedEx Evening Home Delivery®: Just like "Date Certain Delivery," FedEx contacts the customer (recipient's phone number is required in transaction) and schedules an evening package delivery.
- FedEx Appointment Home Delivery®: This option is time-specific. If you want your package delivered at 1:30 on Tuesday, FedEx calls the recipient to confirm this date and time. The recipient phone number is required in the transaction.

*Note: FedEx Home Delivery convenient delivery options are requested on the shipment level and incur surcharges.*

### 30.3.2.1 Elements for FedEx Home Delivery Convenient Delivery Options

Table 159. Home Delivery Convenient Delivery Options Elements

Element	Description
HomeDeliveryPremiumDetail/ HomeDeliveryPremiumType	Valid values are: <ul style="list-style-type: none"><li>• APPOINTMENT</li><li>• DATE_CERTAIN</li><li>• EVENING</li></ul>
HomeDeliveryPremiumDetail/Date	Required for FedEx Date Certain Home Delivery. Valid dates are Monday through Saturday.
HomeDeliveryPremiumDetail/ DeliveryInstructions	Optional. Allows additional delivery instructions are for any FedEx Home Delivery convenient delivery option.
HomeDeliveryPremiumDelivery/ PhoneNumber	Required for FedEx Date Certain Home Delivery and FedEx Appointment Home Delivery. FedEx contacts the recipient at this number to schedule delivery.

### 30.3.3 Reply Elements

In the ShipResponse/ProcessShipmentReply, the following elements are returned:

- Error messages with severity
- Tracking number(s): Assigned to all packages. For FedEx Ground C.O.D., you receive origin shipment-status tracking number and C.O.D. return payment tracking number.
- Rates and surcharges: For more information, see Registration Service.
- Service commitment
- Routing code
- Origin commitment
- Time in transit detail
- Station ID (where applicable)

#### 30.3.3.1 Reference Elements with Output Location

The ShipService WSDL includes the CustomerReference/CustomerReferenceType elements. See [Appendix AB: CustomerReference/CustomerReferenceType Elements](#) for the child elements.

*Note: Additional surcharges apply to FedEx Home Delivery convenient delivery options. These elements can also be configured to print on the thermal label Doc-Tab. For more information, see the [Canada Export International](#).*

You may use reference elements to track packages or to tie packages together for a single track request.

## 30.4 FedEx Home Delivery Service Details

The following rules apply to FedEx Home Delivery (residential flag checked):

- Shipment can originate from and be delivered to the 50 United States, although longer transit times apply to Alaska and Hawaii.
- Shipping and delivery days are Tuesday through Saturday from 9 a.m. to 8 p.m.
- Package weight and size can be up to 70 lbs., 108" in length, or 165" in combined length plus girth

(L+2W+2H).

- FedEx Home Delivery is not available to P.O. boxes.
- No HazMat except ORM-D/Limited Quantity packages: see Chapter 23: Hazardous Materials (FedEx Ground U.S.) for details.
- Options include Delivery Signature Options, Signature Proof of Delivery (SPOD), and Chapter 32: FedEx SmartPost Shipping.
- Nonstandard packaging: Include this element in your transaction to indicate that your shipment is packaged in a nonstandard or irregularly shaped container (such as a pail). A surcharge may apply. Contact FedEx Ground Customer Service at 1.800.GoFedEx 1.800.463.3339 for guidelines or to find out if your packaging is nonstandard.
- For shipments including alcohol, see Alcohol Shipping for more information.

*Note: The shipper's account number must be enabled for Ground Residential functionality. Once the account number is enabled, the customer may specify a service type of Ground instead of Ground Home Delivery for a shipment weighing less than 70 pounds and destined to a residential address.*

- For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### **30.4.1 FedEx Home Delivery Convenient Delivery Options**

FedEx Home Delivery is part of FedEx Ground shipping. You can use FedEx Home Delivery to ship packages to residential addresses. You can use the basic FedEx Ground transaction for FedEx Home Delivery shipments. You can also use the following options as needed:

#### **30.4.1.1 FedEx Date Certain Home Delivery**

Use this convenient delivery option to specify a delivery date for FedEx Home Delivery. For example, if your recipient is available to accept packages on Thursdays only, you may enter a specific Thursday as the delivery date in your shipping transaction.

#### **30.4.1.2 FedEx Evening Home Delivery**

Use this convenient delivery option to specify delivery between 5 p.m. and 8 p.m., based on the recipient's local time zone.

### **30.4.2 FedEx Appointment Home Delivery**

Use this convenient delivery option to specify an appointment for delivery. The recipient is contacted by the local FedEx Home Delivery terminal when the shipment arrives, to set a delivery appointment.



## 31. FedEx SmartPost Shipping

FedEx SmartPost® and FedEx SmartPost® Returns each require a service contract. To sign up for FedEx SmartPost outbound shipping or FedEx SmartPost Returns, contact your FedEx account executive.

FedEx SmartPost helps you consolidate and deliver high volumes of low-weight, non time-critical business-to-consumer packages using the United States Postal Service (USPS) for final delivery to residences. This service provides delivery Monday through Saturday to all residential addresses in the U.S., including P.O. boxes and military APO and FPO destinations.

FedEx SmartPost also offers FedEx SmartPost Returns service, delivery and shipment email notifications for U.S. outbound shipments, customizable labels, and Future Day shipping.

### 31.1 FedEx SmartPost Service Details

FedEx SmartPost Service includes the following features:

- FedEx SmartPost is available for shipments originating in the 48 contiguous United States only. Alaska, Hawaii, Puerto Rico, and the U.S. territories are not included as origin points.
- The FedEx SmartPost service allows delivery to all 50 United States and the U.S. territories, including PO boxes and military locations (Army Post office - APO, Fleet Post Office - FPO, Diplomatic Post Office - DPO), and Puerto Rico.
- FedEx SmartPost supports customer packaging only. Because FedEx SmartPost employs the USPS for final delivery to residences, packages are subject to USPS restrictions.
- Future Day shipping is available for FedEx SmartPost shipments.
- Saturday delivery is possible by USPS. No FedEx surcharge applies in this case.
- Packages can only be tracked using the FedEx tracking Number or USPS tracking number.
- FedEx SmartPost Returns provides a U.S. to U.S. returns service for all shippers with more than 100 returns a day. Once contracted, a shipper can use any service for their outbound shipping and still use FedEx SmartPost Returns. Both print and email return label options are available. Consumers can conveniently return packages from all 50 states, Puerto Rico, U.S. territories and military locations simply by placing it in their mailbox, dropping it off at their local Post Office, at a USPS collection box or handing it off to a USPS carrier by taking advantage of a free package pickup. Estimated shipping rates are not available for SmartPost Returns.

*Note: A separate account number is given for FedEx SmartPost outbound shipments and FedEx SmartPost Returns. If a customer is contracted with return services, they need to use the associate account rollup to a national number. For Standard Mail, Bound Printed Matter, and Media the following dimensions restriction applies:*

- Dimensions: No more than 84" in combined length and girth (L+2W+2H).
- No one dimension greater than 60".
- Minimum dimensions are 6" L x 4" W x 1".

For Parcel Select the following restrictions apply:

- Dimensions: No more than 130" in combined length and girth.
- No one dimension can be greater than 60".
- Minimum Dimensions are 6" L X 4" W X 1".

For more detailed information about FedEx SmartPost outbound shipping and returns, go to [fedex.com/us/smartzpost](http://fedex.com/us/smartzpost).

#### 31.1.1 FedEx SmartPost Request Elements

In addition to the elements required for all requests, the following elements are included in the FedEx SmartPost request:

**Table 160. FedEx SmartPost Request Elements**

Element	Description
ProcessShipmentRequest/ RequestedShipment/ServiceType	Required. Specify SMART_POST for FedEx SmartPost shipping services.
RequestedShipment/SmartPostShipmentDetail/ SmartPostShipmentProcessingOptionsRequested	Through this option, an existing SmartPost small shipper or return shipper can specify to have the Ground tracking number provided in the shipment reply. This is a contingency feature in case the customer requires the Ground tracking number for internal processes or for tracking SmartPost shipments. The Ground tracking number will only be provided for existing SmartPost small shippers or return shippers. Customers will have the same reporting and tracking capabilities as today when they receive a Ground tracking number. However, the Ground tracking number will not be printed on the FXSP shipping label. Fedex.com provides the same tracking visibility for SmartPost shipments when using either the SmartPost tracking number or the Ground tracking number. Fedex recommends using fedex.com, rather than USPS.com, for all tracking activities for SmartPost shipments.
RequestedShipment/SmartPostShipmentDetail/ SmartPostShipmentProcessingOptionsRequested/ SmartPostShipmentProcessingOptionType	Valid values: <ul style="list-style-type: none"><li>• GROUND_TRACKING_NUMBER_REQUESTED</li></ul>
RequestedShipment/LabelSpecification/ CustomerSpecifiedLabelDetail/ LabelMaskableDataType	Names of data elements/areas which may be suppressed from printing on labels. <ul style="list-style-type: none"><li>• CUSTOMS_VALUE</li><li>• DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER</li><li>• SECONDARY_BARCODE</li><li>• SHIPPER_ACCOUNT_NUMBER</li><li>• TERMS_AND_CONDITIONS</li><li>• TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER</li></ul>
SmartPostDetail	Required. Specify the appropriate details for a FedEx SmartPost shipment.
SmartPostDetail/Indicia	Required. Specify the indicia type. Available options include: <ul style="list-style-type: none"><li>• MEDIA_MAIL</li><li>• PARCEL_SELECT (1 LB through 70 LBS)</li></ul>

	<ul style="list-style-type: none"> <li>• PRESORTED_BOUND_PRINTED_MATTER</li> <li>• PRESORTED_STANDARD (less than 1 LB)</li> <li>• PARCEL_RETURN</li> </ul>
SmartPostDetail/AncillaryEndorsement	<p>Optional. Specify an endorsement type from the following valid values:</p> <ul style="list-style-type: none"> <li>• ADDRESS_CORRECTION</li> <li>• CARRIER_LEAVE_IF_NO_RESPONSE</li> <li>• CHANGE_SERVICE</li> <li>• FORWARDING_SERVICE</li> <li>• RETURN_SERVICE</li> </ul> <p><i>Note: For FedEx SmartPost Standard Mail (Presorted Standard &lt; 1 lb.) shipments with delivery confirmation, either RETURN SERVICE REQUESTED or ADDRESS SERVICE REQUESTED is permitted.</i></p>
SmartPostDetail/HubID	<p>Required. Specify the HubID using the four-digit numeric value. Valid values are:</p> <ul style="list-style-type: none"> <li>• 5185 ALPA Allentown</li> <li>• 5303 ATGA Atlanta</li> <li>• 5281 CHNC Charlotte</li> <li>• 5929 COCA Chino</li> <li>• 5751 DLTX Dallas</li> <li>• 5802 DNCO Denver</li> <li>• 5481 DTM1 Detroit</li> <li>• 5087 EDNJ Edison</li> <li>• 5431 GCOH Grove City</li> <li>• 5436 GPOH Groveport Ohio</li> <li>• 5771 HOTX Houston</li> <li>• 5465 ININ Indianapolis</li> <li>• 5648 KCKS Kansas City</li> <li>• 5902 LACA Los Angeles</li> <li>• 5254 MAWV Martinsburg</li> <li>• 5379 METN Memphis</li> <li>• 5552 MPMN Minneapolis</li> <li>• 5531 NBWI New Berlin</li> <li>• 5110 NENY Newburgh</li> <li>• 5015 NOMA Northborough</li> <li>• 5327 ORFL Orlando</li> <li>• 5194 PHPA Philadelphia</li> <li>• 5854 PHAZ Phoenix</li> <li>• 5150 PTPA Pittsburgh</li> <li>• 5893 RENV Reno</li> <li>• 5958 SACA Sacramento</li> <li>• 5843 SCUT Salt Lake City</li> <li>• 5983 SEWA Seattle</li> </ul>

	<ul style="list-style-type: none"> <li>• 5631 STMO St. Louis</li> </ul> <p><i>Note: Include only the numeric HubID value in your request. HubID 5531 should be used in the FedEx Test Environment.</i></p>
SmartPostDetail/CustomerManifestID	<p>Optional. The CustomerManifestId is used to group FedEx SmartPost packages onto a manifest for each trailer that is being prepared.</p> <p>If you have multiple trailers, you must assign a Manifest Id to each FedEx SmartPost package as determined by its trailer. The Manifest Id must be unique to your account number for a minimum of 6 months and cannot exceed 8 characters in length.</p> <p>We recommend that you use the day of year, the trailer id (a sequential number for that trailer). For example, if there are 3 trailers that you started loading on Feb 10, then the 3 Manifest Ids would be 041001, 041002, 041003 (this example includes leading zeros on the trailer numbers).</p> <p>The maximum length is 8 characters.</p>

RequestedShipment/ RequestedPackageLineItems/PhysicalPackaging	Optional Provides additional detail on how the customer has physically packaged this item.
---	---

### 31.1.2 FedEx SmartPost Reply Elements

SmartPost ship replies will include a shipping label image buffer and at least one Tracking ID. Please use the United States Postal Service (USPS) Tracking ID value.

SmartPost outbound ship replies will also include rate elements with estimated rates. SmartPost Return shipping label replies will **not** include rate elements and estimates.

The following SmartPost-specific elements are returned in the FedEx SmartPost ship reply:

**Table 161. FedEx SmartPost Reply Elements**

Element	Description
ProcessShipmentReply/ CompletedShipmentDetail/UsDomestic	Indicates whether or not this is an intra-U.S. shipment.
ProcessShipmentReply/ CompletedShipmentDetail/CarrierCode	Indicates the carrier that will be used to deliver this shipment.
ProcessShipmentReply/ CompletedShipmentDetail/MasterTrackingId	The master tracking number and form ID of this multiple piece shipment. This information is to be provided for each subsequent of a multiple piece shipment.
MasterTrackingId/TrackingIdType	<p>Lists the type of tracking ID. Valid values are:</p> <ul style="list-style-type: none"> <li>• FEDEX</li> <li>• GROUND</li> <li>• USPS</li> </ul> <p>A USPS tracking number will only return the status of the package while it is being handled by USPS. But a FedEx Ground tracking number will return all the data.</p>
MasterTrackingId/FormId	Describes in detail the type of airbill and shipment moving through the FedEx system.
MasterTrackingId/UspsApplicationId	For use with Smartpost tracking IDs only.
MasterTrackingId/TrackingNumber	Specifies the tracking number of the package.
ProcessShipmentReply/ CompletedShipmentDetail/ ServiceTypeDescription	Description of the FedEx service used for this shipment. Currently not supported.
ProcessShipmentReply/ CompletedShipmentDetail/ PackagingDescription	Description of the packaging used for this shipment. Currently not supported.
ProcessShipmentReply/ CompletedShipmentDetail/ OperationalDetail	Specifies the shipment level operational information.
ProcessShipmentReply/	Used only with pending shipments.

CompletedShipmentDetail/ AccessDetail	
ProcessShipmentReply/ CompletedShipmentDetail/ SmartPostDetail/	Returns FedEx SmartPost shipment account details including: <ul style="list-style-type: none"><li>• Machineable (indicates whether the shipment is deemed to be machineable, based on dimensions, weight, and packaging)</li><li>• AllowedHubs</li><li>• MailerId</li><li>• DistributionCenter</li><li>• SmartPostId</li><li>• PickUpCarrier (CarrierCodeType)</li><li>• AllowedIndicia</li><li>• AllowedSpecialServices</li><li>• SmartPostHubId</li><li>• MaximumTransitTime</li></ul>
ProcessShipmentReply/ CompletedShipmentDetail/ ShipmentRating	All shipment-level rating data for this shipment, which may include data for multiple rate types.
ProcessShipmentReply/ CompletedShipmentDetail/ ShipmentDocuments	All shipment-level shipping documents (other than labels and barcodes).
ProcessShipmentReply/ CompletedShipmentDetail/ AssociatedShipments	The details of any associated shipments.
ProcessShipmentReply/ CompletedShipmentDetail/ CompletedPackageDetails	Package level details about this package.

### 31.1.3 FedEx SmartPost APO/FPO/DPO

FedEx SmartPost allows customers to ship orders to APO (Army/Air Force Post Office), FPO (Fleet Post Office) or DPO (Diplomatic/Defense Postal Office) addresses. Include the following element values to ship to these addresses:

**Table 162. FedEx SmartPost APO/FPO/DPO Elements**

Element	Value
City	Valid values are: <ul style="list-style-type: none"><li>• APO</li><li>• FPO</li><li>• DPO</li></ul>
StateOrProvinceCode	Valid values are: <ul style="list-style-type: none"><li>• AA - Armed Forces Americas</li><li>• AE - Armed Forces Europe</li><li>• AP - Armed Forces Pacific</li></ul>

Since packages shipped to APO/FPO/DPO are potentially dutiable, the USPS requires that all customers use Form 2976A when shipping APO/FPO/DPO packages, regardless of weight and value. For more information on customs and USPS requirements and to complete and print the forms online, refer to the USPS Website at [http://ribbs.usps.gov/index.cfm?page=siteindexa\\_z](http://ribbs.usps.gov/index.cfm?page=siteindexa_z).

The following is an example of a FedEx SmartPost APO address:

StreetLines: PSC 2 box 7629

City: APO

StateOrProvinceCode: AE

PostalCode: 09012

CountryCode: US

The following reply elements would be returned for the FedEx SmartPost APO Address Validation:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
xmlns:v17="http://fedex.com/ws/ship/v17">  
  <soapenv:Header/>  
  <soapenv:Body>  
    <v17:ProcessShipmentRequest>  
      <v17:WebAuthenticationDetail>  
        <v17:ParentCredential>  
          <v17:Key>XXXXXXXXXXXX</v17:Key>  
          <v17:Password/>  
        </v17:ParentCredential>  
        <v17:UserCredential>  
          <v17:Key>XXXXXXXXXXXX</v17:Key>  
          <v17:Password/>  
        </v17:UserCredential>  
      </v17:WebAuthenticationDetail>  
      <v17:ClientDetail>  
        <v17:AccountNumber>XXXXXXXXXXXX</v17:AccountNumber>  
        <v17:MeterNumber>XXXXXXXX</v17:MeterNumber>  
      </v17:ClientDetail>  
      <v17:TransactionDetail>  
        <v17:CustomerTransactionId>IMPB      On Print Returns</v17:CustomerTransactionId>  
      </v17:TransactionDetail>  
      <v17:Version>  
        <v17:ServiceId>ship</v17:ServiceId>  
        <v17:Major>17</v17:Major>  
        <v17:Intermediate>0</v17:Intermediate>  
        <v17:Minor>0</v17:Minor>  
      </v17:Version>  
      <v17:RequestedShipment>  
        <v17:ShipTimestamp>2014-11-21T09:30:47-05:00</v17:ShipTimestamp>  
        <v17:DropoffType>REGULAR_PICKUP</v17:DropoffType>  
        <v17:ServiceType>SMART_POST</v17:ServiceType>  
        <v17:PackagingType>YOUR_PACKAGING</v17:PackagingType>  
        <v17:Shipper>  
          <v17:AccountNumber>XXXXXXXXXXXX</v17:AccountNumber>  
          <v17>Contact>  
            <v17:PersonName>WSVC</v17:PersonName>  
            <v17:CompanyName>Sender Company</v17:CompanyName>  
            <v17:PhoneNumber>1234567890</v17:PhoneNumber>  
          </v17>Contact>  
          <v17:Address>  
            <v17:StreetLines>SMART POST FIVE DIGIT ACCT: 10110</v17:StreetLines>  
            <v17:StreetLines>SMART POST FIVE DIGIT ACCT: 10110</v17:StreetLines>  
            <v17:City>SMART POST FIVE DIGIT ACCT: 10110</v17:City>  
            <v17:StateOrProvinceCode>SMART POST FIVE DIGIT ACCT: 10110</v17:StateOrProvinceCode>  
            <v17:PostalCode>10110</v17:PostalCode>
```

```

        <v17:CountryCode>US</v17:CountryCode>
    </v17:Address>
</v17:Shipper>
<v17:Recipient>
    <v17:AccountNumber>XXXXXXXXXX</v17:AccountNumber>
    <v17:Contact>
        <v17:PersonName>PARCEL      RTN  SVC</v17:PersonName>
        <v17:CompanyName>SMARTPOST      /  RETURNS</v17:CompanyName>
        <v17:PhoneNumber>1234567890</v17:PhoneNumber>
    </v17:Contact>
    <v17:Address>
        <v17:StreetLines>Recipient      Address  Line1</v17:StreetLines>
        <v17:City>Austin</v17:City>
        <v17:StateOrProvinceCode>AS</v17:StateOrProvinceCode>
        <v17:PostalCode>00840</v17:PostalCode>
        <v17:CountryCode>AS</v17:CountryCode>
    </v17:Address>
</v17:Recipient>
<v17:ShippingChargesPayment>
    <v17:PaymentType>SENDER</v17:PaymentType>
    <v17:Payor>
        <v17:ResponsibleParty>
            <v17:AccountNumber>XXXXXXXXXX</v17:AccountNumber>
            <v17:Contact>
                <v17:PersonName>XXXXXX</v17:PersonName>
                <v17:CompanyName>XXXXXX</v17:CompanyName>
                <v17:PhoneNumber>8149871606</v17:PhoneNumber>
            </v17:Contact>
            <v17:Address>
                <v17:StreetLines>SMART      POST  FIVE  DIGIT  ACCT: 10110</v17:StreetLines>
                <v17:StreetLines>SMART      POST  FIVE  DIGIT  ACCT: 10110</v17:StreetLines>
                <v17:City>SMART      POST  FIVE  DIGIT  ACCT:  10110</v17:City>
                <v17:StateOrProvinceCode>SMART      POST  FIVE  DIGIT  ACCT: 10110</v17:StateOrProvinceCode>
                <v17:PostalCode>10110</v17:PostalCode>
                <v17:CountryCode>NL</v17:CountryCode>
            </v17:Address>
        </v17:ResponsibleParty>
    </v17:Payor>
</v17:ShippingChargesPayment>
<v17:SpecialServicesRequested>
    <v17:SpecialServiceTypes>EMAIL_NOTIFICATION</v17:SpecialServiceTypes>
    <v17:SpecialServiceTypes>RETURN_SHIPMENT</v17:SpecialServiceTypes>
    <v17:EMailNotificationDetail>
        <v17:Recipients>
            <v17:EMailNotificationRecipientType>SHIPPER</v17:EMailNotificationRecipientType>
            <v17:EmailAddress>XXXXXX</v17:EmailAddress>
            <v17:Format>HTML</v17:Format>
            <v17:Localization>
                <v17:LanguageCode>es</v17:LanguageCode>
                <v17:LocaleCode>ES</v17:LocaleCode>
            </v17:Localization>
        </v17:Recipients>
    </v17:EMailNotificationDetail>
    <v17:ReturnShipmentDetail>
        <v17:ReturnType>PRINT_RETURN_LABEL</v17:ReturnType>
        <v17:Rma>
            <v17:Reason>string</v17:Reason>
        </v17:Rma>
    </v17:ReturnShipmentDetail>

```

```

</v17:SpecialServicesRequested>
<v17:SmartPostDetail>
    <v17:Indicia>PARCEL_RETURN</v17:Indicia>
    <v17:AncillaryEndorsement>CARRIER_LEAVE_IF_NO_RESPONSE</v17:AncillaryEndorsement>
    <v17:HubId>5751</v17:HubId>
    <v17:CustomerManifestId>MANIFSETID</v17:CustomerManifestId>
</v17:SmartPostDetail>
<v17:LabelSpecification>
    <v17:LabelFormatType>COMMON2D</v17:LabelFormatType>
    <v17:ImageType>PNG</v17:ImageType>
    <v17:LabelStockType>PAPER_8.5X11_TOP_HALF_LABEL</v17:LabelStockType>
</v17:LabelSpecification>
<v17:RateRequestTypes>LIST</v17:RateRequestTypes>
<v17:PackageCount>1</v17:PackageCount>
<v17:RequestedPackageLineItems>
    <v17:SequenceNumber>1</v17:SequenceNumber>
    <v17:InsuredValue>
        <v17:Currency>USD</v17:Currency>
        <v17:Amount>0.00</v17:Amount>
    </v17:InsuredValue>
    <v17:Weight>
        <v17:Units>LB</v17:Units>
        <v17:Value>9</v17:Value>
    </v17:Weight>
    <v17:CustomerReferences>
        <v17:CustomerReferenceType>CUSTOMER_REFERENCE</v17:CustomerReferenceType>
        <v17:Value>string</v17:Value>
    </v17:CustomerReferences>
</v17:RequestedPackageLineItems>
</v17:RequestedShipment>
</v17:ProcessShipmentRequest>
</soapenv:Body>
</soapenv:Envelope>

```

### 31.1.4 FedEx SmartPost Labels

FedEx SmartPost shipments use one of the following two types of labels based on the specified pickup carrier:

- FedEx SmartPost label - FedEx SmartPost is the pickup carrier
- FedEx integrated label - FedEx Ground® is the pickup carrier

The pickup carrier type is designated by the FedEx account executive based on the volume requirement at the time of the contract and is stored on FedEx system.

The FedEx SmartPost label type supports the Customer Reference barcode when <CustomerReference> element is used in the Ship request. The FedEx integrated label supports FedEx Ground barcode below the USPS Delivery Confirmation barcode at the bottom half of the label.

*Note:*

- *Ground tracking number and Ground barcode are removed from SmartPost integrated labels.*
- *When FedEx generates the FXSP outbound label, FedEx 2D barcode is added if you do not use a customer reference barcode. When you enter customer references for their SmartPost outbound shipments, the SmartPost shipping label will include a customer reference barcode with human readable content.*

## 31.2 FedEx SmartPost Returns Service Details

For an online retailer or other residential shipper, a no-hassle returns process is critical for customer satisfaction and loyalty. FedEx SmartPost Returns service is an ideal solution because it provides your recipients with the

convenience of U.S. Postal Service® (USPS®) access points for their returns, as well as free package pickup from their home or business address.

FedEx SmartPost Returns is a contract-only service for customers with high-volume returns (100 average daily volume) of low-weight residential packages. It's a cost-effective, reliable solution that utilizes the strength of the FedEx® network and the access of the USPS. In addition, FedEx SmartPost Returns provides visibility throughout the returns process to your customer service and operations departments, as well as to the return shipper.

*Note:*

- FedEx SmartPost Returns does not provide estimated shipping rates when using the Rating or Shipping Web services.
- When FedEx generates FXSP returns label, FedEx 2D barcode is always included. You continue to have the option to include RMA barcode.

### 31.2.1 How it Works

When using FedEx SmartPost Returns, you can choose three methods of processing your return labels:

- Include pre-printed return labels in your original shipments.
- Direct your customers back to your Website to process and print online labels using Process Shipment operation of the Ship service WSDL.
- Send your customers an email that includes a FedEx URL link to the return shipping label for them to print using CreatePendingShipment of the Open Ship service. You can create a return label that can be printed using a variation of the Ship web service. Refer to [FedEx SmartPost Print Return Labels](#).

The return shipper then simply puts the label on the package and tenders it at a USPS access point including any of the 36,000 retail locations or thousands of collection boxes, or even their own mailbox. They can also call for the free USPS package pickup service.

Once your customers' returns packages are picked up by the USPS, they'll be consolidated into larger shipments at local post offices and picked up by FedEx for shipment to you.

FedEx SmartPost provides U.S. to U.S. returns to all shippers regardless of volume segment and includes Email Return Labels and Future Day shipment. Shippers can use any FedEx Express or Competitor outbound service and still contract to use FedEx SmartPost Returns services.

### 31.2.2 Features

- To use the FedEx SmartPost Returns service, shippers must have an account flagged as eligible for FedEx SmartPost Returns and be U.S. based payors. U.S. Dollars (USD) is the only currency that is supported for a FedEx SmartPost shipment.
- Whenever customers request a return label, they must send in the Returns account number also.
- The only packaging type available is the customer's own packaging.
- Eligible payment types are Bill Sender or Associated Account and Bill Third Party.

*Note: If a customer has one set of credentials and multiple return locations, they will use the Account Number for the correct receiving location and a PaymentType of "ACCOUNT" in the Payor section. The address for the proper receiving location will then print on the SmartPost Return label.*

- A prepaid USPS integrated return shipping label is provided, which means your customers don't have to stand in line at a shipping location to obtain the proper documentation and don't incur any out-of-pocket expenses.
- USPS daily pickup options of Monday through Saturday, offering your customers convenient access for tendering their package at a local post office, a postal collection box or their own mailbox. Return shippers also can request a free USPS package pickup at [www.usps.gov/pickup](http://www.usps.gov/pickup).

- Coverage to every residential address in the U.S., including P.O. boxes and APO/FPO/DPO destinations.
- Transit times of 2 to 7 business days. This means you can quickly and efficiently cycle returned products back into inventory for faster redeployment into the market – generating revenue and reducing the effects of product depreciation.
- Maximum package weight of 70 lbs.
- No residential or Saturday pickup surcharges.
- FedEx SmartPost Returns does not provide estimated shipping rates when using the Rating or Shipping Web services.
- Inbound shipment visibility via FedEx InSight®. FedEx InSight email notifications provide timely and automatic status information about your inbound FedEx SmartPost Returns packages and include an estimated delivery date assigned when the FedEx SmartPost origin hub receives the package, enabling you to plan accordingly.
- Visibility for your customers through the tracking or RMA number on [fedex.com](http://fedex.com). With an up-to-the-minute view of their returns, customers are not calling your customer service department for shipment-status updates.

Customer reports via FedEx® Reporting Online. Limit of liability is \$100.

### 31.2.3 FedEx SmartPost Print Return Labels

You can create a return label that can be printed using a variation of the Ship web service. The recipient can then apply this label to the return package as needed and drop the package off at a U.S. Postal Service drop-off location, or their local mail carrier can pick up the package at the home address. No charges are assessed until the label is used. In addition, a Returns Merchant Authorization (RMA) reference number can be included as a reference field in your ship transaction. The RMA number prints on the label and can be used to track the return package.

- FedEx SmartPost® Returns service supports both FedEx SmartPost® Email Return Labels and FedEx SmartPost® Print Return Labels. You can request shipment and delivery email notifications. However, ancillary endorsements are not supported.

For FedEx SmartPost Returns, FedEx Ground integrated print and FedEx SmartPost Email Return Label options are available.

- The maximum number of packages allowed for FedEx SmartPost Print Return Label shipments is 999, and 25 for FedEx SmartPost Email Return Label shipments.
- FedEx SmartPost return labels are not available for international destinations.
- Dangerous Goods and Hazardous Materials cannot be shipped.
- FedEx SmartPost returns does not provide estimated shipping rates when using the Rating or Shipping web services.
- Declared value is not available for FedEx SmartPost return labels. If you wish to declare a value, use FedEx Express or FedEx Ground return label services instead.
- Return labels do not expire.
- Returns shipments are billed upon the delivery scan.
- All label formats supported by FedEx Web Services (laser, thermal) are available for FedEx SmartPost Returns shipping labels.
- FedEx SmartPost Email Return Labels are not available for U.S. territories and Puerto Rico.

### 31.2.4 FedEx SmartPost Returns Request Elements

Begin your ship request with the basic Ship Request elements as detailed in [FedEx Express Freight Services: U.S.](#) under the heading [FedEx Express U.S. Coding Details](#).

Add the following elements in your ProcessShipmentRequest to receive a FedEx SmartPost Return Label in your ship reply.

RequestedShipment/ServiceType	Required	Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values. Use one of the following enumerated values: <ul style="list-style-type: none"><li>• FEDEX_FREIGHT_PRIORITY</li><li>• FEDEX_FREIGHT_ECONOMY</li></ul>
RequestedShipment/ShippingChargesPayment	Optional	Descriptive data indicating the method and means of payment to FedEx for providing shipping services. Enter the party responsible for the transportation charges: SENDER, RECIPIENT or THIRD PARTY.
RequestedShipment/ShippingChargesPayment/Payor/ResponsibleParty/AccountNumber	Optional	Identifies the FedEx account number assigned to the customer. If the shipment is a Bill Sender transaction, enter the shipper's FedEx 9 digit Enterprise account number or the 8 or 9 digit Freight account number. If the shipment is Bill Recipient and the payor's FedEx account number is known, enter the payor's FedEx account number.
RequestedShipment/SpecialServicesRequested/FreightGuaranteeDetail/Type	Optional	The type of guarantee. Valid values are: <ul style="list-style-type: none"><li>• GUARANTEED_DATE</li><li>• GUARANTEED_MORNING</li></ul> <i>Note: The Guaranteed delivery options are available for both the Freight Priority service and the Freight Economy service for an additional charge.</i>
RequestedShipment/SpecialServicesRequested/FreightGuaranteeDetail>Date	Optional	Date for all Freight guarantee types.
RequestedShipment/FreightShipmentDetail	Optional	Data applicable to shipments using FedEx Freight services.
RequestedShipment/FreightShipmentDetail/FedExFreightAccountNumber	Required	Account number used with FEDEX_FREIGHT services. If the shipper is responsible for the transportation charges, enter the SAME account number in the FedExFreightAccountNumber that is entered in the ShippingChargesPayment/Payor/ResponsibleParty/Account number. If the shipper is not responsible for the transportation charges, enter a valid FedEx Freight 8- or 9-digit account number.
RequestedShipment/FreightShipmentDetail/FedExFreightBillingContactAndAddress	Required	Enter the Billing Address information in FedExFreightBillingContactAndAddress fields for the above FedExFreightAccountNumber. Entries in FedExFreightAccountNumber and FedExFreightBillingContactAndAddress are required for security purposes.
RequestedShipment/FreightShipmentDetail/AlternateBilling	Optional	Used in connection with "Send Bill To" (SBT) identification of customer's account used for billing. To bill the transportation charges to someone other than the sender or recipient, enter the FedEx account number (9 digit Enterprise account number or 8 or 9 digit Freight account number). <i>Note: If this option is desired, the ShippingChargesPayment Payment must be set to SENDER.</i>

- 5902 LACA Los Angeles
- 5254 MAWV Martinsburg
- 5379 METN Memphis
- 5552 MPMN Minneapolis
- 5531 NBWI New Berlin
- 5110 NENY Newburgh
- 5015 NOMA Northborough
- 5327 ORFL Orlando
- 5194 PHPA Philadelphia
- 5854 PHAZ Phoenix
- 5150 PTPA Pittsburgh
- 5893 RENV Reno
- 5958 SACA Sacramento
- 5843 SCUT Salt Lake City
- 5983 SEWA Seattle
- 5631 STMO St. Louis

*Note: Include only the numeric HubID value in your request.*

### 31.2.5 FedEx SmartPost Email Return Labels

You can use the power of [fedex.com](#) to create return shipping labels for FedEx SmartPost® Returns. The [fedex.com](#) website will email your customer with a link to view and print the label. The customer can take the package to any local United States Postal Center or have their local mail carrier collect the package during their normal mail rounds. The package will be returned to your location using FedEx SmartPost.

You will use the CreatePendingShipment request in OpenShipService web service to trigger [fedex.com](#) to create the appropriate FedEx SmartPost Return Label and notify the customer through an email from FedEx. You will use the DeletePendingShipment web services in the OpenService WSDL or Schema file to cancel the label before it expires.

*Note: SmartPost Returns does not provide estimated shipping rates when using the Rating or Shipping web service.*

#### 31.2.5.1 Delivery Area

FedEx SmartPost Returns Service is available throughout the 50 United States, U.S. territories, APOs, FPOs and DPOs. FedEx customer emails can be sent to any standard email address.

#### 31.2.5.2 Email Return Labels Coding Details

The following coding details apply to email labels:

- The email label is created using elements from the CreatePendingShipmentRequest in the OpenShip Service WSDL for FedEx SmartPost Returns.
- The email label request is canceled using elements from the DeletePendingShipmentRequest in the OpenShip Service WSDL for FedEx SmartPost Return Labels.
- You may request up to 25 email labels to one email address using one request transaction.
- Email label URLs expire according to expiration time stamp you specify in your request.
- After the customer prints the label, the label does not expire but can be used indefinitely.
- The only label format supported is 8-1/2" x 11" plain paper printed on a Laser printer.
- A surcharge is added to a returns email label.
- The maximum expiration date for an Email Return Label must be greater or equal to the day of the label

request and not greater than 2 years in the future.

The following elements are included in a request for the email return label to be a FedEx SmartPost® Email Return Label:

**Table 164. FedEx SmartPost Email Return Label Request Elements**

Element	Required	Description
SmartPostDetail	Required	Required. Specify the appropriate details for a FedEx SmartPost shipment.
SmartPostDetail/Indicia	Required	Required. Specify the indicia type. The value for this transaction is PARCEL_RETURN.
SmartPostDetail/AncillaryEndorsement	Optional and/or Required	<p>Optional. Specify an endorsement type from the following valid values:</p> <ul style="list-style-type: none"><li>• ADDRESS_CORRECTION</li><li>• CARRIER_LEAVE_IF_NO_RESPONSE</li><li>• CHANGE_SERVICE</li><li>• FORWARDING_SERVICE</li><li>• RETURN_SERVICE</li></ul> <p><i>Note: These services are of little practical use for a return package, but they will not cause the transaction to fail.</i></p>
SmartPostDetail/HubId	Required	Required. Specify the HubID. Valid values are: <ul style="list-style-type: none"><li>• 5185 ALPA Allentown</li><li>• 5303 ATGA Atlanta</li><li>• 5281 CHNC Charlotte</li><li>• 5929 COCA Chino</li><li>• 5751 DLTX Dallas</li><li>• 5802 DNCO Denver</li><li>• 5481 DTMI Detroit</li><li>• 5087 EDNJ Edison</li><li>• 5431 GCOH Grove City</li><li>• 5436 GPOH Groveport</li><li>• 5771 HOTX Houston</li><li>• 5465 ININ Indianapolis</li><li>• 5648 KCKS Kansas City</li><li>• 5902 LACA Los Angeles</li><li>• 5254 MAWV Martinsburg</li><li>• 5379 METN Memphis</li><li>• 5552 MPMN Minneapolis</li><li>• 5531 NBWI New Berlin</li><li>• 5110 NENY Newburgh</li><li>• 5015 NOMA Northborough</li><li>• 5327 ORFL Orlando</li><li>• 5194 PHPA Philadelphia</li><li>• 5854 PHAZ Phoenix</li><li>• 5150 PTPA Pittsburgh</li><li>• 5893 RENV Reno</li><li>• 5958 SACA Sacramento</li></ul>

		<ul style="list-style-type: none"> <li>• 5843 SCUT Salt Lake City</li> <li>• 5983 SEWA Seattle</li> <li>• 5631 STMO St. Louis</li> </ul> <p><i>Note: Include only the numeric HubID value in your request. HubID 5531 should be used in the FedEx Test Environment.</i></p>
SmartPostDetail/CustomerManifestId	Optional and/or Required	<p>Optional. This field is of little practical use for a returns package.</p> <p>The CustomerManifestId is used to group FedEx SmartPost packages onto a manifest for each trailer that is being prepared.</p> <p>If you have multiple trailers, you must assign a Manifest Id to each FedEx SmartPost package as determined by its trailer. The Manifest Id must be unique to your account number for a minimum of 6 months and cannot exceed 8 characters in length.</p> <p>Use the day of year and the trailer id (a sequential number for that trailer). For example, if there are 3 trailers that you started loading on Feb 10, then the 3 Manifest Ids would be 041001, 041002, 041003 (this example includes leading zeros on the trailer numbers).</p> <p>The maximum length is 8 characters.</p>
RequestedShipment/ RequestedPackageLineItems/ PhysicalPackaging	Optional and/or Required	Optional. Provides additional detail on how the customer has physically packaged this item.

### 31.2.5.2.1 FedEx SmartPost Reply Elements

The following elements are returned in the FedEx SmartPost reply:

**Table 165. FedEx SmartPost Reply Elements**

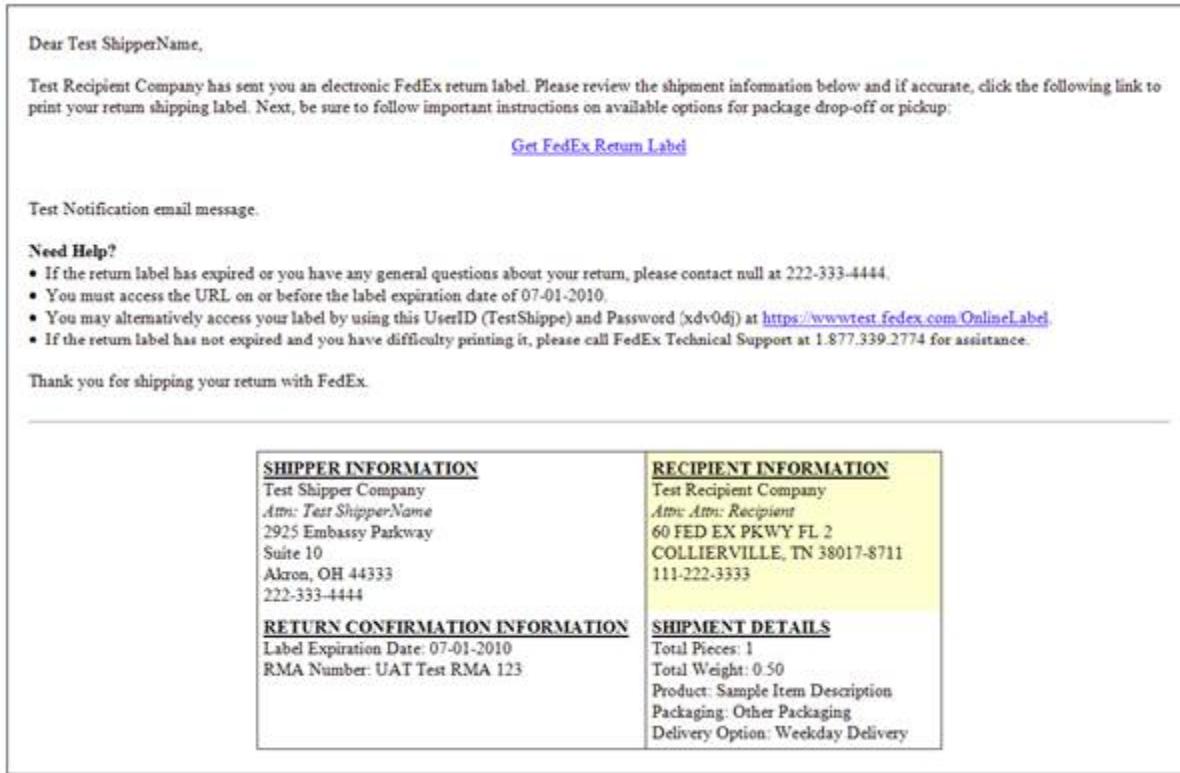
Element	Description
CompletedShipmentDetail/ OperationalDetail/TransitTime	String. Standard transit time per origin, destination, and service.
CompletedShipmentDetail/ OperationalDetail/MaximumTransitTime	String. The maximum expected transit time.
CompletedShipmentDetail/ AccessDetail/EmailLabelUrl	The URL the customer will receive in the email from FedEx to take them to the label that has been generated for them.
CompletedShipmentDetail/ CompletedPackageDetails/ TrackingIds/TrackingIdType	The reply will include tracking numbers for the package. The TrackingIdType will specify whether a specific Tracking Number provided is USPS, GROUND or FEDEX.  A UPS tracking number will only return the status of the package while it is being handled by USPS. But a FedEx Ground tracking number will return all the data.
CompletedShipmentDetail/ CompletedPackageDetails/	The reply will usually include two tracking numbers for the package. The TrackingNumber will show the Tracking number

TrackingIds/ TrackingNumber

value. USPS is 22 digits, FedEx is 20 digits.

The customer will receive an email from FedEx that uses the data as provided in your request. The email will look like this:

**Figure 7. Notification email**



Following the link, the user will see a **fedex.com** screen and use the data you provided in your request. This screen will allow them to choose which shipping label to display and print:

**Figure 8. Fedex.com screen**

FedEx. [Español](#) | [Customer Support](#) | [FedEx Locations](#)

[Package/Envelope](#) [Freight](#) [Expedited](#) [Office/Print Services](#)

[Ship](#) [Track](#) [Manage](#) [Business Solutions](#)

Email/Online Label [Logout](#)  
**Print Your Labels** [Quick Help](#)

**Print / Generate Labels**

1. Review the following information and [Print](#) your selected labels.  
 2. Drop off at any Post Office™, mail box, or postal collection box; or give to your mail carrier or schedule a USPS Free Package Pickup at [usps.com/pickup](#).

A. Your Information	B. Shipping Information												
Test Shipper Company Test ShipperName 2925 Embassy Parkway Suite 10 Akron, OH 44333 222-333-4444	<b>Important</b> You have <b>18 day(s)</b> left to generate shipping labels for pieces in this shipment.  <b>Cancelling Shipments</b> To cancel one or all of the labels below, please contact a representative at <b>222-333-4444</b> .												
<b>C. Shipment Label Printing</b> <a href="#">Show Advanced Printing Options</a> <table border="1"> <thead> <tr> <th>Select All None</th> <th>Piece Description</th> <th>Recipient Information</th> <th>Reference Number</th> <th>Status / Tracking no.</th> <th>Declared Value</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Sample Item Description</td> <td><a href="#">Attn: Recipient</a></td> <td>Test ref value 123</td> <td>Pending</td> <td>\$ 0.00</td> </tr> </tbody> </table> <p>A copy of this screen may be printed for your records by selecting the <a href="#">Print</a> option from your browser.</p> <p><a href="#">Global Home</a>   <a href="#">FedEx Mobile</a>   <a href="#">Service Info</a>   <a href="#">About FedEx</a>   <a href="#">Investor Relations</a>   <a href="#">Careers</a>   <a href="#">fedex.com Terms of Use</a>   <a href="#">Privacy Policy</a>   <a href="#">Site Map</a>        This site is protected by copyright and trademark laws under US and International law. All rights reserved. © 1995-2010 FedEx</p>		Select All None	Piece Description	Recipient Information	Reference Number	Status / Tracking no.	Declared Value	<input checked="" type="checkbox"/>	Sample Item Description	<a href="#">Attn: Recipient</a>	Test ref value 123	Pending	\$ 0.00
Select All None	Piece Description	Recipient Information	Reference Number	Status / Tracking no.	Declared Value								
<input checked="" type="checkbox"/>	Sample Item Description	<a href="#">Attn: Recipient</a>	Test ref value 123	Pending	\$ 0.00								

### 31.2.5.3 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.

6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.

### **31.2.6 Customizable Labels**

Shippers will be offered a customizable area on thermal labels for FedEx SmartPost and FedEx SmartPost Returns.

The customizable label size is 4" x 8" which is a 4" x 6" format with an additional 1-1/2 inch area available for customization. The customizable label can be printed with and without doc-tabs.

### **31.2.7 Future Day Shipping**

Customers can process FedEx SmartPost future day shipments in the same way as FedEx Ground. This includes the same limit on the number of days (10 days) as FedEx Ground future day shipments

### **31.2.8 Tracking Numbers**

Customers can track FedEx SmartPost shipments using:

- Customer reference number
- Invoice number
- P.O. number
- Return Merchant Authorization (RMA) number
- Tracking number

#### **31.2.8.1 Error Messages**

For error messages, see *Appendix O: Error Code Messages* section of the *Web Services Developer Guide*.

#### **31.2.8.2 Samples**

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide,

at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.



## 32. FedEx Freight Services

One streamlined network, FedEx Freight<sup>®</sup>, offers you two easy service options: FedEx Freight<sup>®</sup> Priority (formerly FedEx Freight) for speed, and FedEx Freight<sup>®</sup> Economy (formerly FedEx National LTL) for savings. The change in services allows FedEx to offer you two levels of service, priority or economy freight, in one fully integrated, nationwide pickup and delivery network.

Choose fast-transit FedEx Freight Priority (formerly FedEx Freight transit times) to meet your supply chain needs. Our all-points coverage and on-time reliability make FedEx Freight Priority the perfect choice for your time-sensitive shipments.

With FedEx Freight Economy, you get reliable, economical delivery to meet your freight shipping needs and budget. All-points coverage and on-time reliability make FedEx Freight Economy the ideal service when you can trade time for savings.

- FedEx Freight<sup>®</sup> Priority focuses on regional next-day and second-day services that provide the benefit of fast-cycle logistics. Delivery is typically in 1 or 2 business days by 5 p.m. for U.S. shipments. Use this service when speed is critical to meet your supply chain needs.
- FedEx Freight<sup>®</sup> Economy provides long-haul service for planned inventory replenishment, with multiple service options to meet your needs. Delivery is typically in 3-5 business days for U.S. shipments. Use this service when you have the option to trade time for savings.

With FedEx Freight, you can ship palletized or non-palletized freight up to 20,000 lbs. in weight and 20 feet in length.

Whatever type of shipping service you need, you will have one Bill of Lading to process your shipments, one invoice statement for less paperwork, one pickup and one delivery for all of your shipments. You will also enjoy simplified account numbers and streamlined web applications, without any changes to your current pricing agreement.

FedEx Freight address labels are optional and contain very little information, compared to FedEx Express and FedEx Ground labels. The PRO number is the equivalent of the FedEx Express<sup>®</sup> / FedEx Ground<sup>®</sup> tracking number. A single PRO number is assigned to an LTL freight shipment, regardless of the number of pallets in the shipment.

Use the ShipService WSDL and the PickupService WSDL to access FedEx Freight shipping features, and use the following ServiceType enumerated values:

- FEDEX\_FREIGHT\_PRIORITY
- FEDEX\_FREIGHT\_ECONOMY

See the Freight Elements for information on how to specify the freight elements.

Use either the Shipper Freight Account or the Bill To Freight Account depending on your role.

Shipper: The company or person in the "From" fields on the FedEx shipping document; sometimes called the consignor. The shipper is the party that gives the shipment to the carrier. The shipper is often responsible for the shipping charges, but this is not always the case.

Bill To: "Bill To" is an abbreviation of "Third Party Bill To" which is the company or person that will receive and pay a shipment's invoice.

Freight services and special services (accessorials) are supported via Web Services for rate quote, shipment, and pickup requests. Tracking of freight shipments is also supported. There is no specific element for freight that must be specified in a track request.

### 32.1 FedEx Freight Service Features

FedEx Freight Priority and FedEx Freight Economy services ship packages within the United States, Canada,

Mexico, and Puerto Rico. Specifically, service areas include:

- United States (including to/from Alaska and Hawaii) to: Mexico, Canada, Puerto Rico and within the United States
- Canada to: United States, Puerto Rico and within Canada
- Mexico to: United States, Puerto Rico and within Mexico
- Puerto Rico to: United States, Canada and Mexico

Other service features include the ability to

- Create and print a Bill of Lading (BOL)

*Note: The BOL can only be printed in PDF file format.*

- Schedule an optional pickup
- You must call FedEx to update or cancel a previously scheduled pickup
- Print the BOL in multiple formats (Uniform or VICS)
- Request a rate quote
- Create international customs documents (Commercial Invoice, Certificate of Origin and NAFTA Certificate of Origin)

## 32.2 FedEx Freight Service Details

Service details play a vital role in getting your shipment delivered and handled correctly. The following service details include information on shipping rules, packaging, Bills of Lading, and restrictions using these services.

### 32.2.1 Shipping Rules

- Both commercial and residential shipments may be shipped using FedEx Freight Priority and FedEx Freight Economy.
- Residential packages must be identified in your shipping transaction.
- The FreightShipmentDetail/FedExFreightAccountNumber and the corresponding FreightShipmentDetail/FedExFreightBillingContactAndAddress for the given freight account number are required entries for all shipments. The billing contact and address must match that in the FedEx Customer Database for the given account number. The account number and billing information should be that of the party that is presenting the information in the shipment transaction.
- If the FreightShipmentDetail/Role is set to CONSIGNEE, then the PaymentType must be set to RECIPIENT, and the FreightShipmentDetail/CollectTermsType of either STANDARD or NON\_RECOURSE\_SHIPPER\_SIGNED must be specified.
- The ShippingChargesPayment/PaymentType is required entry for all shipments. Valid values are: SENDER, RECIPIENT or THIRD\_PARTY.
  - If the ShippingChargesPayment/PaymentType is set to SENDER, then the ShippingChargesPayment/Payor/ResponsibleParty/AccountNumber must be populated with the same account number as that in FreightShipmentDetail/FedExFreightAccountNumber.
  - If the ShippingChargesPayment/PaymentType is set to THIRD\_PARTY, then ShippingChargesPayment/Payor/ResponsibleParty/Contact and ShippingChargesPayment/Payor/ResponsibleParty/Address must both be populated. Required fields are either the company/person name and the phone number. Required address fields are the street line 1, city, state/province code and country code.
  - If the ShippingChargesPayment/PaymentType is set to RECIPIENT, then ShippingChargesPayment/Payor/ResponsibleParty/Contact and ShippingChargesPayment/Payor/ResponsibleParty/Address must both be populated. Required fields are either the company/person name and the phone number. Required address fields are the street line 1, city, state/province code and country code.

### 32.2.2 Packaging

FedEx provides standard packaging options for FedEx Freight Priority and FedEx Freight Economy shipments.

Freight max dimensions are as follows:

- Height: 106 inches
- Width: 93 inches
- Length: 179 inches

*Note: Anything with a length of 180 inches and greater is considered Extreme Length and would need to be flagged as such within in the SpecialServicesRequested element.*

Find Freight packaging guidelines at [fedex.com/us/services/pdf/FreightPackagingGuidelines.pdf](http://fedex.com/us/services/pdf/FreightPackagingGuidelines.pdf)

### 32.2.3 Creating and Printing a Bill of Lading

1. You can indicate within the transaction one of the following formats for a thermal label.
  - a. 4" x 8"
  - b. 4" x 9"
2. You can indicate within the transaction to print a thermal image on plain paper in one of these formats only.
  - a. 4" x 8" PNG or PDF
  - b. 4" x 9" PNG or PDF

## 32.3 FedEx Freight Priority

With industry-leading on-time performance and fast transit times, FedEx Freight Priority delivers your shipments quickly and reliably. Count on our international and nationwide service for extensive next-day and second-day delivery to your customers, all backed by a no-fee money-back guarantee.\*

FedEx Freight Priority service features include:

- Careful handling of shipments.
- Complete coast-to-coast coverage.
- Consistent, on-time reliability.
- Direct delivery to virtually every ZIP code in the continental U.S.
- End-to-end shipment visibility.
- Knowledgeable and dependable employees.
- No-fee money-back guarantee.\*
- State-of-the art information technology with end-to-end shipment visibility.

For more information, contact your account executive, or call our customer service team at 1.866.393.4585.

\*All services are subject to the **terms and conditions** of the FXF 100 Series Rules Tariff.

## 32.4 FedEx Freight Economy

FedEx Freight Economy provides economical delivery, focused on your basic freight shipping needs. FedEx takes care of you and your customers with the on-time reliability and careful handling you expect.

FedEx Freight Economy delivers:

- Economical freight solutions.
- Consistent, on-time reliability.
- Direct delivery to virtually every ZIP code in the contiguous U.S.
- State-of-the art information technology with end-to-end shipment visibility.
- Dedicated team of professionals to assist with all of your freight needs.

For more information, contact your account executive, or call our customer service team at 1.866.393.4585.

\*All services are subject to the **terms and conditions** of the FXF 100 Series Rules Tariff.

## 32.5 Custom Delivery Date Options

FedEx Freight Economy supports Custom Delivery Date options to prepare a shipment to be sent at a specific time, on a specific date, or sometime within a specific date range.

## 32.6 Inside Pickup Service Option

Review the following before shipping using the inside pickup service option.

- Inside pickup service does not require a special service contract with FedEx.
- If a shipment breakdown is needed to fit a shipment through a doorway, additional charges may be assessed.

## 32.7 FedEx Freight Rates and Surcharges

Freight Priority services and special services (accessorials) are supported via FedEx Web Services for rate quote, shipment, and pickup requests. Tracking of Freight shipments is also supported via the PRO number. A single PRO number is assigned to a Freight shipment, regardless of the number of pallets in the shipment.

If your shipping operation charges handling fees in addition to shipping charges, then you can add these handling fees to your total shipment charge.

For applicable FedEx Freight Priority and FedEx Freight Economy package and freight services, an additional surcharge applies to any package that requires special handling pertaining to the following surcharge types:

- Extreme length
- Freight guarantee
- Liftgate delivery
- Protection from freezing
- Delivery area surcharge

Additionally, a fuel surcharge may apply to shipments destined to select ZIP codes.

Find surcharge and fee information in the Fees and Other Shipping Information in the *FedEx Service Guide*.  
Updates to surcharges and fees are available online at [fedex.com/us/2014rates/surcharges-and-fees.html](http://fedex.com/us/2014rates/surcharges-and-fees.html).

Find Freight accessorial service info online at [fedex.com/us/freight/rulestariff/AccessorialsRates.pdf](http://fedex.com/us/freight/rulestariff/AccessorialsRates.pdf).

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

*Note: LTL Freight Offshore (Alaska, Hawaii, Puerto Rico) rating is not currently supported in the FedEx Web Services solution.*

## 32.8 FedEx Freight Coding Details

In addition to the basic complex elements required for all FedEx Web Services requests, the following elements are available for FedEx Freight Priority and FedEx Freight Economy ship requests:

### 32.8.1 Freight Elements

Table 166. Freight Request Elements

Element	Required	Description
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RequestedShipment/ServiceType	Required	Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values. Use one of the following enumerated values: <ul style="list-style-type: none"><li>• FEDEX_FREIGHT_PRIORITY</li><li>• FEDEX_FREIGHT_ECONOMY</li></ul>
RequestedShipment/ShippingChargesPayment	Optional	Descriptive data indicating the method and means of payment to FedEx for providing shipping services. Enter the party responsible for the transportation charges: SENDER, RECIPIENT or THIRD PARTY.
RequestedShipment/ShippingChargesPayment/Payor/ResponsibleParty/AccountNumber	Optional	Identifies the FedEx account number assigned to the customer. If the shipment is a Bill Sender transaction, enter the shipper's FedEx 9 digit Enterprise account number or the 8 or 9 digit Freight account number. If the shipment is Bill Recipient and the payor's FedEx account number is known, enter the payor's FedEx account number.
RequestedShipment/SpecialServicesRequested/FreightGuaranteeDetail/Type	Optional	The type of guarantee. Valid values are: <ul style="list-style-type: none"><li>• GUARANTEED_DATE</li><li>• GUARANTEED_MORNING</li></ul> <i>Note: The Guaranteed delivery options are available for both the Freight Priority service and the Freight Economy service for an additional charge.</i>
RequestedShipment/SpecialServicesRequested/FreightGuaranteeDetail>Date	Optional	Date for all Freight guarantee types.
RequestedShipment/FreightShipmentDetail	Optional	Data applicable to shipments using FedEx Freight services.
RequestedShipment/FreightShipmentDetail/FedExFreightAccountNumber	Required	Account number used with FEDEX_FREIGHT services. If the shipper is responsible for the transportation charges, enter the SAME account number in the FedExFreightAccountNumber that is entered in the ShippingChargesPayment/Payor/ResponsibleParty/Account number. If the shipper is not responsible for the transportation charges, enter a valid FedEx Freight 8- or 9-digit account number.
RequestedShipment/FreightShipmentDetail/FedExFreightBillingContactAndAddress	Required	Enter the Billing Address information in FedExFreightBillingContactAndAddress fields for the above FedExFreightAccountNumber. Entries in FedExFreightAccountNumber and FedExFreightBillingContactAndAddress are required for security purposes.
RequestedShipment/FreightShipmentDetail/AlternateBilling	Optional	Used in connection with "Send Bill To" (SBT) identification of customer's account used for billing. To bill the transportation charges to someone other than the sender or recipient, enter the FedEx account number (9 digit Enterprise account number or 8 or 9 digit Freight account number). <i>Note: If this option is desired, the ShippingChargesPayment Payment must be set to SENDER.</i>

RequestedShipment/FreightShipmentDetail/ AlternateBilling/AccountNumber	Optional	<p>Identifies the FedEx Account number assigned to the customer. If the transportation charges are to be billed to a payor other than the vendor or the recipient, enter the FedEx account number (9 digit Enterprise Account number or the 8 or 9 digit Freight account number).</p> <p><i>Note: If this option is desired, the ShippingChargesPayment/PaymentType must be set to SENDER.</i></p>
RequestedShipment/FreightShipmentDetail/ AlternateBilling/Contact	Required	Descriptive data identifying the point-of-contact person. If an AlternateBilling/Account number has been specified, enter an AlternateBilling/Contact/PersonName and/or AlternateBilling/Contact/CompanyName associated with the AlternateBilling/Address.
RequestedShipment/FreightShipmentDetail/ /AlternateBilling/Address	Optional	<p>The descriptive data for a physical location. If an AlternateBilling/AccountNumber has been specified, enter the corresponding required Billing Address information associated with the specified AlternateBilling/AccountNumber:</p> <ul style="list-style-type: none"> <li>• Street Line</li> <li>• City</li> <li>• State or Province</li> <li>• Country Code</li> </ul>
RequestedShipment/FreightShipmentDetail/ PrintedReferences	Optional	Identification values to be printed during creation of a Freight Bill of Lading.
RequestedShipment/FreightShipmentDetail/Role	Required	<p>Indicates the role of the party submitting the transaction. CONSIGNEE is the equivalent of Collect and SHIPPER is the equivalent of Prepaid.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• CONSIGNEE</li> <li>• SHIPPER</li> </ul>
RequestedShipment/FreightShipmentDetail/ CollectTermsType	Optional	<p>Designates the terms of the "collect" payment for a Freight Shipment.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• SECTION_7_SIGNED</li> <li>• NON-REOURSE_SHIPPER_SIGNED</li> <li>• STANDARD</li> </ul>
RequestedShipment/FreightShipmentDetail/ DeclaredValuePerUnit	Optional	Identifies the declared value for the shipment.
RequestedShipment/FreightShipmentDetail/ /DeclaredValueUnits	Optional	Identifies the declared value units corresponding to the above defined declared value.
RequestedShipment/FreightShipmentDetail/ LiabilityCoverageDetail	Optional	Identifies the Liability Coverage Amount. For January 2011, this value represents coverage amount per pound
RequestedShipment/FreightShipmentDetail/ Coupons	Optional	Identifiers for promotional discounts offered to customers.

RequestedShipment/FreightShipmentDetail/ TotalHandlingUnits	Required	Total number of individual handling units in the entire shipment (for unit pricing).
RequestedShipment/FreightShipmentDetail/ ClientDiscountPercent	Optional	Estimated discount rate provided by client for unsecured rate quote.
RequestedShipment/FreightShipmentDetail/ PalletWeight	Optional	Total weight of pallets used in shipment.
RequestedShipment/FreightShipmentDetail/ ShipmentDimensions	Optional	Overall shipment dimensions.
RequestedShipment/FreightShipmentDetail/ /Comment	Optional	Description for the shipment.
FreightShipmentDetail/SpecialServicePayments	Optional	Specifies which party will pay surcharges for any special services which support split billing.
RequestedShipment/FreightShipmentDetail/ SpecialServicePayments/SpecialService	Optional	Identifies the special service.
RequestedShipment/FreightShipmentDetail/ SpecialServicePayments/PaymentType	Optional	Indicates who will pay for the special services.
RequestedShipment/FreightShipmentDetail/ HazardousMaterialsEmergencyContactNumber	Optional	Must be populated if any line items contain hazardous materials.
RequestedShipment/FreightShipmentDetail/ HazardousMaterialsOfferor	Optional	Must be populated with a contact name if any line items contain hazardous materials.
RequestedShipment/FreightShipmentDetail/ LineItems	Optional	Details of the commodities in the shipment.
RequestedShipment/FreightShipmentDetail/ /LineItems/FreightClass	Required	Freight class for this line item.
RequestedShipment/FreightShipmentDetail/ LineItems/HandlingUnits	Optional	Number of individual handling units to which this line applies. <i>Note: Total of line-item-level handling units may not balance to shipment-level total handling units.)</i>
RequestedShipment/FreightShipmentDetail/ /LineItems/Packaging	Required	Specification of handling-unit packaging for this commodity or class line.
RequestedShipment/FreightShipmentDetail/ /LineItems/Pieces	Required	Number of pieces for this commodity or class line.
RequestedShipment/FreightShipmentDetail/ LineItems/NmfcCode	Optional	NMFC Code for commodity.
RequestedShipment/FreightShipmentDetail/ LineItems/HazardousMaterials	Optional	Indicates the kind of hazardous material content in this line item.

RequestedShipment/FreightShipmentDetail/ LineItems/BillOfLadingNumber	Optional	For printed reference per line item.
RequestedShipment/FreightShipmentDetail/ LineItems/PurchaseOrderNumber	Optional	For printed reference per line item.
RequestedShipment/FreightShipmentDetail/ LineItems/Description	Required	Customer-provided description for this commodity or class line.
RequestedShipment/FreightShipmentDetail/ LineItems/Weight	Required	Weight for this commodity or class line.
RequestedShipment/FreightShipmentDetail/ LineItems/Weight/Units		Identifies the unit of measure associated with a weight value. See the list of enumerated types for valid values. Valid values are: <ul style="list-style-type: none"><li>• KG</li><li>• LB</li></ul>
RequestedShipment/FreightShipmentDetail/ LineItems/Weight/ValueDecimal	Required	Identifies the weight value of a package/shipment.
RequestedShipment/FreightShipmentDetail/ LineItems/Volume	Optional	Volume (cubic measure) for this commodity or class line.
RequestedShipment/ ShippingDocumentSpecification	Required	Indicates the types of shipping documents produced for the shipper by FedEx
RequestedShipment/ ShippingDocumentSpecification/ DangerousGoodsShippersDeclarationDetail	Optional	Indicates the instructions on how to print the 1421c form for dangerous goods shipment.
DangerousGoodsShippersDeclarationDetail/ Format	Optional	Specifies characteristics of a shipping document to be produced.
DangerousGoodsShippersDeclarationDetail/ CustomerImageUsages	Optional	Specifies the usage and identification of customer supplied images to be used on this document.
RequestedShipment/ ShippingDocumentSpecification/ ShippingDocumentTypes	Required	Indicates the types of shipping documents requested by the shipper
RequestedShipment/ ShippingDocumentSpecification/ FreightAddressLabelDetail/StartingPosition	Optional	Specifies which quadrant on an 8-1/2" x 11" sheet is the starting quadrant for printing the Freight address labels in a "4 per sheet" configuration. Valid values are: <ul style="list-style-type: none"><li>• BOTTOM_LEFT</li><li>• BOTTOM_RIGHT</li><li>• TOP_LEFT</li><li>• TOP_RIGHT</li></ul>
RequestedShipment /ShippingDocumentSpecification/	Optional	If omitted, no doc-tab will be produced (i.e. default - former NONE type).

FreightAddressLabelDetail/DocTabContent		
ShippingDocumentSpecification/ ReturnInstructionsDetail	Optional	Specifies the production of the return instructions document (document characteristics and printing). This information will print on the Return Instructions returned in the transaction for the Print Return Label.
ReturnInstructionsDetail/Format	Optional	Common information controlling document production.
ReturnInstructionsDetail/CustomText	Optional	Specifies additional customer provided text to be inserted into the return document.

**Table 167. Optional Pickup Request Elements**

Element		Description
CreatePickupRequest/AssociatedAccountNumber	Optional	The number associated with the FedEx Account.
CreatePickupRequest/OriginDetail	Optional	Descriptive data about the origin of the shipment being picked up by FedEx.
CreatePickupRequest/FreightPickupDetail	Optional	Descriptive data for a freight shipment being picked up by FedEx. This element is only required when requesting a freight service pickup and should not be used for other types of pickups including FedEx Freight pickups
CreatePickupRequest/CarrierCode	Optional	Identifies the FedEx service that is being sent the package pickup request.
CreatePickupRequest/Remarks	Optional	Identifies any remarks or comments to be passed to the FedEx courier picking up the shipment.

**Table 168. Freight Reply Elements**

Element	Description
CompletedShipmentDetail/ ShipmentRating/ActualRateType	The rate type identifies which entry in the following array is considered ad presenting the "actual" rates for the shipment.
CompletedShipmentDetail/ ShipmentRating/EffectiveNetDiscount	The "list" total net charges minus "actual" total net charges.
CompletedShipmentDetail /ShipmentRating/ShipmentRateDetails	Each element of this field provides shipment-level rate totals for a specific rate type.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/RateType	Type used for this specific set of rate data.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/RateScale	Indicates the rate scale used.

CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/RateZone	Indicates the rate zone used (based on origin and destination).
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/PricingCode	Identifies the type of pricing used for this shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ RatedWeightMethod	Indicates which weight was used.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/CurrencyExchangeRate	Specifies the currency exchange performed on financial amounts for this rate.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/SpecialRatingApplied	Indicates which special rating cases applied to this shipment.
CompletedShipmentDetail /ShipmentRating/ShipmentRateDetails/DimDivisor	The value used to calculate the weight based on the dimensions.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/FuelSurchargePercent	Specifies a fuel surcharge percentage.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/TotalBillingWeight	The weight used to calculate these rates.
CompletedShipmentDetail /ShipmentRating/ShipmentRateDetails/TotalDimWeight	Sum of dimensional weights for all packages.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/TotalBaseCharge	The total freight charge that was calculated for this package before surcharges, discounts and taxes.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/TotalFreightDiscounts	The total discounts used in the rate calculation.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/TotalNetFreight	The freight charge minus discounts.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ TotalSurcharges	The total amount of all surcharges applied to this shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ TotalNetFedExCharge	This shipment's totalNetFreight + totalSurcharges (not including totalTaxes).
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ TotalTaxes	Total of the transportation-based taxes.
CompletedShipmentDetail /ShipmentRating/ShipmentRateDetails/	The net charge after applying all discounts and surcharges.

TotalNetCharge	
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ TotalRebates	The total sum of all rebates applied to this shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ TotalDutiesAndTaxes	Total of all values under this shipment's dutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ TotalNetChargeWithDutiesAndTaxes	This shipment's totalNetCharge + totalDutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment AND duties, taxes and transportation charges are all paid by the same sender's account.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail	Rate data specific to FedEx Freight services.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/QuoteNumber	A unique identifier for a specific rate quotation.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/QuoteType	Specifies the type of rate quote. Valid values are: <ul style="list-style-type: none"> <li>• AUTOMATED</li> <li>• MANUAL</li> </ul>
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseChargeCalculation	Specifies how total base charge is determined.
CompletedShipmentDetail/ShipmentRating/ ShipmentRateDetails/FreightRateDetail/BaseCharges	Individual charge which contributes to the total base charge for the shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseCharges/FreightClass	Freight class type. These values represent the industry-standard freight classes used for FedEx Freight Priority and FedEx Freight Economy shipment description. <i>Note: The alphabetic prefixes are required to distinguish these values from decimal numbers on some client platforms.</i> Valid values are: <ul style="list-style-type: none"> <li>• CLASS_050</li> <li>• CLASS_055</li> <li>• CLASS_060</li> <li>• CLASS_065</li> <li>• CLASS_070</li> <li>• CLASS_077_5</li> <li>• CLASS_085</li> </ul>

	<ul style="list-style-type: none"> <li>• CLASS_092_5</li> <li>• CLASS_100</li> <li>• CLASS_110</li> <li>• CLASS_125</li> <li>• CLASS_150</li> <li>• CLASS_175</li> <li>• CLASS_200</li> <li>• CLASS_250</li> <li>• CLASS_300</li> <li>• CLASS_400</li> <li>• CLASS_500</li> </ul>
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseCharges/RatedAsClass	Effective freight class used for rating this line item.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseCharges/NmfcCode	NMFC Code for commodity.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseCharges/Description	Customer-provided description for this commodity or class line.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseCharges/Weight	Weight for this commodity or class line.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseCharges/ChargeRate	Rate or factor applied to this line item.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseCharges/ChargeBasis	Identifies the manner in which the chargeRate for this line item was applied.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/BaseCharges/ExtendedAmount	The net or extended charge for this line item.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/Notations	Human-readable descriptions of additional information on this shipment rating.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightRateDetail/Notations/Code	Unique identifier for notation.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/	Human-readable explanation of notation.

FreightRateDetail/Notations/Description	
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ FreightDiscounts	All rate discounts that apply to this shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ Rebates	All rebates that apply to this shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ Surcharges	All surcharges that apply to this shipment.
CompletedShipmentDetail /ShipmentRating/ShipmentRateDetails/ Taxes	All transportation-based taxes applicable to this shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ DutiesAndTaxes	All commodity-based duties and taxes applicable to this shipment.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ VariableHandlingCharges	The "order level" variable handling charges.
CompletedShipmentDetail/ ShipmentRating/ShipmentRateDetails/ TotalVariableHandlingCharges	The total of all variable handling charges at both shipment (order) and package level.

# 33. FedEx Intra-Country Shipping

Use the ShipService WSDL to ship domestically within the countries listed in the following tables. These tables describe shipping areas and services, special handling options, packaging requirements, weight and dimension limits, and coding and service details for intra-country shipping transactions. Intra-country shipping within most European countries and Mexico requires specific test and production credentials for each country. Credentials can be obtained from the Developer Resource Center.

## 33.1 Services and Service Areas

The service areas for intra-country shipping are detailed below.

### 33.1.1 Canada

Table 169. Canadian Services

FedEx Ground®	FedEx Priority Overnight®	FedEx First Overnight®	FedEx Standard Overnight®	FedEx Economy	FedEx 2Day® Service	FedEx 1 Day® Freight
X	X	X	X	X	X	X

*Note: FedEx Standard Overnight Intra-Canada Express service for non-freight shipments offers delivery by 5:00 pm the next business day (by 8:00pm if residential delivery is selected) with variable day commitment. For more information on International Signature Options, see [Delivery Signature Options](#).*

### 33.1.2 Europe, the Middle East and Africa

Table 170. Europe, the Middle East and Africa Services and Service Areas

Country	FedEx Priority Overnight	FedEx Economy	FedEx Standard Overnight®	FedEx 1Day Freight™	FedEx® Next Day by 9 a.m.	FedEx® Next Day by 10 a.m.	FedEx® Next Day by 12 noon	FedEx® Next Day
Austria	X							
Belgium	X							
Czech Republic	X							
Denmark	X							
Finland	X							
France	X							
Germany	X	X						
Hungary	X							
India	X	X	X					

Italy	X							
Luxembourg	X							
Norway	X							
Poland	X							
Spain	X	X						
Sweden	X							
Switzerland	X							
The Netherlands	X							
United Arab Emirates			X	X				
United Kingdom		X		X	X	X	X	X

*Note: Intra-country shipping in Belgium, Denmark, France, Germany, Italy, Luxembourg and the Netherlands was introduced in 2012; however, those services and options have been enhanced for 2013.*

### 33.1.3 Latin America and the Caribbean

Table 171. Latin America and the Caribbean Services and Service Areas

Country	FedEx Priority Overnight®	FedEx First Overnight®	FedEx Economy	FedEx Standard Overnight®	FedEx 1Day® Freight	FedEx 2Day® Freight
Colombia	X		X		X	X
Mexico	X	X	X	X	X	X

## 33.2 Intra-Country Services Overview

The following information gives an overview of the services that are available for intra-country shipping. Not all services are available in all areas. Refer to Services and Service Areas for more information on which services are available where.

### 33.2.1 FedEx Economy

FedEx Economy® provides delivery in 3 business days to businesses by 4:30 p.m. and to residences by 7 p.m. For an intra-United Kingdom shipment, you can ship a package to an address within the U.K. and deliver within 2 - 7 business days (by end of day) variable delivery commitment. Supports the customer packaging type.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.
- Available for intra-country shipping in Mexico.
- Options are [Dangerous Goods](#) inaccessible items only, [Delivery Signature Options](#),

Hold at FedEx Location and Saturday Service.

### 33.2.2 FedEx First Overnight

FedEx First Overnight<sup>®</sup> provides early-morning delivery between 8 and 10 a.m. depending upon the destination postal code.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.
- Options include Saturday Service, Dangerous Goods support for Dry\_Ice\_Shipments only, and Delivery Signature Options.

### 33.2.3 FedEx Priority Overnight

FedEx Priority Overnight<sup>®</sup> provides next-business-day delivery by 10:30 a.m. to most U.S. addresses, by noon, 4:30 p.m. or 5 p.m. in remote areas. Deliveries are also made on Saturdays by noon, 1:30 p.m. or 4:30 p.m.

Service days are Monday through Friday with Saturday pickup and delivery available for an extra charge.

### 33.2.4 FedEx Standard Overnight

FedEx Standard Overnight<sup>®</sup> provides next-business day delivery by 3 p.m. to most addresses; by 4:30 p.m. to rural areas.

Service days are Monday through Friday with Saturday pickup and delivery available for an extra charge.

### 33.2.5 FedEx 1Day Freight

FedEx 1Day<sup>®</sup> Freight service provides next-business-day delivery for packages/skids weighing in excess of 150 lbs. The business rules are:

- Service days are Monday through Friday, with Saturday pickup and delivery available to many major markets.
- A booking number is required for this service. Call 1.800.332.0807 to book your freight shipment.
- Skid and/or package size and weight: Exceeding 119" in length or 80" in width or 70" in height. Individual packages and/or skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs. require prior approval by FedEx.

### 33.2.6 FedEx 2Day Freight

FedEx 2Day<sup>®</sup> Freight services provide delivery in 2 business days for packages or skids weighing in excess of 150 lbs. The business rules are as follows:

- Service days are Monday through Friday, with Saturday pickup and delivery available to many major markets.
- Skid and/or package size and weight: Exceeding 119" in length or 80" in width or 70" in height. Individual packages/skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs. require prior approval by FedEx.

### 33.2.7 FedEx Ground

The following rules apply to FedEx Ground shipping transactions:

- Do not include fields for Saturday delivery or pickup. This service option is not available for FedEx Ground.
- When estimating time-in-transit or ship dates, consider FedEx Ground delivery days: Mon. through Fri. (8 a.m. to close of business day).

- Do not include packages over 150 lbs. in a FedEx Ground shipment.
- Do not include HazMat packages over 70 lbs. in a FedEx Ground shipment.
- Do not include ORM-D/Limited Quantity packages over 66 lbs. in a FedEx Ground shipment.
- Do not include special accessorial Hold at Location with a HazMat or ORM-D/Limited Quantity shipment.
- Do not include packages which exceed 108" in length or 165" in length plus girth (L + 2W + 2H).
- Before you ship hazardous materials, you must be certified to do so. See [fedex.com](#) for certification and training information.

### 33.2.8 FedEx SameDay

FedEx SameDay® service provides door-to-door delivery within hours between select cities and postal codes in an area.

Use the `SAME_DAY` element to identify this service type when shipping a package.

### 33.2.9 FedEx SameDay City

FedEx SameDay® City service provides cross-city delivery within hours in select cities and postal codes. Pickups and deliveries can be made Monday through Friday.

Use the `SAME_DAY_CITY` element to identify this service type when shipping a package.

A contract is required to use FedEx SameDay City service. See your FedEx Account Executive for more information about SameDay City.

*Note: Manual air waybills are not available with SameDay City service.*

## 33.3 Special Service Options

The following special services are allowed (depending on the destination location): [Saturday\\_Service](#), [Dangerous\\_Goods](#), [FedEx\\_Express\\_Collect\\_on\\_Delivery\\_C\\_O\\_D](#), [Hold\\_at\\_FedEx\\_Location](#), and [FedEx\\_Priority\\_Alert\\_Options](#) (for contracted accounts only).

### 33.3.1 Service Options for Canada

These special service options are available in Canada:

- Future Day Shipping
- Hold at Location
- Residential Delivery

### 33.3.2 Service Options for Latin America and the Caribbean

Table 172. Latin America and the Caribbean Special Service Options

Country	Delivery on Invoice Acceptance	Freight to Collect	Future Day Shipping	Hold at Location	Residential Delivery
Colombia			X	X	X
Mexico		X	X	X	X

### 33.3.3 Service Options for Europe, the Middle East and Africa

Table 173. Europe, the Middle East and Africa Special Service Options

Country	Dangerous Goods	Dry Ice	Freight to Collect	Future Day	Hold at Location	Holiday Delivery	On Call Pickup	Priority Alert	Priority Alert Plus	Residential Delivery	Returns	Saturday Delivery	Ship Alerts	Special Delivery	Sunday Delivery
Austria	X	X			X		X	X	X		X		X		
Belgium	X	X		X	X		X	X	X	X	X		X		
Czech Republic	X	X			X		X	X	X		X		X		
Denmark	X	X		X	X		X	X	X	X	X		X		
Finland	X	X			X		X	X	X		X		X		
France	X	X		X	X		X	X	X	X	X		X		
Germany	X	X		X	X		X	X	X	X	X		X		
Hungary	X	X			X		X	X	X		X		X		
India	X	X	X	X	X	X	X	X	X				X	X	X
Italy	X	X		X	X		X	X	X	X	X		X		

Luxembourg	X	X		X	X		X	X	X	X	X		X		
The Netherlands	X	X		X	X		X	X	X		X		X		
Norway	X	X			X		X	X	X		X		X		
Poland	X	X			X		X	X	X		X		X		
Russia	X	X			X		X	X	X		X		X		
Spain	X	X			X		X	X	X		X		X		
Sweden	X	X			X		X	X	X		X		X		
United Kingdom		X						X		X	X	X			

### 33.3.3.1 India Details

Not all special service options are available for each service. This table lists the options that are supported with each service.

**Table 174. India Special Service Options**

Special Service Option	FedEx Priority Overnight	FedEx Standard Overnight	FedEx Economy
Collect on Delivery (C.O.D.)		X	X
Dangerous Goods		X	X
Delivery Invoice Acceptance (D.I.A.)		X	X
Dry Ice		X	X
Freight on Value Carrier Risk	X	X	X
Freight on Value Own Risk	X	X	X
Freight to Collect	X	X	X
Hold at Location	X	X	X
Holiday, Special and Sunday Delivery	X	X	X
Outside Delivery Area (ODA)	X	X	X
Outside Pickup Area (OPA)	X	X	X

Priority Alert		X	
Priority Alert Plus		X	

*Note: Freight on Value, C.O.D., D.I.A., and Sunday, Holiday and Special Delivery must be enabled for your account. See your FedEx Account Executive for more information on using these special handling options. Also, ODA is not supported with Hold at Location or Priority Alert/Priority Alert Plus, and Priority Alert is not supported with Inaccessible Dangerous Goods.*

### 33.3.4 Collect on Delivery

For intra-India shipments with the Collect on Delivery (C.O.D.) option, FedEx will deliver goods to the consignee, collect payment for those goods and remit the payment to the FedEx customer or shipper. Allows Unsecured Payments (U), Secured Payments (S) and Cash (R). Unsecured payments include personal check, business check and certified check. Secured payments include banker's check and demand draft.

When using this service the following rules apply.

- These are not valid C.O.D. payment options: traveler's checks, credit cards, counter checks, checks endorsed by a third party or checks made payable to FedEx.
- These requirements apply when the C.O.D. option is combined with the D.I.A. special handling option for intra-India shipments:
  - You may select either or both services, such as COD only, DIA only or COD/DIA combined.
  - You must return both the C.O.D. remit and the D.I.A. receipt to the same address if both options are selected.
  - C.O.D. and D.I.A. shipments travel on a separate label from standard shipments and are subject to a surcharge. Outbound shipping attributes, such as size, weight, MPS and so on, are the same as a standard shipment.
  - C.O.D. and D.I.A. special handling options are only available with FedEx Standard Overnight (SO) and FedEx Express Saver (XS).
  - Weight limit is 1-68 kg.
  - Payment/Invoice maximum value is 5,000,000 INR. Cash payment maximum limit is 20,000 INR.
  - Remit shipments for C.O.D. and D.I.A. travel on FedEx Priority Overnight (PO) service and require no clearance support as they are documents.
  - Unless you provide a new delivery address for the remit shipment, the remit will be returned to the original shipper as the default.
  - Freight To Collect is not a valid special handling option with C.O.D. or D.I.A.

### 33.3.5 Delivery on Invoice Acceptance

For intra-India shipments with the Delivery on Invoice Acceptance (D.I.A.) option, you can request that the recipient sign the Commercial Invoice (CI) at delivery and have FedEx return it to the FedEx customer or shipper.

### 33.3.6 Return Receipt

Return Receipt provides formal proof of delivery (POD) to a shipper that includes both FedEx-generated detail Air Waybill information and a formal signature/stamp from the recipient company. The stamped/signed POD is physically returned to the sender.

This special handling option

- Is supported for FedEx Express and FedEx Freight intra-Mexico shipments for manual Air Waybill (AWB) shipping only.

- Includes a flat fee surcharge per shipment. The special handling code used to identify this option is 70.

*Note: The Freight To Collect special handling option takes precedence the Return Receipt.*

### 33.3.7 Freight to Collect

Freight to Collect (FTC) is a FedEx Express® value-added payment option in which the transportation charges are paid by the recipient in cash at the time of delivery. The shipper account number is required for the shipment as a backup form of payment if the recipient refuses the shipment or cannot pay. The FTC surcharge is applied per shipment with no available discounts; only list rates will apply. Local country standard operating procedures will manage this requirement for paper Air Waybills.

FTC will display on an intra-India and intra-Mexico FTC shipping label, including multiple-piece shipping labels. The FTC amount is not printed unless configured on the doc-tab. The special handling code used to identify this option is 22 and is included on the 1D and 2D barcode.

The following services are available with FTC.

**Table 175. Freight to Collect with Intra-Country Shipping**

Country	FedEx First Overnight	FedEx Priority Overnight	FedEx Standard Overnight	FedEx 1Day Freight	FedEx 2Day Freight	FedEx Express Saver
Mexico	X	X	X	X	X	X
India		X	X	X		X

#### 33.3.7.1 Rules

- FTC option takes precedence over the selection of FedEx SameDay services and the Return Receipt on a paper Air Waybill (AWB).
- FTC surcharge takes precedence over any other surcharges that would otherwise be applied, such as Commercial Delivery.
- Rate quotes are limited to list rates only.
- Return list rates by specifying the FREIGHT\_TO\_COLLECT element with the RECIPIENT payment type, without including the account number.
- Return account specific rates by specifying the FREIGHT\_TO\_COLLECT element with the SENDER payment type and include the account number.

#### 33.3.7.2 Restrictions

FTC cannot be combined with the COD/DIA service option.

### 33.4 Colombia

The following information pertains to intra-country shipping within Colombia.

#### 33.4.1 Rules for Colombia

- Packaging Types  
Only the FedEx Envelope and customer packaging are supported.
- Weight and Dimension Limits

**Table 176. Colombia Package Limitations**

Packaging	Service	Dimension	Error Message
Customer Packaging	1Day Freight (Express) 2Day Freight (Express)	Weight > 1,000 kgs / 2,206 lbs	0270 "The weight limit for this service type has been exceeded."
		Length > 302 cm / 119 in	0422 "Length cannot be greater than the maximum allowed."
		Width > 302 cm / 119 in	2025 "Width cannot be greater than the maximum allowed."
		Height > 178 cm / 70 in	2083 "Height cannot be greater than the maximum allowed."
		Length + Girth > 1,064 cm / 419 in	0421 "Length & girth combined cannot be greater than the maximum allowed."

## 33.5 India

The following information pertains to intra-country shipping within India.

### 33.5.1 Rules for India

- Collect on Delivery (C.O.D.) and Delivery Invoice Acceptance (D.I.A.)

When the shipment is C.O.D. or D.I.A. only, the C.O.D. or D.I.A. return address fields will be used first if included, respectively. If not, the original shipper address will be used.

C.O.D. and D.I.A. may be selected together or separately. If both are requested, the existing C.O.D. return fields will be used; there are no combination C.O.D./D.I.A. return fields.

If a shipment is both C.O.D. and D.I.A., only one return address will be supported. The return label will be populated with the C.O.D. return address if it is included in the transaction, otherwise the shipper address information will be used. The D.I.A. return fields will be ignored.

- Collection Types

The following collection types are supported:

- Cash
- Company Check
- Personal Check
- Demand Draft
- Pay Order

- Clearance/Tax Documents

Clearance and/or tax documents may be required for interstate transit.

- Dangerous Goods

Excepted Package Radioactive Reportable Quantity (EPRRQ) shipments are supported for intra-India shipments.

- Hold at Location

Hold at Location and Sunday Delivery special services cannot be combined.

- Limitations on Commercial Value and Weight

For FedEx Express Standard Overnight shipments, the total invoice value cannot exceed 5 million INR and the total weight cannot exceed 68 kgs.

- Multiple Piece Shipments
  - If the first piece is FedEx Priority Overnight, then all pieces in the shipment must qualify for FedEx Priority Overnight.
  - If any subsequent piece in the shipment does not qualify for FedEx Priority Overnight, then an error is returned for that piece.
  - If the invoice value of all pieces in the shipment make the shipment ineligible for FedEx Priority Overnight, then an error is returned and the shipment fails.

- Package Type
  - Only customer packaging is supported.
- Payment Types

The following payment types are supported:

- Bill Sender
- Bill Recipient or Consignee
- Bill Third Party

- Purpose of Shipment

Shipments with the purpose of "Sold" are not allowed with Priority Overnight service in India.

The purpose of shipment is required for intra-India Standard Overnight and Economy shipments.

- State/Province Code Required

The state/province code is required with intra-India shipping.

- Sunday Delivery

*See Hold at Location above.*

### 33.5.2 Intra-India Shipping Weight and Dimension Limits

Intra-India shipping is only available in the Ship WSDL v12 and higher.

**Table 177. Intra-Country Shipping Weights and Dimension Limits**

	FedEx Priority Overnight	FedEx Standard Overnight	FedEx Express Saver
Size and Weight Restrictions	Maximum allowable weight for single piece: 31 kg/ 68.2 lbs	Maximum allowable weight for single piece: 68 kg/ 149.6 lbs	Maximum allowable weight for single piece: 68 kg/ 149.6 lbs
Dimensional Limitations	Length: 274 cm/ 108 inches Width: 157 cm/ 62 inches Height: 157 cm/ 62 inches Combined length + girth = 330 cm/ 130 inches <ul style="list-style-type: none"> <li>• A shipment is considered oversized if it is more than 274 cm in length or if it is more 330 cm length and girth combined.</li> <li>• Length is defined as the longest side of the object or package.</li> <li>• Girth is calculated as twice the width plus twice the height of the package.</li> </ul>		

The available Service Types for intra-India shipments are Priority Overnight, Standard Overnight, and FedEx Express Saver. See table [India Special Service Options](#) for guidelines when choosing an intra-India shipping option.

### 33.5.3 Intra-India Coding Details

Table 178. ProcessShipmentRequest

Element	Required	Description
RequestedShipment	Yes	Descriptive data about the shipment being sent by the requestor.
RequestedShipment/ShipTimestamp	Yes	Identifies the date and time the package is tendered to FedEx. Both the date and time portions of the string are expected to be used.
RequestedShipment/DropoffType	Yes	Identifies the method by which the package is to be tendered to FedEx.
RequestedShipment/ServiceType	Yes	Identifies the FedEx services to use in shipping the package. Valid values are: <ul style="list-style-type: none"> <li>• PRIORITY_OVERNIGHT</li> <li>• FEDEX_EXPRESS_SAVER</li> <li>• FEDEX_1_DAY_FREIGHT</li> <li>• STANDARD_OVERNIGHT</li> </ul>
RequestedShipment/PackagingType	Yes	Identifies the packaging used by the requestor for the package. Valid value is: <ul style="list-style-type: none"> <li>• YOUR_PACKAGING</li> </ul>
RequestedShipment/Shipper	Yes	Descriptive data identifying the party responsible for shipping the package. Shipper and Origin should have the same address.
RequestedShipment/Recipient	Yes	Descriptive data identifying the party receiving the package.
RequestedShipment /ShippingChargesPayment/Payment/ PaymentType	No	Descriptive data indicating the method and means of payment to FedEx for providing shipping services. Valid values are: <ul style="list-style-type: none"> <li>• ACCOUNT</li> <li>• COLLECT</li> <li>• RECIPIENT</li> <li>• SENDER</li> <li>• THIRD_PARTY</li> </ul>
RequestedShipment/ SpecialServicesRequested	No	Descriptive data regarding special services requested by the shipper for this shipment.
RequestedShipment/ SpecialServicesRequested/CodDetail	No	Descriptive data required for a FedEx COD (Collect-on-Delivery)

		shipment.
RequestedShipment/ SpecialServicesRequested/ DeliveryOnInvoiceAcceptanceDetail	No	The Recipient and Tracking ID data for the Delivery On Invoice Acceptance service.
RequestedShipment/ SpecialServicesRequested/ HoldAtLocationDetail	No	Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient.
RequestedShipment/ SpecialServicesRequested/ ShipmentDryIceDetail	No	Number of packages in this shipment which contain dry ice and the total weight of the dry ice for this shipment.
RequestedShipment/ CustomsClearanceDetail/FreightOnValue	No	<p>Identifies responsibilities with respect to loss, damage, etc. Valid values are:</p> <ul style="list-style-type: none"> <li>• CARRIER_RISK</li> <li>• OWN_RISK</li> </ul> <p><i>Note: This element is only valid for intra-India shipping. If this element is added on an international shipment, it will cause a hard stop.</i></p>
RequestedShipment/ LabelSpecification	Yes	Details about the image format and printer type for the label.
RequestedShipment/ RateRequestTypes	Yes	Specifies whether and what kind of rates the customer wishes to have quoted on this shipment. The reply will also be constrained by other data on the shipment and customer.
RequestedShipment/ PackageCount	Yes	The total number of package in the entire shipment (even when the shipment spans multiple transactions).
RequestedShipment/ RequestedPackageLineItems	No	One or more package-attribute descriptions, each of which describes an individual package, a group of identical packages, or (for the total-piece-total-weight case) common characteristics of all packages in the shipment.
RequestedShipment/RequestedPackageLineItem/ SpecialServicesRequested/ PackageSpecialServicesRequested/ SpecialServiceTypes	No	<p>The types of all special services requested for the enclosing shipment or package. Valid values are:</p> <p>COD DANGEROUS_GOODS DRY_ICE</p>

		FREIGHT_TO_COLLECT
RequestedShipment/ RequestedPackageLineItem/SpecialServicesRequested/ PackageSpecialServicesRequested/DangerousGoodsDetail	No	Descriptive data required for a FedEx shipment containing dangerous materials.
RequestedShipment/RequestedPackageLineItems/ SpecialServicesRequested/DangerousGoodsDetail/ UploadedTrackingNumber		Customers reference the previously uploaded DG shipment in the Ship/OpenShip request by passing in 'UploadedTrackingNumber' in the request to complete the shipment and produce the label. DG data upload mode is identified by the presence of UploadedTrackingNumber.
ProcessShipmentRequest/RequestedShipment/ SpecialServicesRequested/ShipmentDryIceDetail		
CreatePickupRequest/ FreightPickupDetail/FreightPickupLineItem /ShipmentSpecialServicesRequested/ExtraLaborDetail	No	Specification for labor to be performed with the shipment. List the total labor time in ExtraLaborDetail/Duration.
CreatePickupRequest/FreightPickupDetail /FreightPickupLineItem/ShipmentSpecialServicesRequested /ExtraLaborDetail	No	Specifies details for a package containing alcohol

An EXTRA\_SURFACE\_HANDLING\_CHARGE will be assessed for all FedEx Express Saver Intra-India shipments.

*Note: For more information about C.O.D. coding details, see [FedEx Express C.O.D. Coding Details](#).*

**Table 179. Intra-India Shipping Surcharge Reply Element**

Element	Description
CompletedShipmentDetail /CompletedPackageDetail/ PackageRating/PackageRateDetail/ Surcharges/SurchargeType/EXTRA_SURFACE_HANDLING_CHARGE	Surcharge for all FedEx Express Saver Intra-India shipments.

## 33.6 Mexico

The following information pertains to intra-country shipping within Mexico.

### 33.6.1 Rules for Mexico

- Contract Required  
A contract is required for FedEx Same Day City service. Contact your FedEx sales representative for details.
- Packaging Types  
Only the FedEx Envelope and customer packaging are supported.
- Weight and Dimension Limits

**Table 180. Mexico Package Limitations**

Packaging	Service	Service Option	Dimension	Error Message
Customer Packaging	First Overnight Priority Overnight Standard Overnight	Priority Alert Priority Alert Plus	Weight > 68 kgs / 150 lbs	0270 "The weight limit for this service type has been exceeded."
			Length > 274 cm / 108 in	0422 "Length cannot be greater than the maximum allowed."
			Width > 274 cm / 108 in	2025 "Width cannot be greater than the maximum allowed."
			Height > 274 cm / 108 in	2083 "Height cannot be greater than the maximum allowed."
			Length + Girth > 330 cm / 130 in	0421 "Length & girth combined cannot be greater than the maximum allowed."

### 33.6.2 Intra-Mexico Coding Details

**Table 181. Intra-Mexico Request Elements**

Element	Description
RequestedShipment/ServiceType	<p>Identifies the FedEx services to use in shipping the package.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• FEDEX_1_DAY_FREIGHT</li> <li>• FEDEX_2_DAY_FREIGHT</li> <li>• FIRST_OVERNIGHT</li> <li>• FEDEX_EXPRESS_SAVER</li> <li>• SAME_DAY</li> <li>• SAME_DAY_CITY</li> <li>• PRIORITY_OVERNIGHT</li> <li>• STANDARD_OVERNIGHT</li> </ul>
RequestedShipment/ SpecialServicesRequested/SpecialServiceTypes	<p>The types of all special services requested for the enclosing shipment or package.</p> <p>Valid values are:</p> <p>FREIGHT_TO_COLLECT</p> <p>Return list rates by specifying the FREIGHT_TO_COLLECT element with the RECIPIENT payment type without including the account number.</p> <p>Return account specific rates by specifying the FREIGHT_TO_COLLECT element with the SENDER payment type and include the account number.</p>

## 33.7 United Kingdom

The following information pertains to intra-country shipping within the United Kingdom.

### 33.7.1 Rules for The United Kingdom

- Contract Required  
Intra-UK shipping must be enabled for your account.
- Dangerous Goods  
You must be approved by FedEx before you can ship dangerous goods. Contact your FedEx sales representative for more information.
- Minimum Billable Weight  
There is a minimum billable weight of 250 KGS / 550 LBS for intra-United Kingdom FedEx Freight shipments. Also, the weight must be greater than zero. If it is not, Error Message 0531, "Package weight cannot be zero or left blank," is returned and the transaction fails.
- Rating  
Full postal codes are required when requesting rates. Using a partial postal code when requesting rating may result in an incorrect rate quote.
- Returns  
Only FedEx Express Return Tags are enabled. If Express Return Tags are not enabled for a specific location, however, then Error Message 2541, "Returns Not Available To and/or From Location" is returned and the shipment fails.  
  
Express Return tags are limited to single piece shipments and cannot be combined with dangerous goods, dry ice, appointment delivery, Hold at Location, email notifications or rate quotes. FedEx Print Return Labels are not supported for Intra-United Kingdom shipments.

*Note: Dimensions are required for freight returns and also limited to one piece per FedEx Express Return Tag request.*

### 33.7.2 Intra-UK Coding Details

Tracking is supported for all intra-UK shipments. In addition to the basic elements required to generate a shipment, the following elements apply specifically to intra-country shipping in the UK.

Table 182. Intra-UK Request Elements

Element	Description
RequestedShipment/ServiceType	Identifies the FedEx service to use in shipping the package. Valid values are: <ul style="list-style-type: none"><li>• FEDEX_DISTANCE_DEFERRED</li><li>• FEDEX_NEXT_DAY_AFTERNOON</li><li>• FEDEX_NEXT_DAY_EARLY_MORNING</li><li>• FEDEX_NEXT_DAY_END_OF_DAY</li><li>• FEDEX_NEXT_DAY_FREIGHT</li><li>• FEDEX_NEXT_DAY_MID_MORNING</li></ul>
RequestedShipment/ ShippingChargesPayment/PaymentType	Identifies the method of payment for a service. Valid value is SENDER.

RequestedShipment/ PackageSpecialServicesRequested	These special services are available at the package level for some or all service types. If the shipper is requesting a special service which requires additional data, the package special service type must be present in the SpecialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object below.
RequestedShipment/ PackageSpecialServicesRequested/SpecialServiceTypes	The types of all special services requested for the enclosing shipment or package.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail	Descriptive data required for a FedEx shipment containing dangerous materials. This element is required when SpecialServiceType.DANGEROUS_GOODS or HAZARDOUS_MATERIAL is present in the SpecialServiceTypes collection.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Regulation	Identifies the source of regulation for hazardous commodity data. Valid values are: <ul style="list-style-type: none"><li>• ADR (Required)</li><li>• DOT</li><li>• IATA</li><li>• ORMD</li></ul>
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Options	Indicates which kind of hazardous content (as defined by DOT) is being reported. Valid values are: <ul style="list-style-type: none"><li>• HAZARDOUS_MATERIALS</li><li>• BATTERY</li><li>• ORM_D</li><li>• REPORTABLE_QUANTITIES</li><li>• SMALL_QUANTITY_EXCEPTION</li><li>• LIMITED_QUANTITIES_COMMODITIES</li></ul>
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers	Indicates one or more containers used to pack dangerous goods commodities.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/PackingType	Indicates whether there are additional inner receptacles within this container.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ContainerType	Indicates the type of this dangerous goods container, as specified by the IATA packing instructions. For example, steel cylinder, fiberboard box, plastic jerrican and steel drum.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/	Indicates the packaging type of the container used to package the radioactive materials.

RadioactiveContainerClass	
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ NumberOfContainers	Indicates the number of occurrences of this container with identical dangerous goods configuration.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/ Containers/HazardousCommodities	Documents the kind and quantity of all hazardous commodities in the current container.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ HazardousCommodities/Description	Identifies and describes an individual hazardous commodity.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ HazardousCommodities/Quantity	Specifies the amount of the commodity in alternate units.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ HazardousCommodities/InnerReceptacles	This describes the inner receptacle details for a hazardous commodity within the dangerous goods container.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ HazardousCommodities/Options	Customer-provided specifications for handling individual commodities.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ HazardousCommodities/RadionuclideDetail	Specifies the details of any radio active materials within the commodity.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ HazardousCommodities	Documents the kinds and quantities of all hazardous commodities in the current container.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ HazardousCommodities/InnerReceptacles	This describes information about the inner receptacles for the hazardous commodity in a particular dangerous goods container.
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/	Specifies the amount of the commodity in alternate units.

HazardousCommodities/InnerReceptacles/Quantity	
RequestedShipment/ PackageSpecialServicesRequested/ DangerousGoodsDetail/Containers/ HazardousCommodities/Description	Documents the kinds and quantities of all hazardous commodities in the current package.

**Table 183. Intra-UK Reply Elements**

Element	Description
ProcessShipmentReply/CompletedShipmentDetail/	The reply payload. All of the returned information about this shipment/package.
ProcessShipmentReply /CompletedShipmentDetail/ HazardousShipmentDetail	Computed shipment level hazardous commodity information.
ProcessShipmentReply /CompletedShipmentDetail/ HazardousShipmentDetail/ADRLicense	Contains the ADR License information, which identifies the license number and ADR category under which the customer is allowed to ship.
ProcessShipmentReply /CompletedShipmentDetail/ HazardousShipmentDetail/ ADRLicense/LicenseOrPermitDetail	This contains the ADR License information, which identifies the license number, the effective date and the expiration date under which the customer is allowed to ship.
ProcessShipmentReply /CompletedShipmentDetail/ CompletedPackageDetails	Package level details about this package.
ProcessShipmentReply /CompletedShipmentDetail/ CompletedPackageDetails /HazardousPackageDetail	Documents the kinds and quantities of all hazardous commodities in the current package using updated hazardous commodity description data.
ProcessShipmentRepl /CompletedShipmentDetail/ CompletedPackageDetails/ HazardousPackageDetail/Containers	Describes the kinds and quantities of all hazardous commodities in the current package.
ProcessShipmentReply/CompletedShipmentDetail/ CompletedPackageDetails /HazardousPackageDetail/ Containers/HazardousCommodities	Documents the kinds and quantities of all hazardous commodities in the current package.
ProcessShipmentReply/CompletedShipmentDetail/ CompletedPackageDetails /HazardousPackageDetail/ Containers/ HazardousCommodities/MassPoints	The mass points are a calculation used by ADR regulations for measuring the risk of a particular hazardous commodity.
ProcessShipmentReply/CompletedShipmentDetail/	Identifies and describes an individual hazardous commodity.

CompletedPackageDetails /HazardousPackageDetail /Containers/HazardousCommodities/Description	
ProcessShipmentReply/ CompletedShipmentDetail/ CompletedPackageDetails/ HazardousPackageDetail/ Containers/HazardousCommodities/ Description/TunnelRestrictionCode	<p>There are five categories of tunnel categorization with A representing the least restrictive and "E" as the most restrictive. Category "A," as the least restrictive, will not be sign-posted. Category "E", the most restrictive, only allows the passage of UN2919, UN3291, UN3331, UN3359 and UN3373.</p> <p>The categorization is based on the assumption that in tunnels there are three major dangers which may cause numerous victims or serious damage to the tunnel itself.</p> <p>These are:</p> <ul style="list-style-type: none"> <li>• Explosions</li> <li>• Release of toxic gas or volatile toxic liquid</li> <li>• Fires</li> </ul>



## 34. FedEx Express International Shipping

FedEx Web Services offers FedEx Express® international shipping from anywhere-to-anywhere, which means that you can create shipping transactions both to and from any prescribed country whose service is supported by FedEx. See [FedEx International Ground Shipping](#) for more information about that service.

See [Ship Service](#) for a list of FedEx Express international services available by region.

### 34.1 FedEx Express International Service Details

FedEx international services include FedEx Express, FedEx Ground®, and all international shipping. Estimated duties and taxes calculations are now available. Contact your FedEx account executive for more information.

#### 34.1.1 FedEx International First

FedEx International First® provides delivery in 1 or 2 business days. Check transit times for availability.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.
- Inbound delivery to select U.S. postal codes from 60 countries in 1 or 2 business days.
- Outbound delivery to many destinations in Belgium, England, France, Germany, Italy, the Netherlands, Spain, and Switzerland as early as 9 a.m. in 2 business days.
- Package size and weight up to 150 lbs. each; 108" in length; 130" in length plus girth (L+2W+2H).
- Door-to-door, customs-cleared service.
  - Options include Express International Saturday and [Dangerous Goods](#) support for [Dry\\_Ice\\_Shipments](#) only.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#). For more information on International Signature Options, see [Delivery Signature Options](#).

#### 34.1.2 FedEx International Priority

FedEx International Priority® provides time-definite delivery, typically in 1, 2, or 3 business days, to major cities in Europe and Canada, typically in 2 business days. Check transit times for availability.

- Service days are Monday through Friday, with Express International Saturday available in many areas.
- Available in more than 220 countries and territories.
- Package size and weight up to 150 lbs. each; 108" in length; 130" in length plus girth (L+2W+2H).
- Door-to-door, customs-cleared service. The European network provides next-business-day delivery between 38 major European markets. The Asian network gives you next-business-day delivery within Asia and from Asia to the U.S.
  - Options include Express International Saturday, International Broker Select, [Commercial Destination Control](#), [Dangerous Goods](#), and [Hold at FedEx Location](#).

For more information on International Signature Options, see [Delivery Signature Options](#).

#### 34.1.3 FedEx International Economy

FedEx International Economy® provides delivery typically in 2 to 5 business days, and in 2 or 3 business days to Canada, Mexico, and Puerto Rico. Check transit times for availability. The business rules are as follows:

- Service days are Monday through Friday, with Saturday delivery available in countries where Saturday is a regular business day.
- Available in more than 215 countries and territories.
- Package size and weight up to 150 lbs. each, 108" in length, 130" in length plus girth (L+2W+2H).
- Door-to-door, customs-cleared delivery to major world markets.
  - Options include Express International Saturday, International Broker Select, [Dry\\_Ice\\_Shipments](#) and [Dangerous\\_Goods](#) to U.S., Canada and Puerto Rico only.

For more information on International Signature Options, see [Delivery\\_Signature\\_Options](#).

#### **34.1.4 FedEx Europe First**

FedEx Europe First® provides intra-European next day, door-to-door, customs-cleared (where applicable) service with early morning delivery by 9 a.m., 9:30 a.m., or 10 a.m., depending on the destination postal code.

- Days of Operation: Monday through Friday. Pick ups on Friday are delivered on Monday
- Delivery Commitment: Depending on the destination postal code, the service delivery commitment will be either 9 a.m., 9:30 a.m., or 10 a.m.
- Origins: Next-day delivery service is available to Europe from the following origin countries: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, the Netherlands, Norway, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and United Kingdom.
- Destinations: Available to more than 18,000 postal codes in major business centers in Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, Spain, Switzerland and the United Kingdom.
- Available packaging:
  - FedEx Europe First Customer Own packaging
  - FedEx Europe First Envelope
  - FedEx Europe First Pak
  - FedEx Europe First 10kg Box
  - FedEx Europe First 25kg Box
- Packaging Restrictions: FedEx packaging is available free of charge: FedEx® Envelope, FedEx® Pak, FedEx® Tube, FedEx® Box, FedEx® 10kg Box, FedEx® 25kg Box. Customer's own packaging is also accepted. Multiple-piece shipments are allowed.
- Size Restrictions: In general, packages up to 274 cm length (108"), 330 cm length and girth combined (130") [length and girth = length + 2 x height + 2 x width] are accepted.
- Weight Restrictions: Packages up to 68 kg are accepted (this can vary by country). As a general rule, there is no limit per shipment. Dimensional Weight applies to packaging other than FedEx Letter (FL), FedEx Pak (FP) and single-piece FedEx boxes and tubes.
- At what price: A FedEx Europe First delivery fee in addition to your international priority rate. You can also benefit from the FedEx 10kg Box and FedEx 25kg Box special rates. The extra delivery fee varies by destination postal code.

### **34.2 FedEx Express International Service Options**

The following service options are available for use with FedEx Express international shipping:

- [Alternate\\_Return\\_Address](#)
- [Commercial\\_Destination\\_Control](#)
- [Dangerous\\_Goods](#)
- [FedEx\\_Express\\_International\\_Saturday](#)
- [Dry\\_Ice\\_Shipments](#)

- [Delivery\\_Signature\\_Options](#)
- FedEx InSight
- FedEx International Broker Select®
- [FedEx\\_Intra-Country\\_Shipping](#)
- [Mask\\_Account\\_Number\\_\(FedEx\\_International\\_Ground\)](#)
- [Masked\\_Data](#)
- [Shipment\\_Notification\\_in\\_the\\_Ship\\_Request](#)
- [Variable\\_Handling\\_Charges](#)

## 34.3 International Packaging Options

In addition to standard FedEx Express packaging, you may also choose a FedEx 10 kg Box or a FedEx 25 kg Box. The weight limit is 22 lb for a FedEx 10 kg Box and 55 lb for a FedEx 25 kg Box. These packaging options are allowed for FedEx International Priority® to more than 220 countries and territories.

## 34.4 FedEx Express International Coding Details

Before you begin coding FedEx Express® International shipping options, note the following:

- FedEx Express International shipments are created using the ShipService WSDL.
- FedEx Express International allows multiple-package shipping (MPS). MPS Express International shipments are associated with one another using a package sequence indicator. For example, if you ship 5 boxes of baseballs to London, the master package label has a package sequence indicator of 1 of 5. All other packages associated with this master will have package sequence indicators of 2 of 5, 3 of 5, etc. The purpose of this type of MPS processing is to ensure that packages grouped together on one Commercial Invoice travel through the FedEx system together and arrive at customs at the same time.
- You may ship both documents and commodity shipments.
- International Freight shipping is available to Puerto Rico.
- For shipments to countries that accept an Electronic Commercial Invoice (ECI), FedEx Web Services uploads your commodity information (entered as part of the Ship request) to that country's customs clearance center to expedite clearance requirements.

For a list of countries that accept Electronic Trade Documents, see the Electronic Trade Documents WSDL Guide.

- Use FedEx® Electronic Trade Documents to automatically generate copies of customs documents. See the Electronic Trade Documents WSDL Guide for more information.
- If you are new to international shipping and need assistance with customs rules, documents, and clearance requirements, go to the [https://www.fedex.com/GTM?cntry\\_code=us](https://www.fedex.com/GTM?cntry_code=us) Global Trade Manager website that provides the information you need to reduce the time it takes to clear packages through customs.

### 34.4.1 International Multiple Package Shipments

You may use FedEx Web Services to tie international packages together that have to clear on a single Commercial Invoice. To tie international shipments together as a multiple-package shipment (MPS):

- The first package in the shipment request is considered the master package. Any shipment-level information (TotalWeight, PackageCount, SignatureOption, GAA) is included on the master package. The SequenceID for this package is 1.
- In the master package reply, the tracking number assigned to that package is included in the MasterTrackingID element for all subsequent packages. The SequenceID is also required for each child

package.

- When shipping commodities, the entire list of all the commodities in the shipment must be included in the ship request for each package so the commodity values are calculated correctly.

*Note: The maximum number of packages in an MPS request is 200.*

This option is available for international C.O.D. multiple-package shipments.

For more information about MPS, see FedEx Express U.S. Multiple-Package Shipments.

## 34.4.2 Document Shipments

Shipment contents that are considered to be non-dutiable are known as document shipments. In addition to basic elements (including shipper elements) required for all shipping transactions and described in the Introduction of the *FedEx Web Services Developer Guide*, the following elements are available to create a FedEx Express International document shipment:

*Note: For FedEx Express International multiple piece shipments (MPS), if one package is a document, then all packages in the shipment must be documents. This is also true for commodity shipments. All the packages must be for commodities. Commodity and Document packages cannot be in the same MPS shipment.*

### 34.4.2.1 Recipient Information

Table 185. Recipient Information Elements

Element	Multiple Occurrence	Description
RequestedShipment/Company	No	Required if Contact name is blank.
RequestedShipment/Contact	No	Required if Company name is blank.
RequestedShipment/StreetLines	Yes	At least one street address line is required.
RequestedShipment/City	No	Required.
RequestedShipment/StateOrProvinceCode	No	Required only if recipient country is U.S. or Canada, or if EEI applies and country is Mexico (MX).
RequestedShipment/PostalCode	No	Required only if recipient country is a postal aware country. See <i>Appendix J: Postal-Aware Countries and Formats</i> section of <i>Web Services Developer Guide</i> for a list of postal aware countries.
RequestedShipment/UrbanizationCode	No	Relevant only to addresses in Puerto Rico, where multiple addresses within the same postal code can have the same house number and street name. When this is the case, the urbanization code is needed to distinguish them.
RequestedShipment/CountryCode	No	Required. Identifies the recipient country.
RequestedShipment/CountryName	No	The fully spelled out name of a country.
RequestedShipment/PhoneNumber	No	Required.
TinType/TinNumber	No	Tax Identification Number. Specify the Employer

		Identification Number (EIN). Required if duties, taxes, and fees are billed to recipient.
Address/Residential	No	This element is optional for shipments to the U.S. and Canada. However, to receive an accurate rate quote, this element must be included in the Ship request.

### 34.4.2.2 Billing

Table 186. Billing Elements

Element	Multiple Occurrence	Description
ShippingChargesPayment/ PaymentType	No	Required. Values are: <ul style="list-style-type: none"> <li>• ACCOUNT</li> <li>• COLLECT (Ground)</li> <li>• SENDER</li> <li>• RECIPIENT</li> <li>• THIRD_PARTY</li> </ul>
ShippingChargesPayment/Payor/AccountNumber	No	Required if PaymentType element is SENDER, RECIPIENT or THIRD_PARTY.
Currency	No	Required. <i>Note: FedEx will provide currency conversion using FedEx Web Services. If you enter a currency other than the currency associated with your FedEx account number, rate quotes will be returned based on the specified currency.</i>
CountryCode	No	Required. The country code associated with the shipper's FedEx account billing currency type.
CountryName	No	Optional. The fully spelled out name of a country.
CustomerReferenceType	No	Optional. This element allows customer-defined notes to print on the shipping label. The reference element is also used to track by reference. Valid values are: <ul style="list-style-type: none"> <li>• BILL_OF_LADING</li> <li>• CUSTOMER_REFERENCE</li> <li>• DEPARTMENT_NUMBER</li> <li>• ELECTRONIC_PRODUCT_CODE</li> <li>• INTRA_REGULATORY_REFERENCE</li> <li>• INVOICE_NUMBER</li> <li>• P_O_NUMBER</li> <li>• RMA_ASSOCIATION</li> <li>• SHIPMENT_INTEGRITY</li> </ul>

		<ul style="list-style-type: none"> <li>• STORE_NUMBER</li> </ul> <p><i>Note: You can add up to three references per shipment. SHIPMENT_INTEGRITY prints only on the invoice.</i></p>
CustomerReference/Value	No	<p>Optional. Reference information to be associated with the CustomerReferenceType. For example, if you designate INVOICE_NUMBER in the CustomerReferenceType element, the actual invoice number associated with the package is included in the CustomerReference/Value element.</p>

#### 34.4.2.3 Multiple Piece Shipment Elements

This option is available for FedEx Express U.S. and international multiple-package shipments (MPS), FedEx Ground U.S. and international MPS, FedEx Express U.S. C.O.D. and international C.O.D. multiple-package shipments, and FedEx Ground U.S. C.O.D. and international C.O.D. multiple-package shipments. For more information about MPS, see FedEx Express U.S. Multiple-Package Shipments.

*Note: Up to 200 MPS packages can be created for one master shipment.*

Table 187. Multiple Piece Shipment Elements

Element	Multiple Occurrence	Description
PackageCount	Yes	Required for MPS. Total number of packages in the MPS.
SequenceNumber	Yes	Required if PackageCount is greater than 1.
MasterTrackingID	Yes	<p>Required for MPS. The MasterTrackingID element is returned for the first package in an MPS. This element must be included on all subsequent shipments to tie these packages together.</p> <p><i>Note: The MasterTrackingID element includes the MasterTrackingNumber and FormID. Both simple elements are required.</i></p>

*Note: For additional coding details, see FedEx Express U.S. Multiple-Package Shipments.*

#### 34.4.2.4 Shipment/Package Information

Table 188. Shipment/Package Information Elements

Element	Multiple Occurrence	Description
ServiceType	No	<p>Required. Values are:</p> <ul style="list-style-type: none"> <li>• EUROPE_FIRST_INTERNATIONAL_PRIORITY (for intra-Europe shipment only).</li> <li>• INTERNATIONAL_ECONOMY</li> <li>• INTERNATIONAL_FIRST</li> <li>• INTERNATIONAL_PRIORITY</li> </ul>

		<ul style="list-style-type: none"> <li>• INTERNATIONAL_ECONOMY_FREIGHT</li> <li>• INTERNATIONAL_PRIORITY_FREIGHT</li> </ul>
PackagingType	Yes	<p>Required. Values are:</p> <ul style="list-style-type: none"> <li>• FEDEX_10KG_BOX</li> <li>• FEDEX_25KG_BOX</li> <li>• FEDEX_BOX</li> <li>• FEDEX_ENVELOPE</li> <li>• FEDEX_PAK</li> <li>• FEDEX_TUBE</li> <li>• YOUR_PACKAGING</li> </ul>
PhysicalPackaging	Yes	<p>If you select YOUR_PACKAGING as the package type, this element is required for packages traveling to and from the U.S., Canada, and Puerto Rico. This enumeration rationalizes the former FedEx Express international "admissibility package" types (based on ANSI X.12) and the FedEx Freight packaging types. The values represented are those common to both carriers.</p> <p><i>See Appendix K: Physical Packaging Type Codes section of Web Services Developer Guide for valid package descriptions.</i></p>
Weight	Yes	<p>Required. Units and Value are included in this element. Values for the Units element are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>The Value element must contain the actual package weight. For multiple-piece shipments (MPS), each ProcessShipment request must contain the package Weight.</p>
TotalWeight	No	<p>Required for MPS. The TotalWeight element is submitted for the master package only, not the subsequent child packages. The master package (designated as 1 in the PackageCount element) contains the total package weight in the MPS.</p> <p>Units and Value are included in this element. Values for the Units element are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>The Value element must contain the actual package weight.</p>
Height	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Width	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Length	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.

Units		Required if dimensions are specified. Values are: <ul style="list-style-type: none"><li>• IN</li><li>• CM</li></ul>
InternationalDocument	No	Required. Values are: <ul style="list-style-type: none"><li>• DOCUMENTS_ONLY</li><li>• NON_DOCUMENTS</li></ul>
Commodity/Description	Yes	A minimum of three characters is required for this element. Maximum number of characters is 450. <i>See Appendix L: Customs-Approved Document Descriptions from Web Services Developer Guide</i> for more information.
Commodity/CountryOfManufacture	Yes	Optional. Country code where document contents were produced in their final form. <i>Note: "Multiple countries" (country code 'XX') is not accepted as a valid country anymore.</i>
InsuredValue/Amount	No	<i>Note: Some countries require a minimum document declared value of \$1USD. For a list of these countries, see Minimum Customs Value. FedEx liability for each package is limited to \$100USD unless a higher value is declared and paid for. Use this element if you want to declare a higher value.</i> For FedEx Express International MPS, the master package should contain the total declared value/carriage value. No declared value/carriage value is added to the subsequent child packages. <i>Note: "InsuredValue" refers to declared value of the package. FedEx does not provide insurance of any kind.</i>
RequestedShipment/ShipTimeStamp	No	Required. Time of shipment based on shipper's time zone. Defaults to CDT. The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T, such as 2009-06-26T17:00:00. The UTC offset indicates the number of hours/minutes such as xx:xx from UTC, such as 2009-06-26T17:00:00-04:00 is defined as June 26, 2009 5:00 p.m. Eastern Time. <i>See Appendix M: Time Zones section of Web Services Developer Guide</i> for more information.
RequestedShipment/Date	No	Required. Date of shipment. For FedEx Express international shipments, this value can be current date or up to 10 days in future.

#### 34.4.2.5 Label Requirements

Table 189. Label Requirements Element

Element	Multiple Occurrence	Description

LabelSpecification	No	To identify the type of label format you will receive, elements in the Label Specification complex type element should be included in the Ship reply (depending on your label format). More information about label printing is provided in <a href="#">Creating_a_Label</a> .
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In addition to these elements, you may choose these shipping options for a document shipment:

- [Alternate Return Address](#)
- [FedEx Express International \(Saturday \)](#) (depending on origin/destination pair and service)
- FedEx Insight
- [Hold\\_at\\_FedEx\\_Location](#) (depending on origin/destination pair and service)
- International Broker Select
- [Shipment Notification in the Ship Request](#)

**Table 190. Document Shipment Options**

Shipping Option	Package vs. Shipment Level
Dangerous Goods	Shipment
Delivery Signature Options	Shipment
Dry Ice	Shipment
Future Day	Shipment
Hold at Location	Shipment
Inside Delivery	Shipment
Inside Pickup	Shipment
Notification	Shipment
Reference Elements	Package
Saturday Services	Shipment
Variable Handling Charge	Package

### 34.4.3 Commodity Shipments

Shipment contents that are considered to be dutiable are known as commodity shipments. In addition to the basic elements required for all shipping requests described in the Introduction of the *FedEx Web Services Developer Guide*, the following elements are required to create a FedEx Express International commodity shipment.

When shipping commodities, the entire list of all the commodities in the shipment must be included in the ship request for each package so the commodity values are calculated correctly.

*Note: For FedEx Express International multiple piece shipments, if one package is a commodity shipment, then all packages in the shipment must contain commodities. Commodity and document shipments cannot be combined in an multiple piece shipment.*

#### 34.4.3.1 Recipient Information

**Table 191. Recipient Information Elements**

Element	Multiple Occurrence	Description
RequestedShipment/Company	No	Required if Contact name is blank.
RequestedShipment/Contact	No	Required if Company name is blank.
RequestedShipment/StreetLines	Yes	At least one street address line is required.
RequestedShipment/City	No	Required.
RequestedShipment/StateOrProvinceCode	No	Required only if recipient country is U.S. or Canada, or if EEI applies and country is Mexico (MX).
RequestedShipment/PostalCode	No	Required only if recipient country is a postal aware country. <i>See Appendix J: Postal-Aware Countries and Formats section of Web Services Developer Guide for a list of postal aware countries.</i>
RequestedShipment/UrbanizationCode	No	Relevant only to addresses in Puerto Rico, where multiple addresses within the same postal code can have the same house number and street name. When this is the case, the urbanization code is needed to distinguish them.
RequestedShipment/CountryCode	No	Identifies the recipient country code.
RequestedShipment/CountryName	No	The fully spelled out name of a country.
RequestedShipment/PhoneNumber	No	Required.
TaxpayerIdentification/TinType/	No	Identifies the category of the taxpayer identification. Valid values are: <ul style="list-style-type: none"> <li>• BUSINESS_NATIONAL</li> <li>• BUISNESS_STATE</li> <li>• BUSINESS_UNION</li> <li>• PERSONAL_NATIONAL</li> <li>• PERSONAL_STATE</li> </ul>
TinType/TinNumber	No	Tax Identification Type and Tax Identification Number. Specify the Employer Identification Number (EIN). Required if duties, taxes, and fees are billed to recipient.
Address/Residential	No	This element is optional for shipments to the U.S. and Canada. However, to receive an accurate rate quote, this element must be included in the ProcessShipment request.
RequestedShipment/ShipTimeStamp	No	Required. Time of shipment based on shipper's time zone. Defaults to CDT.

		<p>The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T (e.g., 2009-06-26T17:00:00). The UTC offset indicates the number of hours/minutes (e.g. xx:xx) from UTC (e.g., 2009-06-26T17:00:00-04:00 is defined as June 26, 2009 5:00 p.m. Eastern Time).</p> <p>See <i>Appendix M: Time Zones</i> section of <i>Web Services Developer Guide</i> for more information about time zones.</p>
RequestedShipment/Date	No	Required. Date of shipment. For FedEx Express International shipments, this value can be the current date or up to 10 days in the future.
TaxpayerIdentification	No	<p>TaxpayerIdentification is used in the Party object. Valid values are:</p> <ul style="list-style-type: none"> <li>• tinType</li> <li>• number</li> <li>• usage</li> <li>• effectiveDate</li> <li>• expirationDate</li> </ul>

#### 34.4.3.2 Billing Details

Table 192. Billing Detail Elements

Element	Multiple Occurrence	Description
TaxpayerIdentification/TinType	No	<p>Required for non document shipments to Brazil. Valid values are:</p> <ul style="list-style-type: none"> <li>• Passport Number</li> <li>• Individual Tax ID</li> <li>• Company Tax ID</li> </ul> <p><i>Note: This type must match the data entered in the TaxpayerIdentification/Number element.</i></p> <p><i>Note: This element is not required but should be added for recipient billing of duties, taxes, and fees.</i></p>
TaxpayerIdentification/Number	No	Required for shipments to Brazil. Depending on the TinType submitted, include the tax ID number for the recipient. Also required if you included the TaxpayerIdentification/TinType element in the Ship Request.
ShippingChargesPayment/PaymentType	No	Required. Values are: <ul style="list-style-type: none"> <li>• COLLECT (Ground)</li> <li>• SENDER</li> <li>• RECIPIENT</li> <li>• THIRD_PARTY</li> </ul>

AccountNumber	No	Required.
Currency	No	Required. FedEx will provide currency conversion using FedEx Web Services. If you enter a currency other than the currency associated with your FedEx account number, rate quotes will be returned based on the specified currency.
CountryCode	No	Optional. Country code associated with the currency.
CountryName	No	Optional. The fully spelled out name of a country.

#### 34.4.3.3 Multiple-Piece Shipment Elements

This option is available for FedEx Express U.S. and international multiple-package shipments, FedEx Ground U.S. and international multiple-package shipments, FedEx Express U.S. C.O.D. and international C.O.D. multiple-package shipments, and FedEx Ground U.S. C.O.D. and international C.O.D. multiple-package shipments.

For more information about MPS, see FedEx Express U.S. Multiple-Package Shipments (MPS).

*Note: The maximum number of packages in an MPS request is 200.*

**Table 193. Multiple-Piece Shipment Elements**

Element	Multiple Occurrence	Description
PackageCount	Yes	Required for MPS. Total number of packages in the MPS.
SequenceNumber	Yes	Required if PackageCount is greater than 1.
MasterTrackingID	Yes	Required for MPS. The MasterTrackingID element is returned for the first package in an MPS. This element must be included on all subsequent shipments to tie these packages together. <i>Note: The MasterTrackingID element includes the MasterTrackingNumber and FormID. Both simple elements are required.</i>

#### 34.4.3.4 Shipment/Package Information

**Table 194. Shipment/Package Information Elements**

Element	Multiple Occurrence	Description
ServiceType	No	Required. Values are: <ul style="list-style-type: none"> <li>• EUROPE_FIRST_INTERNATIONAL_PRIORITY (for intra-Europe shipment only)</li> <li>• INTERNATIONAL_ECONOMY</li> <li>• INTERNATIONAL_FIRST</li> <li>• INTERNATIONAL_PRIORITY</li> <li>• INTERNATIONAL_ECONOMY_FREIGHT</li> <li>• INTERNATIONAL_PRIORITY_FREIGHT</li> </ul>

PackagingType	Yes	<p>Required. Values are:</p> <ul style="list-style-type: none"> <li>• FEDEX_10KG_BOX</li> <li>• FEDEX_25KG_BOX</li> <li>• FEDEX_BOX</li> <li>• FEDEX_ENVELOPE</li> <li>• FEDEX_PAK</li> <li>• FEDEX_TUBE</li> <li>• YOUR_PACKAGING</li> </ul>
PhysicalPackaging	Yes	<p>Required for packages traveling to and from the U.S., Canada, and Puerto Rico.</p> <p>This enumeration rationalizes the former FedEx Express international "admissibility package" types (based on ANSI X.12) and the FedEx Freight packaging types. The values represented are those common to both carriers.</p> <p><i>See Appendix K: Physical Packaging Type Codes section of Web Services Developer Guide for valid package descriptions.</i></p>
Weight	Yes	<p>Required. Units and Value are included in this Element. Values for the Units element are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>The Value element must contain the actual package weight. For MPS shipments, each ship request must contain the package Weight.</p>
TotalWeight	No	<p>Required for multiple-piece shipments (MPS). The TotalWeight element is submitted for the master package only, not the subsequent child packages. The master package, designated as 1 in the PackageCount element, contains the total package weight in the MPS shipment.</p> <p>Units and Value are included in this element. Values for the Units element are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>The Value element must contain the actual package weight.</p>
CustomerReferenceType	No	<p>Optional. This element allows customer-defined notes to print on the shipping label. The reference element is also used to track by reference.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• BILL_OF_LADING</li> <li>• CUSTOMER_REFERENCE</li> <li>• DEPARTMENT_NUMBER</li> <li>• ELECTRONIC_PRODUCT_CODE</li> <li>• INTRACOUNTRY_REGULATORY_REFERENCE</li> <li>• INVOICE_NUMBER</li> <li>• P_O_NUMBER</li> </ul>

		<ul style="list-style-type: none"> <li>• RMA_ASSOCIATION</li> <li>• SHIPMENT_INTEGRITY</li> <li>• STORE_NUMBER</li> </ul> <p>SHIPMENT_INTEGRITY prints only on the invoice.</p> <p><i>Note: Reference information is submitted on the shipment level. However, you may add up to three references per shipment.</i></p>
CustomerReference/Value	No	Optional. Reference information to be associated with the CustomerReferenceType. For example, if you designate INVOICE_NUMBER in the CustomerReferenceType element, the actual invoice number associated with the package is included in the CustomerReference/Value element.
Height	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Weight	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Length	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Units		Required if dimensions are specified. Values are: <ul style="list-style-type: none"> <li>• IN</li> <li>• CM</li> </ul>
InsuredValue/Amount	No	Optional. You may enter a value in this element to declare additional value for this shipment. For MPS shipments, the master package should contain the total declared value for the shipment. No declared value is added to subsequent child shipments. <i>Note: "InsuredValue" refers to declared value of the package. FedEx does not provide insurance of any kind.</i>
InternationalDocument	No	Required. Values are: <ul style="list-style-type: none"> <li>• DOCUMENTS_ONLY</li> <li>• NON_DOCUMENTS</li> </ul>
RequestedShipment/ShipTimeStamp	No	Required. Time of shipment based on shipper's time zone. Defaults to CDT. The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T, such as 2009-06-26T17:00:00. The UTC offset indicates the number of hours/minutes, for example xx:xx from UTC, such as 2009-06-26T17:00:00-04:00 is defined as June 26, 2009 5:00 p.m. Eastern Time. See Appendix K: Physical Packaging Type Codes section of Web Services Developer Guide for valid package descriptions..
RequestedShipment/Date	No	Required. Date of shipment. For FedEx Express international shipments, this value can be current

date or up to 10 days in future.

### 34.4.3.5 Label Requirements

Table 195. Label Requirements Element

Element	Multiple Occurrence	Description
LabelSpecification	No	To identify the type of label format you will receive, elements in the LabelSpecification complex type element should be included in the Ship reply (depending on your label format). More information about label printing is provided in <a href="#">Creating a Label</a> .

### 34.4.3.6 International Clearance Requirements

Table 196. Commodity Shipment Elements

Element	Multiple Occurrence	Description
TermsOfSale	No	<p>Required for commodity shipments. Valid values are:</p> <ul style="list-style-type: none"> <li>• FCA/FOB (Free Carrier/Free On Board): Seller is responsible for all costs of delivering goods to destination. (Default)</li> <li>• CIP/CIF (Costs, Insurance Paid/Carriage Insurance Freight): Seller is responsible for freight insurance, and miscellaneous charges to destination.</li> <li>• CPT/C&amp;F (Carriage Paid To/Costs and Freight): Seller is responsible for cost of freight to destination; buyer is responsible for insurance.</li> <li>• EXW (Ex Works): Seller makes goods available to buyer. Buyer is responsible for delivering goods to destination.</li> <li>• DDU (Delivered Duty Unpaid): Seller is responsible for delivering goods to destination. Buyer is responsible for clearing goods through Bureau of Customs and Border Protection.</li> <li>• DDP (Delivered Duty Paid): Seller is responsible for delivering goods to destination, including duties, taxes, and miscellaneous fees.</li> <li>• DAP (Delivered at Place): Seller pays for carriage to the named place, except for costs related to import clearance, and assumes all risks prior to the point that the goods are ready for unloading by the buyer.</li> <li>• DAT (Delivered at Terminal): Seller pays for carriage to the terminal, except for costs related to import clearance, and assumes all risks up to the point that the goods are unloaded at the terminal.</li> </ul>
FreightCharge/Amount	No	Required if the Terms of Sale element is either CF or CIF. This charge must be added to the total customs value amount.
InsuranceCharge/Amount	No	Required if the Terms of Sale element is CIF. This charge must be added to the total customs value amount.
RegulatoryControlType	No	<p>Identifies the type of regulatory control.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• EU_CIRCULATION</li> </ul>

		<ul style="list-style-type: none"> <li>• FOOD_OR_PERISHABLE</li> <li>• NAFTA</li> <li>• NOT_APPLICABLE_FOR_LOW_CUSTOMS_VALUE_EXCEPTION</li> </ul> <p><i>Note: EU_CIRCULATION is required for shipments between European Union countries. The EU indicator prints on the shipping label.</i></p> <p><i>Note: FOOD_OR_PERISHABLE is required by the FDA/BTA for food or perishable items coming to the U.S. and Puerto Rico (except for shipments from PR to the U.S. or U.S. to PR) containing food items.</i></p>
CustomsValue	No	For MPS shipments, this element must contain the total value declared to the Bureau of Customs and Border Protection for all packages in the shipment.
Purpose	No	<p>Optional. To facilitate customs clearance and to ensure that duties, taxes, and fees are correctly assessed, enter a valid purpose. Valid values are:</p> <ul style="list-style-type: none"> <li>• Sold</li> <li>• Not Sold</li> <li>• Gift</li> <li>• Sample</li> <li>• Repair and Return</li> <li>• Personal Effects</li> </ul>

#### 34.4.3.7 Commodity Elements

*Note: A maximum of 20 occurrences of commodity line item information is supported in the ShipService WSDL. Commodity information must be included in the ship request for all packages in an multiple-piece (MPS) shipment.*

Table 197. Commodity Elements

Element	Multiple Occurrence	Description
Commodity/Name	No	Name of this commodity.
Commodity/NumberOfPieces	Yes	Required. The total number of packages within the shipment that contain this commodity (can be less than or equal to PackageCount).
Commodity/Description	Yes	A minimum of three characters is required for this element. Maximum number of characters is 450. See <i>Appendix H: Vague Commodity Descriptions</i> section of <i>Web Services Developer Guide</i> for a list of appropriate commodity names .
Commodity/CountryOfManufacture	Yes	Required. Code of country in which commodity contents were produced or manufactured in their final form.  <i>Note: "multiple countries" (country code 'XX') is not accepted as a valid country anymore.</i>
Commodity/HarmonizedCode	Yes	Optional. To expedite customs clearance, especially if the Customs Value is greater than \$2,500USD or if a valid U.S. export license is required, include valid Harmonized Codes for all commodities.

Commodity/Weight	No	Required. Total weight of this commodity. One explicit decimal position. Maximum length is 11 including the decimal.
Commodity/Quantity	Yes	Total quantity of an individual commodity within the shipment (used in conjunction with QuantityUnits).  For example, if your MPS contains 10 baseballs, 10 is included in this element as part of the commodity description of baseballs assuming that the QuantityUnits value is EA.  Must be included for each commodity.
Commodity/QuantityUnits	No	Optional. Unit of measure (for example, EA = each, DZ = dozen) of each commodity in the shipment.
Commodity/AdditionalMeasures	Yes	Optional. Contains only additional quantitative information other than weight and quantity to calculate duties and taxes.
Commodity/UnitPrice	No	Required. Customs value for each commodity in the shipment.
Commodity/CustomsValue	No	Optional. Total customs value for this line item. It should equal the commodity unit quantity times commodity unit value. Six explicit decimal positions. The maximum length is 18 including the decimal.
Commodity/ExiseConditions	Yes	Optional. Defines additional characteristics of the commodity used to calculate duties and taxes.
Commodity/ExportLicenseNumber	No	To expedite customs clearance, especially if the Customs Value is greater than \$2,500USD or if the Foreign Trade Regulations (FTR) number is not supplied. Applies to U.S. export shipping only.
Commodity/ExportLicenseExpirationDate	No	Date of expiration. Must be at least one day in the future. Required only if a commodity is shipped on a commercial export license and the export license number is supplied. Applies to U.S. export shipping only.
Commodity/CIMarksAndNumbers	Yes	An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment.  Required only for the FedEx CI.
Commodity/PartNumber	No	The part number of the commodity.
Commodity/NaftaDetail	No	All data required for this commodity in NAFTA Certificate of Origin.

If the recipient and the importer are not the same, the following importer elements are required:

**Table 198. Required element if the recipient and importer are not the same**

Element	Multiple Occurrence	Description
customsClearanceDetail/ImporterofRecord	No	<p>Required if the recipient and importer are not the same. The following elements are included:</p> <ul style="list-style-type: none"> <li>• AccountNumber</li> <li>• TIN (Tax Payer Identification)</li> <li>• Contact</li> <li>• Address</li> </ul>

In addition to the preceding elements, you may also choose from the following shipping options for a commodity shipment:

- [Alternate Return Address](#)
- [FedEx Express International Saturday](#) (depending on origin/destination pair and service)
- FedEx International Broker Select
- FedEx InSight
- [Hold at FedEx Location](#) (depending on origin/destination pair and service)
- [Shipment Notification in the Ship Request](#)

**Table 199. Shipping Optionand Package vs. Shipment Level**

Shipping Option	Package vs. Shipment Level
Dangerous Goods	Shipment
Dry Ice	Shipment
Future Day	Shipment
Hold at Location	Shipment
Inside Delivery	Shipment
Inside Pickup	Shipment
International Traffic in Arms Regulations	Shipment
Reference Elements	Package
Saturday Services	Shipment
Shipment Notification	Shipment
Signature Options	Shipment
Variable Handling Charge	Package

#### 34.4.4 International Traffic in Arms Regulations

The International Traffic In Arms Regulations (ITAR) is a set of US government regulations that control the import and export of defense-related articles and services on the United States Munitions List (USML). As a US-based carrier, FedEx Express is required to maintain compliance with ITAR regulations. Likewise, US persons (corporations) worldwide are required to adhere to ITAR regulations. To this end, it is important that the US

person making any export shipment must first determine which type of goods they are shipping: ITAR Exempt goods or ITAR goods that require a license to transport.

FedEx Express can accept and properly transport two types of ITAR-controlled items

1. ITAR Exempt goods

*Note: An exempt good still falls under ITAR regulations, however a license is not required for import or export.*

2. Commodities controlled under a State Department License (SDL)

FedEx Express International Priority® (IP) and FedEx Express International Priority® Freight (IPF) can ship ITAR exempt commodities. Ensure the ITAR special handling option is indicated in your shipping transaction input, including exemption or license data if applicable.

Refer to <http://www.fedex.com/us/international/regulatory-alerts/index.html> for specific details on the various State Department licenses and ITAR exemptions.

#### 34.4.4.1 International Traffic in Arms Regulations Coding Details

International Traffic in Arms Regulations (ITAR) services are included in the ShipService, OpenShip, and RateService WSDLs. The following elements are required:

**Table 200. International Traffic in Arms Regulations Coding Elements**

Element	Description
RequestedShipment/ SpecialServicesRequested/ InternationalTrafficInArmsRegulationsDetail	Descriptive data regarding special services requested by the shipper for this shipment. If the shipper is requesting a special service which requires additional data, such as COD, the special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object.
RequestedShipment/ SpecialServicesRequested/ InternationalTrafficInArmsRegulationsDetail/ LicenseOrExemptionNumber	The export or license number for the ITAR shipment.

#### 34.4.5 Reply Elements

In addition to the standard reply elements for all ship requests, the following Express International elements are returned:

**Table 201. Express International Elements**

Element	Description
MasterTrackingID/Tracking Number	Returned for international multiple-piece shipments (MPS).
MasterTrackingID/FormID	Returned for international MPS.
Taxes/TaxType/HST	Returned for Canadian origin shipments.
Taxes/TaxType/GST	Returned for Canadian origin shipments.
Taxes/TaxType/PST	Returned for Canadian origin shipments.
SurchargeType/Offshore	Returned for international shipments.
SurchargeType/EuropeFirst	Returned for intra-Europe shipments using Europe

	First service.
RequestedShipment/ CustomsClearanceDetail/ CustomsOptions/CustomsOptionsDetail/Type	<p>Details the return reason used for clearance processing of international dutiable outbound and international dutiable return shipments.</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• COURTESY_RETURN_LABEL: For the outbound courtesy return label.</li> <li>• EXHIBITION_TRADE_SHOW: For exhibition or trade-show, outbound and inbound.</li> <li>• FAULTY_ITEM: For faulty item being returned, inbound only.</li> <li>• FOLLOWING_REPAIR: For repaired or processed item being sent, outbound only.</li> <li>• FOR_REPAIR: For repair or processing, outbound and inbound.</li> <li>• ITEM_FOR_LOAN: For loan item, outbound and inbound.</li> <li>• OTHER: Other reason, outbound and inbound. This type requires a description.</li> <li>• REJECTED: For rejected merchandise being returned, inbound.</li> <li>• REPLACEMENT: For replacement being sent, outbound only.</li> <li>• TRIAL: For use in a trial, outbound and inbound.</li> </ul>
RequestedShipment/ CustomsClearanceDetail/ CustomsOptions/CustomsOptionsDetail/Description	Specifies additional description about customs options. Required when the customs options type is "other."

#### 34.4.6 Reference Elements with Output Location

The ShipService WSDL includes the elements in [Appendix AB: CustomerReference/CustomerReferenceType Elements](#).



## 35. FedEx Express International (Saturday)

In the ShipService WSDL, you may choose Saturday pickup or Saturday delivery services for your FedEx Express® International shipments for an additional surcharge.

### 35.1 Saturday Service Details

The following service details apply:

- Saturday delivery is available for shipments from the U.S. to select points in Canada for the following services:
  - FedEx International Priority®
  - FedEx International Economy®
  - FedEx Freight®
- Saturday pickup for international shipments is available for select markets in the United States.
- To determine if Saturday services are available for your shipment origin/destination pair, use the ServiceAvailability WSDL.

*Note: Saturday delivery is available in select international destinations that consider Saturday a regular business day. For these countries, Saturday delivery does not have to be included in the Ship request and no handling fees are applied.*

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 35.2 Saturday Coding Details

Saturday services are included in the ShipService WSDL. The following elements are required:

Table 203. Saturday Service Request Elements

Element	Description
ShipmentSpecialServicesRequested/SpecialServiceTypes	Two elements must be included in the ShipService WSDL for Saturday services: Saturday_Delivery: The ship date and service must equal a Saturday delivery date for this option. For example, if you choose FedEx International First® and your ship date is Thursday, Saturday delivery is not allowed. Saturday_Pickup: Your ship date must equal a Saturday date for this option.



## 36. FedEx Express Freight Services: International

If your FedEx Express® international package exceeds 150 lbs, you must choose one of the FedEx Express® Freight Services.

### 36.1 FedEx International Priority Freight

FedEx International Priority® Freight provides time-definite delivery, typically in 1, 2 or 3 business days to most major world markets including the U.S. to Canada:

- Service days are Monday through Friday, with Saturday delivery available in countries where Saturday is a regular business day.
- A booking number is required for this service. Call 1.800.332.0807 to book your freight shipment.
- Skid or package size and weight: exceeding 70" in height or 119" in length or 80" in width. Individual packages and/or skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs. require prior approval by FedEx.
- The following special services are allowed (depending on destination location):  
[FedEx\\_Express\\_International\\_\(Saturday\)](#), [FedEx\\_International\\_Broker](#), [Dangerous\\_Goods](#), and [Hold\\_at\\_FedEx\\_Location](#).

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 36.2 FedEx International Economy Freight

FedEx International Economy® Freight provides time-definite service, typically within 5 business days, with flexible pickup and delivery options.

- Service days are Monday through Friday, with Saturday delivery available to countries where Saturday is a regular business day.
- Import to the U.S. available from Canada, Puerto Rico, Mexico, and key Asian, Latin American and European Markets.
- Export from the U.S. available to more than 130 countries and territories.
- Skid or package size and weight: Exceeding 70" in height or 119" in length or 80" in width. Individual packages and/or skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs. require prior approval by FedEx.
- Advanced confirmation required. Call 1.800.332.0807 to book your freight shipment.
- The following special services are allowed (depending on destination location):  
[FedEx\\_International\\_Broker](#), [Hold\\_at\\_FedEx\\_Location](#), [Dangerous\\_Goods](#), and [Dry\\_Ice\\_Shipments](#).

### 36.3 Additional Service Details

- Freight must be shrink-wrapped and/or banded to a skid.
- Must be palletized, stackable, and able to be lifted by forklift.
- Skids exceeding 70" in height or 119" in length or 80" in width require prior approval.

- Individual skids of 151 lbs. or more. Skids exceeding 2,200 lbs. require prior approval. Unlimited total shipment weight.

*Note: If you have any questions about services available for your origin or destination pair, use the RateService WSDL to determine service availability.*

## 36.4 FedEx Express Freight Services Coding Details: International

Before coding FedEx Express® Freight Services International:

- Freight shipping weight must exceed 150 lbs.
- Use the RateService WSDL to determine what freight services are available for your origin/destination pair.

FedEx Freight international services are included in the ShipService WSDL. In addition to the basic shipping elements required for a FedEx Express shipment, the following elements are available:

**Table 204. International ExpressFreightDetail Elements**

Element	Description
ExpressFreightDetail/BookingConfirmationNumber	An advance booking number is required for FedEx International Priority Freight. When you call 1.800.332.0807 to book your freight shipment, you will receive a booking number. This booking number can be included in the Ship request and prints on the shipping label.
ExpressFreightDetail/PackingListEnclosed	Optional. If you enclose a packing list with your freight shipment, this element informs FedEx operations that shipment contents can be verified on your packing list.

### 36.4.1 Reply Elements

See the [Ship\\_Service](#) section for ProcessShipment reply information.

## 36.5 Dangerous Goods (International Express)

See FedEx Express U.S. [Dangerous\\_Goods](#) for more information.

## 36.6 Alcohol Shipping (International Express)

See FedEx Express U.S. [Alcohol\\_Shipping](#) for more information.

## 36.7 Future Day Shipping (International Express)

See FedEx Express U.S. [Future\\_Day\\_Shipping](#) for more information.

## 36.8 Hold at FedEx Location (International Express)

See FedEx Express U.S. [Hold\\_at\\_FedEx\\_Location](#) for more information.

## **36.9 Dry Ice Shipments (International Express)**

See FedEx Express U.S. [Dry\\_Ice\\_Shipments](#) for more information.



## 37. FedEx International Ground Shipping

Use the Shipping service to access the FedEx International Ground<sup>®</sup> shipping features.

See Shipping Services by Region for a list of FedEx International Ground services available by region.

### 37.1 FedEx International Ground Service Options

The following service options are available for use with FedEx International Ground shipping:

- [Alternate Return Address](#)
- [Commercial Destination Control](#)
- [Delivery Signature Option](#)
- [Future Day Shipping](#)
- [FedEx Ground US COD \(Collect On Delivery\)](#).
- [Mask Account Number \(FedEx International Ground\)](#)
- [Shipment Notification in the Ship Request](#)
- [Variable Handling Charges](#)

### 37.2 FedEx International Ground Service Details

FedEx International Ground is a direct-ship method for you to send single or multi-weight small package shipments directly from the U.S. to Canada, Canada to the U.S. There are no minimum package requirements.

*Note: In addition to FedEx International Ground service to and from Canada, you may also use FedEx Ground<sup>®</sup> to ship intra-Canada packages.*

Estimated duties and taxes calculations are now available. Contact your FedEx account executive for more information.

FedEx International Ground provides day-definite delivery throughout Canada:

- Delivery Times: 2-7 business days.
- Service Days: Monday through Friday by the end of the business day.
- Delivery Area: Canada.
- Package Size and Weight: Up to 150 lbs., 108" in length, and 165" in length and girth (L+2W+2H). For packages weighing 100-150 lbs., specific guidelines must be followed for marking heavy packages. For more information, go to <http://www.fedex.com/us/services/intl/ground.html>.
- Exceptions: FedEx Ground<sup>®</sup> cannot deliver to P.O. boxes.
- No hazardous materials (except for certain shipments to Canada that contain dry ice or are classified as Other Regulated Materials – Domestic [ORM-D/Limited Quantity]).
- Customs clearance is included for shipments to Canada through our brokerage-inclusive service. A fee applies. Brokerage-inclusive service may not be available with all electronic shipping solutions.
- A CI is needed for all shipments.

*Note: To determine actual shipping services and options allowed for your origin/destination pair, use the Service Availability service.*

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 37.2.1 Clearance Requirements

All export documents must be placed in the international document pouch and attached to the FedEx International Ground package, or the first package in an multiple-piece shipment (MPS). Each shipment must include:

- 1 signed copy and 4 originals for Canada, and 1 signed copy and 2 originals for Puerto Rico.
- The broker information (including Non-Resident Importer (NRI) designation if applicable) must be on the Commercial Invoice.
- The Commercial Invoice must also have contract details for your recipient, including a phone number.
- The recipient is automatically the Importer of Record (IOR) unless otherwise designated on the Commercial Invoice.

*Note: For more information regarding specific clearance requirements for FedEx International Ground shipping, see your FedEx account executive.*

### 37.2.2 Brokerage and Billing Options for Shipments Between the U.S. and Canada

FedEx Web Services includes a variety of features that will improve your shipping experience and increase the ease of transborder shipping of FedEx International Ground packages between the U.S. and Canada.

- **Brokerage Inclusive Services:** Through the new default brokerage-inclusive service option, FedEx International Ground shipping gives you one point of contact, and initiates regulatory clearance while your packages are still en route.
- **Broker Selection Option:** If you prefer to use your own broker, you have the option to do so.
- **Flexible Billing Solutions:** You now have the option to bill duties, taxes, and ancillary fees to the shipper, the recipient, or a third party.

## 37.3 FedEx International Ground Coding Details

Before you begin coding FedEx International Ground shipping options, note the following:

- FedEx International Ground shipments are created using the ShipService WSDL.
- The ground collect billing option is also available for the Broker Select Option services.
- FedEx International Ground service allows multiple-package shipping so that you can create a single Commercial Invoice for the multiple-package shipment (MPS).
- FedEx Web Services does not generate hard copies of customs documents. However, you may capture reply elements to create a Commercial Invoice.
- A standard CI form can be printed at [fedex.com/us/services/createlabels](http://fedex.com/us/services/createlabels).

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 37.3.1 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.

5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.

### 37.3.2 Error Messages

For error messages, see *Appendix O: Error Code Messages* section of the *Web Services Developer Guide*.

### 37.3.3 FedEx International Ground Ship Elements

In addition to basic elements required for all ship transactions as described in the Introduction of the *FedEx Web Services Developer Guide*, the following elements are available to create a FedEx International Ground shipment.

#### 37.3.3.1 Recipient Information

**Table 205. Recipient Information Elements**

Element	Multiple Occurrence	Description
Company	No	Required
Contact	No	Required
StreetLines	No	At least one street address line is required.
StreetLines	No	Optional
City	No	Required
StateOrProvinceCode	No	Required for Canada and U.S.
PostalCode	No	Required
CountryCode	No	Identifies the recipient country.
CountryName	No	The fully spelled out name of a country.
Telephone	No	Required
Residential	No	Optional. If you ship to a residential address and do not include the Residential element, your rate quote will be incorrect.
RecipientEIN	No	Required if duties, taxes, and fees are billed to recipient.

#### 37.3.3.2 Billing

**Table 206. Billing Elements**

Element	Multiple Occurrence	Description
ShippingChargesPayment/PaymentType	No	Required. Values are: <ul style="list-style-type: none"> <li>• ACCOUNT</li> <li>• COLLECT (Ground)</li> <li>• SENDER</li> <li>• RECIPIENT</li> <li>• THIRD_PARTY</li> </ul>
AccountNumber	No	Required. Ensures that shipping and customs charges are billed to the correct account number, include the AccountNumber element that corresponds to the BillTo element.
Currency	No	Required. FedEx will provide currency conversion using FedEx Web Services. If you enter a currency other than the currency associated with your account, rate quotes will be returned based on the specified currency.
Country	No	Country code associated with the currency.
CustomerReferenceType	No	Optional. This element allows you to add reference information that prints on the shipping label and on your invoice. Reference information may also be used to track packages. Values are: <ul style="list-style-type: none"> <li>• BILL_OF_LADING</li> <li>• CUSTOMER_REFERENCE</li> <li>• DEPARTMENT_NUMBER</li> <li>• ELECTRONIC_PRODUCT_CODE</li> <li>• INTRACOUNTRY_REGULATORY_REFERENCE</li> <li>• INVOICE_NUMBER</li> <li>• P_O_NUMBER</li> <li>• RMA_ASSOCIATION</li> <li>• SHIPMENT_INTEGRITY</li> <li>• STORE_NUMBER</li> </ul> <p>SHIPMENT_INTEGRITY prints only on the invoice.</p> <p><i>Note: Reference information is submitted on the shipment level. However, you may add up to three references per shipment.</i></p>
CustomerReference/Value	No	Optional. Reference information to be associated with the CustomerReferenceType. For example, if you designate INVOICE_NUMBER in the CustomerReferenceType element, the actual invoice number associated with the package is included in the CustomerReference/Value element.

### 37.3.3.3 Multiple Piece Shipment Elements

*Note: Up to 200 multiple piece shipment (MPS) packages may be created for one master shipment.*

**Table 207. Multiple Piece Shipment Elements**

Element	Multiple Occurrence	Description
PackageCount	No	Required for MPS. Total number of packages in the shipment.
SequenceNumber	No	Required if PackageCount is greater than 1. The sequence number determines the master package and is important when shipment level information is added for that package. The shipment level information added to a master package applies to all packages in the shipment.
MasterTrackingID	No	Required. The MasterTrackingID element is returned with the first package reply. This element contains both the MasterTrackingNumber and the FormID elements. The MasterTrackingID element must be added to each subsequent ship request for all other packages in the MPS.
MasterTrackingID/TrackingIDType	Package	Valid values are: <ul style="list-style-type: none"> <li>• EXPRESS</li> <li>• FREIGHT</li> <li>• GROUND</li> <li>• USPS</li> <li>• FEDEX</li> </ul>

### 37.3.4 Package and Shipment Details

**Table 208. Package and Shipment Details Elements**

Element	Multiple Occurrence	Description
ServiceType	No	Required. <i>Note: Both residential and commercial shipments use the FEDEX_GROUND ServiceType.</i>
PackagingType	Yes	Required. Valid value is YOUR_PACKAGING. <i>Note: Packages traveling to and from the U.S., Canada, and Puerto Rico require an additional package description. Use the PhysicalPackaging element to designate the package description.</i>
PhysicalPackaging	Yes	Required for packages traveling to and from the U.S., Canada, and Puerto Rico. This enumeration rationalizes the former FedEx Express® international "admissibility package" types (based on ANSI X.12) and the FedEx Freight packaging types. The values represented are those common to both carriers. <i>See Appendix K: Physical Packaging Type Codes for valid packaging types.</i>

Weight	Yes	<p>Required. Units and Value are included in this element.</p> <p>Values for the Units element are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>The Value element must contain the actual package weight. For multiple-piece shipments (MPS), each ship request must contain the package weight.</p>
TotalWeight	No	<p>Required for MPS. The TotalWeight element is submitted for the master package only, not the subsequent child packages. The master package (designated as 1 in the PackageCount element) contains the total package weight in the MPS.</p> <p>Units and Value are included in this element. Values for the Units element are:</p> <ul style="list-style-type: none"> <li>• LB</li> <li>• KG</li> </ul> <p>The Value element must contain the actual package weight.</p>
Dimensions/Height	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Width	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Length	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Units	Yes	Required if dimensions (Height, Width, Length) are submitted. Values are: <ul style="list-style-type: none"> <li>• IN</li> <li>• CM</li> </ul>
InsuredValue/Amount	No	<p>You may enter a value in this element to declare additional value for this shipment. For MPS, the master package should contain the total declared value for the shipment. No declared value is added to subsequent child shipments. FedEx does not provide insurance of any kind.</p> <p><i>Note: "InsuredValue" refers to declared value of the package. FedEx does not provide insurance of any kind.</i></p>
RequestedShipment/Date	No	Date of shipment. For FedEx International Ground, this date can be the current date or up to 10 days in advance.
RequestedShipment/TimeStamp	No	<p>Time of shipment based on shipper's time zone. Defaults to CDT.</p> <p>The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T, such as 2009-06-26T17:00:00. The UTC offset indicates the number of hours/minutes, such as xx:xx, from UTC, such as 2009-06-26T17:00:00-04:00 is defined as June 26, 2009 5:00 p.m. Eastern Time.</p> <p>See Appendix H: Vague Commodity Descriptions section</p>

### 37.3.4.1 Label Requirements

**Table 209. International Ground Label Requirements**

Element	Multiple Occurrence	Description
LabelSpecification	No	To identify the type of label format you will receive, elements in the LabelSpecification complex type element should be included in the ProcessShipment reply, depending on your label format. More information about label printing is provided in <a href="#">Creating a Label</a>

### 37.3.4.2 Broker Selection

**Table 210. Broker Selection Elements**

Element	Multiple Occurrence	Description
CustomsClearanceDetail/Brokers//AccountNumber	No	Optional. Broker's valid FedEx account number.
CustomsClearanceDetail/Brokers/Party/Tins	No	Optional. Tax ID number (EIN).
CustomsClearanceDetail/Broker/TinNumber	No	Corresponding valid Tax ID number; must match Broker/Tin description.
CustomsClearanceDetail/Brokers/Type	No	Specify one of the valid values: EXPORT IMPORT <i>Note: EXPORT is only valid for Freight shipments and Mexico origin shipments.</i>
CustomsClearanceDetail/Brokers/Broker	No	The two broker scenario for Mexico outbound shipments is optional - two brokers are not a required entry.
CustomsClearanceDetail/Contact/PersonName	No	Required.
CustomsClearanceDetail/Contact/CompanyName	No	Required if PersonName is not supplied.
CustomsClearanceDetail/Contact/PhoneNumber	No	Required.
CustomsClearanceDetail/Contact/PhoneExtension	No	Optional. Identifies the phone extension associated with this contact.
CustomsClearanceDetail/Contact/TollFreePhoneNumber	No	Optional. Identifies a toll free number, if any, associated with this contact.

CustomsClearanceDetail/Contact/PhoneNumber	No	Optional
CustomsClearanceDetail/Contact/FaxNumber	No	Optional
CustomsClearanceDetail/Contact/EmailAddress	No	Optional
CustomsClearanceDetail/Address/StreetLines	No	Optional
CustomsClearanceDetail/Address/City	No	Optional
CustomsClearanceDetail/Address/StateOrProvinceCode	No	Optional
CustomsClearanceDetail/Address/PostalCode	No	Optional
CustomsClearanceDetail/Address/CountryCode	No	Optional
CustomsClearanceDetail/Address/CountryName	No	Optional. The fully spelled out name of a country.

### 37.3.4.3 Commodity Information

*Note: A maximum of 20 occurrences of the commodity line item information is supported in the ShipService WSDL. Commodity information must be included in the Ship request for all packages in an multiple-piece shipment (MPS).*

**Table 211. Commodity Information Elements**

Element	Multiple Occurrence	Description
Commodity/NumberOfPieces	Yes	Required. The total number of packages within the shipment that contain this commodity (can be less than or equal to PackageCount).
Commodity/Description	Yes	A minimum of three characters is required for this element. Maximum number of characters is 450. <i>See <a href="#">Appendix H: Vague Commodity Descriptions</a> for a list of appropriate commodity descriptions.</i>
Commodity/CountryOfManufacture	Yes	Code of the country in which the commodity contents were produced or manufactured in their final form. <i>Note: "multiple countries" (country code 'XX') is not accepted as a valid country anymore.</i>
Commodity/HarmonizedCode	Yes	Optional. For efficient customs clearance, a Harmonized Code should be included for all commodities in a shipment. For more information regarding Harmonized Code look-up, go to <a href="http://fedex.com/GTM">fedex.com/GTM</a> .
Commodity/Quantity	Yes	Total quantity of an individual commodity within this shipment (used in conjunction with QuantityUnits). For example, if your MPS contains 10 baseballs, 10 is included in this element as part of the commodity description of baseballs assuming that the QuantityUnits value

		is EA. Must be included for each commodity.
Commodity/CIMarksandNumbers	Yes	Optional. An identifying mark or number used on the packaging of a shipment to help customs identify a particular shipment.
Commodity/QuantityUnits	Yes	Required. Unit of measure (for example: EA = each; DZ = dozen) of each commodity in the shipment.
Commodity/Weight	Yes	Required. Weight of each commodity.
Commodity/Unit Price	Yes	Required. Customs value for each piece of a particular commodity in the shipment.
Commodity/Amount	Yes	Required. At least one occurrence is required for international commodity shipments. The Commodity/Amount must equal the commodity UnitPrice times Units.
Commodity/ExportLicenseNumber	No	Required only if a commodity is shipped on a commercial export license.
Commodity/ExportLicenseExpirationDate	No	Required only if a commodity is shipped on a commercial export license and the ExportLicenseNumber element is supplied.
CommercialInvoice/Comments	Yes	A maximum of four occurrences per commodity may be included.
customsClearanceDetail/NAFTA	No	For shipments to NAFTA countries (U.S., Canada, and Mexico), you are required to enter the appropriate NAFTA information for your shipment. For more information regarding these requirements, go to <a href="http://fedex.com/us/customersupport/ftn/faq/nafta.html">fedex.com/us/customersupport/ftn/faq/nafta.html</a> .
NAFTACommodityDetail	No	Optional. Specifies the NAFTA commodity detail for the shipment.
NAFTACommodityDetail/PreferenceCriterion	No	Optional. Preference for each commodity in the shipment: A - The good was obtained or produced entirely in a NAFTA country. B - The good was produced entirely in a NAFTA country and satisfies the specific origin that applies to its tariff classification.
NAFTACommodityDetail/ProducerDetermination	No	Optional. If you are the Producer of the commodity, specify Yes. If you are not the producer of the commodity, select No and indicate whether the certificate is based on one of the following: No (1) - Your knowledge of the commodity No (2) - Written statement from producer No (3) - Signed certificate from producer

NAFTACommodityDetail/ProducerId	No	Identifies the commodity producer when multiple producers are used in a single shipment.
NAFTACommodityDetail/NetCostMethod	No	<p>Optional. The Net cost (NC) method calculates regional value content (RVC) as a percentage of the net cost to produce the good.</p> <p>Net cost represents all costs incurred by the producer minus promotions, royalties, shipping, and nonallowable interest costs. Specify one of the following:</p> <p>No - Select No if the RVC is not calculated according to the net cost method.</p> <p>NC - Select NC if the RVC is calculated according to the net cost method.</p>
NAFTACommodityDetail/NetCostDateRange	No	<p>Optional. Specify NC plus date range if RVC is calculated according to the net cost method over a period of time.</p> <p>Enter the beginning and ending dates of the time period in a MM/DD/CCYY format or select from the calendar icons.</p>

*Note: In addition to standard ground ship replies, FedEx International Ground transit times are returned in the Ship reply.*

#### 37.3.4.4 International/NAFTA Information

The following elements apply to U.S. to Canada FedEx International Ground shipments only. They *do not* apply to Canada to U.S. FedEx International Ground shipments. For international multiple-piece shipments, request GAA on the master piece.

**Table 212. FedEx International Ground U.S. to Canada NAFTA Elements**

Element	Multiple Occurrence	Description
Print General Agency Authority (GAA) Form	No	Optional. Print the GAA.
GAA Media Type	No	Optional. Specify the form for the GAA as PNG or PDF.
Provide GAA Instructions	No	Optional. Specify whether to include GAA instructions.
List Clearance Entry Fee Surcharge	No	Optional. Specify the list clearance entry fee surcharge.
Clearance Entry Fee Surcharge (Discount)	No	Optional. Specify the list clearance entry fee surcharge discount.
GAA Form	No	Optional. Specify the location of the GAA form.
GAA Form Copies To Print	No	Optional. Specify the number of GAA form copies to print.
GAA Instructions	No	Optional. Specify the GAA instructions.
GAA Instruction Copies to	No	Optional. Specify the number of GAA instruction copies to

### 37.3.5 Reply Elements

In addition to the standard reply elements for all Ship requests, the following FedEx International Ground elements are returned:

**Table 213. International Ground Reply Elements**

Element	Description
MasterTrackingID/TrackingNumber	Returned for international multiple piece shipments (MPS).
MasterTrackingID/FormID	Returned for international MPS.
Taxes/TaxType/HST	Returned for Canadian origin shipments.
Taxes/TaxType/GST	Returned for Canadian origin shipments.
Taxes/TaxType/PST	Returned for Canadian origin shipments.

#### 37.3.5.1 International/NAFTA Reply Information

**Table 214. International/NAFTA Reply Information**

Element	Description
List Clearance Entry Fee Surcharge	Returned list clearance entry fee surcharge.
Clearance Entry Fee Surcharge (Discount)	Returned list clearance entry fee surcharge discount.
GAA (General Agency Authority) form	Returned location of the GAA form. Applies only to U.S. to Canada FedEx International Ground shipments. Does not apply to Canada to U.S. FedEx International Ground shipments.
GAA Form Copies To Print	Returned number of GAA form copies to print. Applies to U.S. to Canada FedEx International Ground shipments. Does not apply to Canada to U.S. FedEx International Ground shipments.
GAA Instructions	Returned GAA instructions. Applies only to U.S. to Canada FedEx International Ground shipments. Does not apply to Canada to U.S. FedEx International Ground shipments.
GAA Instruction Copies to Print	Returned number of GAA instruction copies to print. Applies to U.S. to Canada FedEx International Ground shipments. Does not apply to Canada to U.S. FedEx International Ground shipments.

### 37.3.6 Reference Elements with Output Location

The ShipService WSDL includes the elements in [Appendix AB: CustomerReference/CustomerReferenceType Elements](#).

## **37.4 Delivery Signature Options (FedEx International Ground)**

See [Delivery Signature Options](#) for more information.

## **37.5 Future Day Shipping (FedEx International Ground)**

See FedEx Express U.S. [Future Day Shipping](#) for more information.

## **37.6 FedEx Ground Collect On Delivery (C.O.D.) (International)**

See [FedEx International Ground Shipping](#) for more information.

## **37.7 Alternate Return Address (FedEx International Ground)**

See FedEx Express U.S. [Alternate Return Address](#) for more information.

## **37.8 Mask Account Number (FedEx International Ground)**

See FedEx Express U.S. [Masked Data](#) for more information.



## 38. FedEx International Broker

FedEx International Broker Select® allows you to designate a specific customs broker other than FedEx (or our designated broker).

### 38.1 FedEx International Broker Select Service Details

FedEx International Broker Select is available when using the following services to ship to select countries:

- FedEx International Priority®
- FedEx International Economy®
- FedEx International Priority® Freight
- FedEx International Economy® Freight
- FedEx International Ground® to Canada

*Note: FedEx International Broker Select is a contract service. Contact your FedEx account executive for more information.*

For more detailed information about the services offered by FedEx, see the electronic FedEx Service Guide.

### 38.2 FedEx International Broker Select Coding Details

Before you begin coding FedEx International Broker Select, you should know the following:

- You must contact your FedEx account executive to be enrolled for this service.
- Saturday services are not allowed for FedEx International Broker Select.
- An additional routing surcharge applies to your FedEx International Broker Select shipments if you choose to have FedEx complete delivery after customs clearance and if your recipient and customs broker are served by different FedEx clearance points.

*Note: Certain customs limitations may apply for FedEx International Broker Select shipments. Contact FedEx Express® International Customer Service at 1.800.247.4747 for requirements.*

#### 38.2.1 FedEx International Broker Select Elements

FedEx International Broker Select is requested using the ShipService WSDL. In addition to the basic shipping elements required for a FedEx Express international shipment, the following elements are available for FedEx International Broker Select:

Table 216. International Broker Select Elements

Element	Description
CustomsClearanceDetail/Party/AccountNumber	Optional. Broker's valid FedEx account number.
CustomsClearanceDetail/Party/Tins	Optional. Tax ID Number. EIN (Employer Identification Number).
CustomsClearanceDetail/Party/Contact	Required. The descriptive data for a point-of-

	contact person.
CustomsClearanceDetail/Contact/ContactId	Optional. Client provided identifier corresponding to this contact information.
CustomsClearanceDetail/Contact/PersonName	Required
CustomsClearanceDetail/Contact/CompanyName	Required
CustomsClearanceDetail/Contact/PhoneNumber	Required
CustomsClearanceDetail/Contact/PhoneExtension	Optional. Identifies the phone extension associated with this contact.
CustomsClearanceDetail/Contact/TollFreePhoneNumber	Optional. Identifies a toll free number, if any, associated with this contact.
CustomsClearanceDetail/Contact/PagerNumber	Optional
CustomsClearanceDetail/Contact/FaxNumber	Optional
CustomsClearanceDetail/Contact/EmailAddress	Optional
CustomsClearanceDetail/PartyAddress/StreetLines	Required. Combination of number, street name, etc. At least one line is required for a valid physical address; empty lines should not be included.
CustomsClearanceDetail/Address/StreetLines	Optional. Additional street lines can be included as needed.
CustomsClearanceDetail/Address/City	Required
CustomsClearanceDetail/Address/StateOrProvinceCode	Required for U.S. or CA
CustomsClearanceDetail/Address/PostalCode	Optional
CustomsClearanceDetail/Address/CountryCode	Required
CustomsClearanceDetail/Address/CountryName	Optional. The fully spelled out name of a country.



## 39. Electronic Export Information

The Electronic Export Information (EEI) is the equivalent electronic version of the Shipper's Export Declaration (SED), Department of Commerce (Census Bureau) form 7525-V, which can no longer be submitted to the U.S. government (as of September 30, 2008). The EEI provides export statistics and control by reporting all pertinent export data of an international shipment transaction.

The EEI is required by the U.S. Department of Census to obtain statistical data and also by the Bureau of Industry and Security (BIS) to assist in enforcing export controls. The EEI is required when the total value of goods classified under any Schedule B number exceeds \$2500 USD or the commodities listed require an export license. This information is mandatory and must be submitted electronically by the exporter or agent through the Automated Export System (AES) for commodities listed on the Commerce Control List (CCL).

The EEI is not required for shipments from the U.S. to Canada unless the merchandise is subject to International Traffic in Arms Regulations (ITAR) or requires an export license or permit. An EEI is not required for shipment to other U.S. possessions (American Samoa, Baker Island, Commonwealth or the Northern Mariana Islands, Guam, Howland Islands, Jarvis Island, Johnston Atoll, Kingmen Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Island) or from the U.S. Virgin Islands to the U.S. or Puerto Rico.

### 39.1 Where to File

Because of U.S. Government changes in the EEI process, you must file your EEI information with AESDirect at [www.aesdirect.gov](http://www.aesdirect.gov). This Government-supported website facilitates your filing requirements and provides you with the appropriate shipper identification for your packages. FedEx will apply this information with your shipment but will no longer file this information for you.

For more information regarding EEI filing, the following locations are available:

- FedEx International Shipping page: [fedex.com/us/international](http://fedex.com/us/international)
- FedEx Global Trade Manager: [fedex.com/GTM](http://fedex.com/GTM)
- AESDirect: [www.aesdirect.gov](http://www.aesdirect.gov)
- U.S. Census Bureau: [www.census.gov/foreign-trade/](http://www.census.gov/foreign-trade/)

### 39.2 When to File

You must file an EEI for all shipments from the U.S., Puerto Rico or the U.S. Virgin Islands to foreign destinations. It is also required for all shipments between the U.S. and Puerto Rico, and from the U.S. or Puerto Rico to the U.S. Virgin Islands if any of the following apply:

- Shipment of merchandise under the same Schedule B commodity number is valued at more than \$2,500 USD and is sent from the same exporter to the same recipient on the same day.

*Note: Shipments to Canada from the U.S. are exempt from this requirement*

- The shipment contains merchandise, regardless of value, that requires an export license or permit.
- The merchandise is subject to International Traffic in Arms Regulations (ITAR), regardless of value.
- The shipment, regardless of value, is being sent to Cuba, Iran, North Korea, Sudan or Syria.
- The shipment contains rough diamonds, regardless of value (HTS 7102.10, 7102.21 and 7102.31).

An EEI is *not* required for shipments to other U.S. territories (American Samoa, Commonwealth of the Northern Mariana Islands, Guam, Howland Islands and Wake Island) or from the U.S. Virgin Islands to the U.S. or Puerto Rico.

## 39.3 U.S. to Canada

The EEI is *not* required for shipments from the U.S. to Canada except when one of the following apply:

- Merchandise is subject to International Traffic in Arms Regulations (ITAR)
- Shipment requires an export license or permit
- Shipped commodity is rough diamonds.

For more information about Electronic Export Information, go to the FedEx Global Trade Manager site at [fedex.com/GTM](http://fedex.com/GTM).

## 39.4 Information for the EEI

Identify the following information before you complete the Electronic Export Information.

- USPPI EIN and ID – if the shipper is a corporation, you'll need the EIN Employer Identification Number (Tax ID) of the U.S. principal party in interest. If the shipper is an individual, you'll need the person's social security number.
- Information about the relationship of parties to the transaction is required. This information indicates whether the sender and recipient are subsidiaries or divisions of the same company or are unrelated.
- Transportation Reference No. – requires that you supply your FedEx International Air Waybill number.
- Ultimate Consignee – identify the end user of the merchandise you are shipping only if the ultimate consignee is different from the consignee you entered on your FedEx International Air Waybill.
- Country of Ultimate Destination – indicate the country where the shipment will ultimately be used.
- D/F or M (Domestic or Foreign in AES) – indicate if the commodity was made or manufactured in the U.S. (D=domestic) or made or manufactured outside the U.S. (F=foreign).
- Schedule B Number (Commodity Classification Number in AES) – enter the correct Schedule B or Harmonized Code number and units. To find this information, go to the FedEx Global Trade Manager site on [fedex.com/gtm](http://fedex.com/gtm) or call the U.S. Census Bureau at 1.800.549.0595.
- Value – enter the selling price or cost of the merchandise if it has not been sold.
- License No./License Exception Symbol/Authorization (License Number/Citation in AES) – enter your export license number or license exception symbol. To determine if you need to supply this information, call the U.S. Department of Commerce at 1.202.482.4811 or 1.714.660.0144 in Newport Beach, California or go to the Bureau of Industry and Security website at [www.bis.doc.gov/..](http://www.bis.doc.gov/)

## 39.5 Electronic Export Information Coding Details

Electronic Export Information (EEI) shipments require either an exemption number or an ITN number (Internal Transaction Number) received from filing your EEI shipment data with AESDirect (go to [www.aesdirect.gov](http://www.aesdirect.gov) to use this application). Elements for submitting your ITN or EEI exemption number to FedEx are provided in the ShipService WSDL.

**Table 217. ITN or EEI Exemption Number Elements**

Element	Description
Sender/Tins/TinType	<p>As the shipper, your tax identification information must be uploaded to FedEx for EEI shipments. Specify the Employer Identification Number (EIN).</p> <p>Valid values are:</p> <ul style="list-style-type: none"><li>• BUSINESS_NATIONAL</li><li>• BUSINESS_STATE</li><li>• BUSINESS_UNION</li></ul>

	<ul style="list-style-type: none"> <li>• PERSONAL_NATIONAL</li> <li>• PERSONAL_STATE</li> </ul>
Sender/Tins/Number	Specify the Taxpayer Identification/Number with the corresponding ID number for TinType.
CustomsClearanceDetail/ExportDetail/ ExportComplianceStatement	<p>For shipments requiring an EEI, enter the ITN number received from AES when you filed your shipment or the FTR (Foreign Trade Regulations) exemption number.</p> <p>The proper format for an ITN number is AES YYYYYYMMDDNNNNNN where YYYYMMDD is date and NNNNNNN are numbers generated by the AES.</p>

*Note: The ITN or FTR exemption number you submit in the Ship request prints on the international shipping label.*



## 40. Commercial Destination Control

For shipments that travel under an ITAR exemption or ITAR license outbound from the U.S., Puerto Rico, the Virgin Islands, and all other U.S. territories to all other international destinations, the Department of State Commercial Destination Control Statement (DCS) must be printed on your thermal or laser shipping label, the Commercial Invoice, and any supporting export documents accompanying these shipments. FedEx Web Services provide three elements in the ShipService WSDL for you to have the appropriate DCS on your shipping label.

### 40.1 Commercial Destination Control Service Details

There are two types of Department of State shipments:

1. Exempt: Department of State exempt statements are allowed for all FedEx international services except FedEx International Ground® shipments to Canada.
2. Licensable: Licensable Department of State shipments are allowed for FedEx International Priority® and FedEx International Priority® Freight services only.

*Note: Shipments from the U.S., Puerto Rico, or the U.S. Virgin Islands to Guam, American Samoa, or Northern Mariana Islands are excluded from this requirement.*

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 40.2 Commercial Destination Control Coding Details

Required elements for printing the Commerce Destination Control Statement on your shipping label are provided in the ShipService WSDL:

**Table 218. Commerce Destination Control Statement Elements**

Element	Required	Description
CustomsClearanceDetail/ExportDetail/ DestinationControlDetail/StatementTypes	Optional	Values are: <ul style="list-style-type: none"><li>• DEPARTMENT_OF_COMMERCE</li><li>• DEPARTMENT_OF_STATE</li></ul>
CustomsClearanceDetail/ExportDetail /DestinationControlDetail/DestinationCountries	Optional	DCS shipment destination country. Up to 11 alphanumeric characters are allowed. If the StatementType is DEPARTMENT_OF_STATE, this element is required. You may enter up to four country codes in this element. <i>See Appendix A: Country Code Tables section of Web Services Developer Guide for a list of countries.</i>
CustomsClearanceDetail/ExportDetail/ DestinationControlDetail/EndUser	Optional	End-user name. If the StatementType is DEPARTMENT_OF_STATE, this element is required.





## 41. B13A for Canada Export Shipping

The B13A is an export declaration form filed with Canada Customs by the Canadian exporter for all outbound shipments containing non-restricted goods when the commercial goods are valued at \$2,000CAD or more and the final destination of the goods is a country other than the United States, Puerto Rico, or the United States Virgin Islands.

### 41.1 B13A Service Details

The following service details apply:

- For shipments of documents and commodities, the B13A is required when a shipment exceeds a customs value of \$2,000CAD.
- The B13A is also required for shipments of controlled commodities, as defined by Revenue Canada Customs and related agencies, regardless of the value of the shipment.

*Note: If you have questions regarding B13A shipping requirements, go to [fedex.com/ca\\_english/international/regulatorynews/b13afaqs.html](http://fedex.com/ca_english/international/regulatorynews/b13afaqs.html) for more information.*

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

### 41.2 B13A Coding Details

For product and/or commodity shipments: The B13A Filing Option element and associated elements must be provided for shipments of any value that are consigned to countries other than the United States, Puerto Rico, or the U.S. Virgin Islands.

For document shipments: The B13A Filing Option element and associated elements must be provided for shipments consigned to countries other than the United States, Puerto Rico, or the U.S. Virgin Islands and if the value exceeds:

- \$1,999.99CAD
- \$999.99USD
- \$0.00 for any other currency type

*Note: The B13A Authorization Code, if submitted, prints on the international shipping label.*

#### 41.2.1 B13A Elements

Required elements for the B13A export declaration are provided in the ShipService WSDL:

**Table 219. B13A Elements**

Element	Description
ExportDetail/B13AFilingOption	Required for all FedEx Express® International shipments outbound from Canada that are not destined to the United States, U.S. Virgin Islands, or Puerto Rico. Valid values are: <ul style="list-style-type: none"><li>• FEDEX_TO_STAMP</li><li>• FILED_ELECTRONICALLY</li><li>• MANUALLY_ATTACHED</li></ul>

	<ul style="list-style-type: none"> <li>• NOT_REQUIRED</li> <li>• SUMMARY_REPORTING</li> </ul> <p><i>Note: If MANUALLY_ATTACHED is specified, your manually filed B13A must be time and date stamped at a Canada Customs office before you ship. The shipment-status tracking number must be indicated on the stamped B13A. One original copy of the stamped B13A must be attached to the shipping documentation. You are not required to enter the 21-character B13A transaction number at the time of shipping. If FILED_ELECTRONICALLY is specified, your B13A authorization code must be obtained by submitting your B13A information using the CAED software. To add the required shipment-status tracking number to your B13A declaration, return to the CAED software after you create your shipping label and update your original B13A declaration with this information.</i></p>
ExportDetail/ExportComplianceStatement	General field for exporting country-specific data (such as B13A for CA, FTSR Exemption or AES Citation for US).
ExportDetail/PermitNumber	If you enter NOT_REQUIRED as the B13AFilingOption, you may enter a Canada export permit number as well (optional).
ExportDetail/DestinationControlDetail	Department of Commerce/Department of State information about this shipment.



## 42. Shipping Document Service

FedEx Web Services can save you time and help optimize your shipping by creating many shipping documents for you. You will need to submit the required data elements in your Ship requests, including signature and/or letterhead images if required. Before you can attach images, you must upload them (refer to Upload Images, Chapter 43 for details). FedEx Web Services will then create the shipping documents and return them in your Ship replies as Base64-encoded strings. You can also request that most shipping documents be sent electronically (see the Electronic Trade Documents WSDL Guide) instead of printing and attaching them to your shipments.

### 42.1 Shipping Document Service Details

FedEx Web Services can create the following types of shipping documents:

- Certificate of Origin
- Commercial Invoice
- Customer Specified Labels
- Custom Package Document
- Custom Shipment Document
- Shipper's Declaration for Dangerous Goods Form 1421C
- Export Declaration
- FedEx Freight Address Label
- General Agency Agreement (GAA)
- Labels
- NAFTA Certificate of Origin
- OP-900 (Required for shipping hazardous materials with FedEx Ground®)
- Pro Forma Invoice
- Return Instructions

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

#### 42.1.1 ShippingDocuments Elements

The following request elements are available from the ShipService WSDL.

Include the following elements to produce a Certificate of Origin:

##### 42.1.1.1 Certificate of Origin

Table 220. Certificate of Origin Elements

Element	Required or Optional	Description
ProcessShipmentRequest /RequestedShipment/ShippingDocumentSpecification/ShippingDocumentType	Required	Specify CERTIFICATE_OF_ORIGIN.
ShippingDocumentSpecification/CertificateOfOrigin	Optional	The instructions indicating how to print the Certificate of Origin, such as

		whether or not to include the instructions, image types, and so on.
ShippingDocumentSpecification/CertificateOfOrigin/DocumentFormat	Optional	Specifies characteristics of a shipping document to be produced. ImageType and StockType are required. Other elements are optional.
ShippingDocumentSpecification/CertificateOfOrigin/CustomerImageUsages	Optional	Specifies the usage and identification of customer supplied images to be used on this document. Specify image of type SIGNATURE to include on your document.
RequestedShipment/SpecialServicesRequested/ShipmentSpecialServicesRequested/ShipmentSpecialServiceType	Optional	The types of all special services requested for the enclosing shipment (or other shipment-level transaction). Specify ELECTRONIC_TRADE_DOCUMENTS to send this document electronically.
SpecialServicesRequested/EtdDetail/RequestedDocumentCopies	Optional	Specify CERTIFICATE_OF_ORIGIN if you want to send this document electronically and also receive a copy of this document in reply.
SpecialServicesRequested/Detail/DocumentReferences	Optional	Customer reference to the uploaded document(s).
RequestedShipment/CustomsClearanceDetail/Commodities/Description		Complete and accurate description of this commodity.

#### 42.1.1.2 Commercial Invoice

Include the following elements to produce a Commercial Invoice:

Table 221. Commerical Invoice Elements

Element	Required or Optional	Description
ProcessShipmentRequest /RequestedShipment/Shipper/Tins	Optional	Specify Shipper tax identification number and type.
RequestedShipment/Recipient/Tins	Optional	Specify Recipient tax identification number and type if known.
RequestedShipment/SpecialServicesRequested/ShipmentSpecialServicesRequested/SpecialServicesTypes	Optional	Specify ELECTRONIC_TRADE_DOCUMENTS to send this document electronically.
RequestedShipment/SpecialServicesRequested/ShipmentSpecialServicesRequested/EtdDetail/	Optional	Specify COMMERCIAL_INVOICE if you want to send this document electronically and also receive a copy of this document in reply.

RequestedDocumentCopies		
RequestedShipment/ CustomsClearanceDetail/Brokers	Optional	Specify Broker information only if you are using Broker Select Option for your shipment.
CustomsClearanceDetail/ Brokers/Type	Optional	Specify one of the valid values: EXPORT IMPORT <i>Note: EXPORT is only valid for Freight shipments and Mexico origin shipments.</i>
CustomsClearanceDetail/ Brokers/Broker	Optional	The two broker scenario for Mexico outbound shipments is optional - two brokers are not a required entry.
CustomsClearanceDetail/ ImporterOfRecord	Optional	Specify Importer of Record information if different from Recipient.
CustomsClearanceDetail/ CustomsValue	Optional	Specify customs value for your entire shipment.
CustomsClearanceDetail/ InsuranceCharges	Optional	Specify insurance charges if applicable. <i>Note: FedEx does not provide insurance of any kind.</i>
CustomsClearanceDetail/ PartiesToTransactionAreRelated	Optional	Specify if parties to transactions are related. Valid values are: TRUE FALSE
CustomsClearanceDetail/ CommercialInvoice/Comments	Optional	Any comments that need to be communicated about this shipment.
CustomsClearanceDetail/ CommercialInvoice/ FreightCharge	Optional	Specify freight charges.
CustomsClearanceDetail/ CommercialInvoice/ TaxesOrMiscellaneousCharge	Optional	Specify total taxes and/or any miscellaneous charges.
CustomsClearanceDetail/ CommercialInvoice/PackingCosts	Optional	Specify packing costs.
CustomsClearanceDetail/ CommercialInvoice/HandlingCosts	Optional	Specify handling costs.
CustomsClearanceDetail/ CommercialInvoice/ SpecialInstructions	Optional	Specify special instructions. <i>Note: Values specified for the CUSTOMER_REFERENCE element may also appear as special instructions.</i>
CustomsClearanceDetail/	Optional	Free-form text.

CommercialInvoice/ DeclarationStatement		
CustomsClearanceDetail/ CommercialInvoice/ PaymentTerms	Optional	Specify payment terms.
CustomsClearanceDetail/ CommercialInvoice/Purpose	Optional	<p>Specify purpose of shipment. Valid values are:</p> <ul style="list-style-type: none"> <li>• GIFT</li> <li>• NOT_SOLD</li> <li>• PERSONAL_EFFECTS</li> <li>• REPAIR_AND_RETURN</li> <li>• SAMPLE</li> <li>• SOLD</li> </ul>
CustomsClearanceDetail/ CommercialInvoice/CustomsInvoiceNumber	Optional	Customer assigned Invoice number.
CustomsClearanceDetail/ CommercialInvoice/OriginatorName	Optional	Name of the International Expert that completed the Commercial Invoice if different from Sender.
CustomsClearanceDetail/ CommercialInvoice/TermsOfSale	Optional	<p>Specify terms of sale.</p> <p>The existing incoterms, or terms of sale, are represented as enumerated list of values in the WSDLs. Due to frequent changes in the approved terms of sale,or incoterms, the type for the TermsOfSale element will be changed from a list of enumerations to a string type .</p> <p>Valid values are:</p> <ul style="list-style-type: none"> <li>• CFR_OR_CPT</li> <li>• CIF_OR_CIP</li> <li>• DDP</li> <li>• DDU</li> <li>• DAP</li> <li>• DAT</li> <li>• EXW</li> <li>• FOB_OR_FCA</li> </ul>
CustomsClearanceDetail/ Commodities/Name	Optional	Specify name of the commodity.
CustomsClearanceDetail/ Commodities/NumberOfPieces	Required	Specify number of pieces for the commodity.
CustomsClearanceDetail/ Commodities/Description	Optional	Specify description of the commodity.
CustomsClearanceDetail/ Commodities/ CountryOfManufacture	Required	Specify country where commodity was manufactured.

*Note: "multiple countries" (country code)*

		<i>'XX') is not accepted as a valid country anymore.</i>
CustomsClearanceDetail/ Commodities/HarmonizedCode	Optional	Specify Harmonized Code for commodity. Refer to the FedEx® Global Trade Manager for Harmonized Codes.
CustomsClearanceDetail/ Commodities/Weight	Required	Specify weight of commodity.
CustomsClearanceDetail/ Commodities/Quantity	Optional	Specify quantity of commodity.
CustomsClearanceDetail/ Commodities/QuantityUnits	Optional	Unit of measure used to express the quantity of this commodity line item.
CustomsClearanceDetail/ Commodities/AdditionalMeasures	Optional	Contains only additional quantitative information other than weight and quantity to calculate duties and taxes.
CustomsClearanceDetail/ Commodities/UnitPrice	Optional	Value of each unit in Quantity. Six explicit decimal positions, Max length 18 including decimal.
CustomsClearanceDetail/ Commodities/CustomsValue	Optional	Specify customs value for commodity.
CustomsClearanceDetail/ Commodities/ExciseConditions	Optional	Defines additional characteristic of commodity used to calculate duties and taxes.
CustomsClearanceDetail/ Commodities/ExportLicenseNumber	Optional	Applicable to U.S. export shipping only.
CustomsClearanceDetail/ Commodities/ ExportLicenseExpirationDate	Optional	Date of expiration. Must be at least 1 day into future. The date that the Commerce Export License expires. Export License commodities may not be exported from the U.S. on an expired license. Applicable to U.S. shipping only. Required only if commodity is shipped on commerce export license, and Export License Number is supplied.
CustomsClearanceDetail/ Commodities/ CIMarksAndNumbers	Optional	An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment.
CustomsClearanceDetail/ ExportDetail/ ExportComplianceStatement	Optional	Enter Automated Export System (AES) or Foreign Trade Regulations (FTR) exemption.
CustomsClearanceDetail/ ExportDetail/PermitNumber	Optional	This field is applicable only to Canada export non-document shipments of any value to any destination. No special characters are allowed.

CustomsClearanceDetail/ ExportDetail/ DestinationControlDetail	Optional	VERY IMPORTANT: Specify appropriate destination control statement type(s). Valid values are DEPARTMENT_OF_COMMERCE and DEPARTMENT_OF_STATE. Be sure to also specify destination country and end user.
RequestedShipment/ ShippingDocumentSpecification/ ShippingDocumentType	Required	Specify COMMERCIAL_INVOICE.
ShippingDocumentSpecification/ CommercialInvoiceDetail/ DocumentFormat	Optional	ImageType and StockType are required. Other elements are optional.
ShippingDocumentSpecification/ CommercialInvoiceDetail/ CustomerImageUsages	Optional	Specify image type of LETTER_HEAD and/or SIGNATURE to include on the document.
RequestedShipment/ RequestedPackageLineItems/ CustomerReferences	Optional	Specify P_O_NUMBER and/or INVOICE_NUMBER.

#### 42.1.1.3 NAFTA Certificate of Origin

Include the following elements to produce a NAFTA Certificate of Origin:

**Table 222. NAFTA Certificate of Origin Elements**

Element	Required or Optional	Description
ProcessShipmentRequest/RequestedShipment/ Shipper/Tins	Optional	Specify Shipper tax identification number and type.
RequestedShipment/Recipient/Tins	Optional	Specify Recipient tax identification number and type if known.
RequestedShipment/SpecialServicesRequested/ SpecialServicesTypes	Optional	Specify ELECTRONIC_TRADE_DOCUMENTS to send this document electronically.
RequestedShipment/SpecialServicesRequested/ EtdDetail/ RequestedDocumentCopies	Optional	Specify NAFTA_CERTIFICATE_OF_ORIGIN if you want to send this document electronically and also receive a copy of this document in reply.
RequestedShipment/CustomsClearanceDetail/Brokers	Optional	Specify Broker information only if you are using Broker Select Option for your shipment.
CustomsClearanceDetail/Brokers/Type	Optional	Specify one of the valid values: EXPORT IMPORT

		<i>Note: EXPORT is only valid for Freight shipments and Mexico origin shipments.</i>
CustomsClearanceDetail/Brokers/Broker	Optional	The two broker scenario for Mexico outbound shipments is optional - two brokers are not a required entry.
CustomsClearanceDetail/ImporterofRecord	Optional	Specify Importer of Record information if different from Recipient.
CustomsClearanceDetail/CustomsValue	Optional	Specify customs value for your entire shipment.
CustomsClearanceDetail/InsuranceCharges	Optional	Specify insurance charges if applicable. <i>Note: FedEx does not provide insurance of any kind.</i>
CustomsClearanceDetail/ PartiesToTransactionAreRelated	Optional	Specify if parties to transactions are related. Valid values are: TRUE FALSE
CustomsClearanceDetail/Commodities	Optional	Specify name of the commodity.
CustomsClearanceDetail/Commodities/ NumberOfPieces	Required	Specify number of pieces for the commodity.
CustomsClearanceDetail/Commodities/ Description	Optional	Specify description of the commodity.
CustomsClearanceDetail/Commodities/ CountryOfManufacture	Required	Specify country where commodity was manufactured. <i>Note: "multiple countries" (country code 'XX') is not accepted as a valid country anymore.</i>
CustomsClearanceDetail/Commodities/ HarmonizedCode	Optional	Specify Harmonized Code for commodity. Refer to the FedEx® Global Trade Manager for Harmonized Codes.
CustomsClearanceDetail/Commodities/ Weight	Required	Specify weight of commodity.
CustomsClearanceDetail/Commodities/ Quantity	Optional	Specify quantity of commodity.
CustomsClearanceDetail/Commodities/ QuantityUnits	Optional	Unit of measure used to express the quantity of this commodity line item.
CustomsClearanceDetail/Commodities/ AdditionalMeasures	Optional	Contains only additional quantitative information other than weight and quantity to calculate duties and taxes.

CustomsClearanceDetail/Commodities/UnitPrice	Optional	Value of each unit in Quantity. Six explicit decimal positions, Max length 18 including decimal.
CustomsClearanceDetail/Commodities/CustomsValue	Optional	Specify customs value for commodity.
CustomsClearanceDetail/Commodities/ExciseConditions	Optional	Defines additional characteristic of commodity used to calculate duties and taxes.
CustomsClearanceDetail/Commodities/ExportLicenseNumber	Optional	Applicable to U.S. export shipping only.
CustomsClearanceDetail/Commodities/ExportLicenseExpirationDate	Optional	Date of expiration. Must be at least 1 day into future. The date that the Commerce Export License expires. Export License commodities may not be exported from the U.S. on an expired license. Applicable to U.S. shipping only. Required only if commodity is shipped on commerce export license, and Export License Number is supplied.
CustomsClearanceDetail/Commodities/CIMarksAndNumbers	Optional	An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment.
CustomsClearanceDetail/Commodities/NaftaDetail	Optional	All data required for this commodity in NAFTA Certificate of Origin.
CustomsClearanceDetail/Commodities/NaftaDetail/PreferenceCriterion	Optional	Specify preference criterion. Valid values are: <ul style="list-style-type: none"> <li>• A</li> <li>• B</li> <li>• C</li> <li>• D</li> <li>• E</li> <li>• F</li> </ul>
CustomsClearanceDetail/Commodities/NaftaDetail/ProducerDetermination	Optional	Specify producer determination. Valid values are: <ul style="list-style-type: none"> <li>• NO_1</li> <li>• NO_2</li> <li>• NO_3</li> <li>• YES</li> </ul>
CustomsClearanceDetail/Commodities/NaftaDetail/ProducerId	Optional	Specify producer ID.
CustomsClearanceDetail/Commodities/NaftaDetail/NetCostMethod	Optional	Specify net cost method. Valid values are: <ul style="list-style-type: none"> <li>• NC</li> </ul>

		<ul style="list-style-type: none"> <li>• NO</li> </ul>
CustomsClearanceDetail/Commodities/ NaftaDetail/NetCostDateRange	Optional	Specify begin and end dates for net cost.
CustomsClearanceDetail/ExportDetail/ B13AFilingOption	Optional	Specifies which filing option is being exercised by the customer. Required for non-document shipments originating in Canada destined for any country other than Canada, the United States, Puerto Rico, or the U.S. Virgin Islands.
CustomsClearanceDetail/ExportDetail/ ExportComplianceStatement	Optional	Enter Automated Export System (AES) or Foreign Trade Regulations (FTR) exemption.
CustomsClearanceDetail/ExportDetail/ PermitNumber	Optional	This field is applicable only to Canada export non-document shipments of any value to any destination. No special characters are allowed.
CustomsClearanceDetail/ExportDetail/ DestinationControlDetail	Optional	VERY IMPORTANT: Specify appropriate destination control statement type(s). Valid values are DEPARTMENT_OF_COMMERCE and DEPARTMENT_OF_STATE. Be sure to also specify destination country and end user.
RequestedShipment/ ShippingDocumentSpecification/ ShippingDocumentTypes	Required	Specify NAFTA_CERTIFICATE_OF_ORIGIN.
ShippingDocumentSpecification/ NaftaCertificateOfOriginDetail	Optional	Data required to produce a Certificate of Origin document. Remaining content (business data) to be defined once requirements have been completed.
ShippingDocumentSpecification/ NaftaCertificateOfOriginDetail/Format	Optional	ImageType and StockType are required. Other elements are optional.
ShippingDocumentSpecification/ NaftaCertificateOfOriginDetail/BlanketPeriod	Optional	Specify begin and end dates for blanket period.
ShippingDocumentSpecification/ NaftaCertificateOfOriginDetail/ImporterSpecification	Optional	Specify importer specification. Valid values are: <ul style="list-style-type: none"> <li>• IMPORTER_OF_RECORD</li> <li>• RECIPIENT</li> <li>• UNKNOWN</li> <li>• VARIOUS</li> </ul>
ShippingDocumentSpecification/ NaftaCertificateOfOriginDetail/SignatureContact	Optional	Contact information for "Authorized Signature" area of form.
ShippingDocumentSpecification/	Optional	Specify producer specification. Valid

NaftaCertificateOfOriginDetail/ProducerSpecification		values are: <ul style="list-style-type: none"><li>• AVAILABLE_UPON_REQUEST</li><li>• MULTIPLE_SPECIFIED</li><li>• SAME</li><li>• SINGLE_SPECIFIED</li><li>• UNKNOWN</li></ul>
ShippingDocumentSpecification/ NaftaCertificateOfOriginDetail/Producers	Optional	Specify producer(s), including contact company, and tax identification information.
ShippingDocumentSpecification/ NaftaCertificateOfOriginDetail/ CustomerImageUsages	Optional	Specify image of type SIGNATURE to include on the document.

#### 42.1.1.4 OP-900

Include the following elements to produce an OP-900 form:

**Table 223. OP-900 Elements**

Element	Required or Optional	Description
RequestedShipment/ ShippingDocumentSpecification	Optional	Content data used to create additional (non-label) shipping documents.
ShippingDocumentSpecification/ ShippingDocumentTypes	Required	Specify OP_900.
ShippingDocumentSpecification/ Op900Detail	Optional	Specifies the production of the OP-900 document for hazardous materials packages.
Op900Detail/Format	Optional	Specify ImageType of PDF and StockType of OP_900_LL, or ImageType of Text and StockType of OP_900_LG. Other elements are optional.
Op900Detail/Reference	Optional	Identifies which reference type (from the package's customer reference) is to be used as the source for the references on this OP-900.
Op900Detail/CustomerImageUsages	Optional	Specifies the usage and identification of customer supplied images to be used on this document.
Op900Detail/SignatureName	Optional	Data field to be used when a name is to be printed in the document instead of (or in addition to) a signature image.
RequestedShipment/ConfigurationData	Optional	Specifies the data that is common to dangerous goods packages in the

		shipment. This is populated when the shipment contains packages with identical dangerous goods commodities.
RequestedPackageLineItems/ SpecialServicesRequested/SpecialServicesTypes	Optional	Specify DANGEROUS_GOODS.
RequestedPackageLineItems/ SpecialServicesRequested/DangerousGoodsDetail	Optional	The descriptive data required for a FedEx shipment containing dangerous goods (hazardous materials).
DangerousGoodsDetail/Options	Optional	Indicates which kinds of hazardous content are in the current package. Specify HAZARDOUS_MATERIALS.
DangerousGoodsDetail/Containers	Optional	Describes an approved container used to package dangerous goods commodities. This does not describe any individual inner receptacles that may be within this container.
Containers DangerousGoodsContainers/PackingType	Optional	Indicates whether there are additional inner receptacles within this container.
Containers DangerousGoodsContainers/HazardousCommodities	Optional	Documents the kinds and quantities of all hazardous commodities in the current container.
HazardousCommodities/Description	Optional	Identifies and describes an individual hazardous commodity.
Description/Id	Optional	Specify UN ID for commodity.
Description/PackingGroup	Optional	Specify packing group. Valid values are: DEFAULT I II III
Description/ProperShippingName	Optional	Specify DOT proper shipping name for commodity.
Description/TechnicalName	Optional	Specify the technical name for the hazardous commodity.
Description/HazardClass	Optional	Specify hazard class for commodity.
Description/SubsidiaryClasses	Optional	Specify the subsidiary class of the hazardous material.
Description/LabelText	Optional	Specify the text for the label.
DangerousGoodsDetail/Packaging	Optional	Specify packaging.
DangerousGoodsDetail/ EmergencyContactNumber	Optional	Specify emergency contact telephone

		number.
DangerousGoodsDetail/Offeror	Optional	Specify shipper name (offeror) or contact number. Required on all shipping papers, including OP900LL, OP900LG forms, and Hazardous Materials Certification per DOT regulation.

#### 42.1.1.5 Shipper's Declaration for Dangerous Goods Elements

Include the following elements to produce a Shipper's Declaration for Dangerous Goods form:

**Table 224. Dangerous Goods Shippers Declaration Elements**

Element	Required or Optional	Description
RequestedShipment/ ShippingDocumentSpecification	Optional	Content data used to create additional (non-label) shipping documents.
ShippingDocumentSpecification/ ShippingDocumentTypes	Required	Specify DANGEROUS_GOODS_SHIPPERS_DECLARATION.
ShippingDocumentSpecification/ DangerousGoodsShippersDeclarationDetail	Optional	The instructions indicating how to print the 1421C form for dangerous goods shipment.
DangerousGoodsShippersDeclarationDetail/ Format	Optional	Specifies characteristics of a shipping document to be produced.
DangerousGoodsShippersDeclarationDetail/ CustomerImageUsages	Optional	Specifies the usage and identification of customer supplied images to be used on this document.
RequestedShipment/ConfigurationData	Optional	Specifies the data that is common to dangerous goods packages in the shipment. This is populated when the shipment contains packages with identical dangerous goods commodities.
RequestedPackageLineItems/ SpecialServicesRequested/ SpecialServicesTypes	Optional	Specify DANGEROUS_GOODS.
RequestedPackageLineItems/ SpecialServicesRequested/ DangerousGoodsDetail	Optional	The descriptive data required for a FedEx shipment containing dangerous goods (hazardous materials).
DangerousGoodsDetail/Options	Optional	Indicates which kinds of hazardous content are in the current package. Specify HAZARDOUS_MATERIALS.
DangerousGoodsDetail/Containers	Optional	Describes an approved container used to package dangerous goods commodities. This does not describe any individual inner receptacles that may be within this

		container.
Containers/PackingType	Optional	Indicates whether there are additional inner receptacles within this container.
Containers/HazardousCommodities	Optional	Documents the kinds and quantities of all hazardous commodities in the current container.
HazardousCommodities/Description	Optional	Identifies and describes an individual hazardous commodity.
Description/Id	Optional	Specify UN ID for commodity.
Description/PackingGroup	Optional	Specify packing group. Valid values are: DEFAULT I II III
Description/ProperShippingName	Optional	Specify DOT proper shipping name for commodity.
Description/TechnicalName	Optional	Specify the technical name for the hazardous commodity.
Description/HazardClass	Optional	Specify hazard class for commodity.
Description/SubsidiaryClasses	Optional	Specify the subsidiary class of the hazardous material.
Description/LabelText	Optional	Specify the text for the label.
DangerousGoodsDetail/Packaging	Optional	Specify packaging.
DangerousGoodsDetail/EmergencyContactNumber	Optional	Specify emergency contact telephone number.
DangerousGoodsDetail/Offeror	Optional	Specify shipper name (offeror) or contact number. Required on all shipping papers, including OP900LL, OP900LG forms, and Hazardous Materials Certification per DOT regulation.

#### 42.1.1.6 Pro Forma Invoice

Include the following elements to produce a Pro Forma Invoice:

**Table 225. Pro Forma Invoice Elements**

Element	Description
ShippingDocumentSpecification/ ShippingDocumentType	Specify PRO_FORMA_INVOICE.
SpecialServicesRequested/ SpecialServicesTypes	Specify ELECTRONIC_TRADE_DOCUMENTS to

	send this document electronically.
SpecialServicesRequested/ EtdDetail/RequestedDocumentCopies	Specify PRO_FORMA_INVOICE to send this document electronically.
CustomsClearanceDetail/ImporterOfRecord	Specify Importer of Record information if different from Recipient.
CustomsClearanceDetail/CustomsValue	Specify customs value for your entire shipment.
CustomsClearanceDetail/CommercialInvoice/ Purpose	<p>Specify purpose of shipment. Valid values are:</p> <ul style="list-style-type: none"> <li>• GIFT</li> <li>• NOT_SOLD</li> <li>• PERSONAL_EFFECTS</li> <li>• REPAIR_AND_RETURN</li> <li>• SAMPLE</li> <li>• SOLD</li> </ul>
CustomsClearanceDetail/CommercialInvoice/ TermsOfSale	<p>Specify terms of sale. Valid values are:</p> <ul style="list-style-type: none"> <li>• CFR_OR_CPT</li> <li>• CIF_OR_CIP</li> <li>• DDP</li> <li>• DDU</li> <li>• DAP</li> <li>• DAT</li> <li>• EXW</li> <li>• FOB_OR_FCA</li> </ul>
CustomsClearanceDetail/Commodities/Name	Specify name of commodity.
CustomsClearanceDetail/Commodities/NumberOfPieces	Specify number of pieces for commodity.
CustomsClearanceDetail/Commodities/Description	Specify description of commodity.
CustomsClearanceDetail/Commodities/CountryOfManufacture	<p>Specify country where commodity was manufactured.</p> <p><i>Note: "multiple countries" (country code 'XX') is not accepted as a valid country anymore.</i></p>
CustomsClearanceDetail/Commodities/HarmonizedCode	Specify Harmonized Code for commodity. Refer to the FedEx Global Trade Manager for Harmonized Codes.
CustomsClearanceDetail/Commodities/Weight	Specify weight of commodity.
CustomsClearanceDetail/Commodities/Quantity	Specify quantity of commodity.
CustomsClearanceDetail/Commodities/CustomsValue	Specify customs value for commodity.
ShippingDocumentSpecification/CommercialInvoiceDetail/ DocumentFormat	ImageType and StockType are required. Other elements are optional.

ShippingDocumentSpecification/CommercialInvoiceDetail/CustomerImageUsages	Specify image of type LETTER_HEAD and/or SIGNATURE to include on the document.
RequestedPackageLineItems/CustomerReferences	Specify P_O_NUMBER to include a purchase order number. Specify CUSTOMER_REFERENCE to include special instructions.

#### 42.1.1.7 Freight Address Label

Include the following elements to produce a Freight Address Label:

**Table 226. Freight Address Label Elements**

Element	Description
ShippingDocumentSpecification/ ShippingDocumentType	Specify FREIGHT_ADDRESS_LABEL. <i>Note: Type OUTBOUND_LABEL is the enumerator used to indicate the Bill of Lading, for both Uniform and VICS formats.</i>
ShippingDocumentSpecification/ ShippingDocumentType/FreightAddressLabelDetail/	Specifies the details on the Freight Address Label.
FreightAddressLabelDetail/Format/ ShippingDocumentFormat/StockType	Lists the correct type of paper for the Freight address label option. Specify valid value: <ul style="list-style-type: none"><li>• PAPER_4_PER_PAGE_PORTRAIT</li></ul>

#### 42.1.2 Samples

Sample code, sample transactions and the specific individual WSDL/XML guide(s) can be downloaded following these steps:

1. Go to the FedEx Developer Resource Center (DRC) at [www.fedex.com/developer](http://www.fedex.com/developer). Log in with your FedEx.com username and password. If you do not have one, then click on the "Register Now" link. Fill out the form for your DRC username and password.
2. From the left navigation area of the page, click on the link 'FedEx Web Services'.
3. Click on the link 'Move to documentation' under 'Documentation and Downloads'.
4. Click on either the Standard Services tab or the Advanced Services tab on the WSDL Downloads component to find the functionality you are interested in.
5. Use the 'Download code in...' drop-down to select a programming language for the sample code of the WSDL that has the functionality you need and check the 'Include Documentation (PDF)' check-box under the drop-down in order to download the guide for that WSDL. Then select the gray 'Go' button beside the programming language you selected on the drop-down.
6. In the light gray margin near the name of the functionality (e.g. Ship Service, Rate Service, etc.), there is a link for the WSDL. Click on that link to download the desired WSDL.
7. If you wish to download all of the WSDLs' sample code, sample transactions, and the Developer Guide, at the top of the WSDL component, click the programming language of your choice on the drop-down next to 'DOWNLOAD ALL' and check the 'Include Documentation (PDF)' check-box. Then select the purple 'Download' button.

#### 42.1.3 Error Messages

For error messages, see the *Appendix O: Error Code Messages* section of the *Web Services Developer Guide*.



## Elements

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## Simple types

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[DeletionControlType](#)  
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[Dimensions](#) [HazardousCommodityQuantityType](#)  
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[DocTabContentBarcoded](#) [HazardousContainerPackingType](#)  
[DocTabContentZone001](#) [HomeDeliveryPremiumType](#)  
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[DocumentFormatOptionsRequested](#) [InternationalControlledExportType](#)  
[EdtCommodityTax](#) [InternationalDocumentContentType](#)  
[EdtExciseCondition](#) [LabelFormatType](#)  
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[EMailLabelDetail](#) [LabelOrderType](#)  
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[ShipmentDryIceDetail](#)  
[ShipmentLegRateDetail](#)  
[ShipmentManifestDetail](#)  
[ShipmentOperationalDetail](#)  
[ShipmentRateDetail](#)  
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#### element DeleteShipmentRequest

diagram	
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
type	<a href="#">ns:DeleteShipmentRequest</a>
source	<xs:element name="DeleteShipmentRequest" type="ns:DeleteShipmentRequest"/>

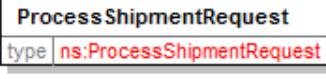
#### element DeleteTagRequest

diagram	
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
type	<a href="#">ns:DeleteTagRequest</a>
source	<xs:element name="DeleteTagRequest" type="ns:DeleteTagRequest"/>

#### element ProcessShipmentReply

diagram	
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
type	<a href="#">ns:ProcessShipmentReply</a>
source	<xs:element name="ProcessShipmentReply" type="ns:ProcessShipmentReply"/>

**element ProcessShipmentRequest**

diagram	
namespace	http://fedex.com/ws/ship/v17
type	ns:ProcessShipmentRequest
source	<xs:element name="ProcessShipmentRequest" type="ns:ProcessShipmentRequest"/>

**element ProcessTagReply**

diagram	
namespace	http://fedex.com/ws/ship/v17
type	ns:ProcessTagReply
source	<xs:element name="ProcessTagReply" type="ns:ProcessTagReply"/>

**element ProcessTagRequest**

diagram	
namespace	http://fedex.com/ws/ship/v17
type	ns:ProcessTagRequest
source	<xs:element name="ProcessTagRequest" type="ns:ProcessTagRequest"/>

**element ShipmentReply**

diagram	
namespace	http://fedex.com/ws/ship/v17
type	ns:ShipmentReply
source	<xs:element name="ShipmentReply" type="ns:ShipmentReply"/>

**element ValidateShipmentRequest**

diagram	
namespace	http://fedex.com/ws/ship/v17
type	ns:ValidateShipmentRequest
source	<xs:element name="ValidateShipmentRequest" type="ns:ValidateShipmentRequest"/>

**complexType AdditionalLabelsDetail**

diagram	<pre> sequenceDiagram     participant ALD as AdditionalLabelsDetail     participant Type as ns1&gt;Type     participant Count as ns1&gt;Count     ALD-&gt;&gt;Type:      ALD-&gt;&gt;Count:    </pre> <p><b>AdditionalLabelsDetail</b></p> <p>Specifies additional labels to be produced. All required labels for shipments will be produced without the need to request additional labels. These are only available as thermal labels.</p> <p><b>ns1&gt;Type</b> type ns:AdditionalLabelsType The type of additional labels to return.</p> <p><b>ns1&gt;Count</b> type xs:nonNegativeInteger The number of this type label to return</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1&gt;Type ns1&gt;Count</b>
annotation	<p>documentation</p> <p>Specifies additional labels to be produced. All required labels for shipments will be produced without the need to request additional labels. These are only available as thermal labels.</p>
source	<pre> &lt;xs:complexType name="AdditionalLabelsDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies additional labels to be produced. All required labels for shipments will be produced without the need to request additional labels. These are only available as thermal labels.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:AdditionalLabelsType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The type of additional labels to return.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Count" type="xs:nonNegativeInteger" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The number of this type label to return&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

complexType <b>Address</b>	
diagram	

	<pre> classDiagram     class Address {         &lt;&lt;Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).&gt;&gt;     }     class StreetLines {         &lt;&lt;Combination of number, street name, etc. At least one line is required for a valid physical address; empty lines should not be included.&gt;&gt;     }     class City {         &lt;&lt;Name of city, town, etc.&gt;&gt;     }     class StateOrProvinceCode {         &lt;&lt;Identifying abbreviation for US state, Canada province, etc. Format and presence of this field will vary, depending on country.&gt;&gt;     }     class PostalCode {         &lt;&lt;Identification of a region (usually small) for mail/package delivery. Format and presence of this field will vary, depending on country.&gt;&gt;     }     class UrbanizationCode {         &lt;&lt;Relevant only to addresses in Puerto Rico.&gt;&gt;     }     class CountryCode {         &lt;&lt;The two-letter code used to identify a country.&gt;&gt;     }     class CountryName {         &lt;&lt;The fully spelled out name of a country.&gt;&gt;     }     class Residential {         &lt;&lt;Indicates whether this address is residential (as opposed to commercial).&gt;&gt;     }     Address &lt; -- StreetLines     Address &lt; -- City     Address &lt; -- StateOrProvinceCode     Address &lt; -- PostalCode     Address &lt; -- UrbanizationCode     Address &lt; -- CountryCode     Address &lt; -- CountryName     Address &lt; -- Residential   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:StreetLines ns1:City ns1:StateOrProvinceCode ns1:PostalCode ns1:UrbanizationCode ns1:CountryCode ns1:CountryName ns1:Residential
annotation	<p>documentation</p> <p>Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).</p>
source	<pre> &lt;xsd:complexType name="Address"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="StreetLines" type="xsd:string" minOccurs="0" maxOccurs="2"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Combination of number, street name, etc. At least one line is required for a valid physical address;</pre>

```

empty lines should not be included.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="City" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Name of city, town, etc.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="StateOrProvinceCode" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifying abbreviation for US state, Canada province, etc. Format and presence of this field will vary, depending on country.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="PostalCode" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identification of a region (usually small) for mail/package delivery. Format and presence of this field will vary, depending on country.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="UrbanizationCode" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Relevant only to addresses in Puerto Rico.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CountryCode" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>The two-letter code used to identify a country.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CountryName" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>The fully spelt out name of a country.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Residential" type="xs:boolean" minOccurs="0">
<xs:annotation>
<xs:documentation>Indicates whether this address residential (as opposed to commercial).</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType AdrLicenseDetail

diagram	<p>Specifies the details around the ADR license required for shipping.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:LicenseOrPermitDetail</b>

annotation	documentation Specifies the details around the ADR license required for shipping.
source	<pre>&lt;xs:complexType name="AdrLicenseDetail"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Specifies the details around the ADR license required for shipping.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt; &lt;xs:element name="LicenseOrPermitDetail" type="ns:LicenseOrPermitDetail" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType AlcoholDetail

diagram	<pre> classDiagram     class AlcoholDetail     class ns1:RecipientType {         &lt;&lt;type ns:AlcoholRecipientType&gt;&gt;     }     AlcoholDetail &lt; -- ns1:RecipientType     </pre> <p>The diagram shows a UML class hierarchy. An 'AlcoholDetail' class is at the top level. Below it, a dashed line indicates inheritance, leading to a 'ns1:RecipientType' class. This class is annotated with 'type ns:AlcoholRecipientType'. A note below the 'ns1:RecipientType' class states: 'The license type that the recipient of the alcohol package.'</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:RecipientType
annotation	documentation Specifies details for a package containing alcohol
source	<pre>&lt;xs:complexType name="AlcoholDetail"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Specifies details for a package containing alcohol.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt; &lt;xs:element name="RecipientType" type="ns:AlcoholRecipientType" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;The license type that the recipient of the alcohol package.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType AssociatedShipmentDetail

diagram	
---------	--

	<pre> classDiagram     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:CustomerReference : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:ShipmentOperationalDetail : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:PackageOperationalDetail : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:Label : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:TrackingId : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:PackagingType : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:ServiceType : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:Recipient : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1:Sender : type     ns1:AssociatedShipmentType "0..∞" --&gt; ns1&gt;Type : type   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Type ns1:Sender ns1:Recipient ns1:ServiceType ns1:PackagingType ns1:TrackingId ns1:CustomerReferences ns1:ShipmentOperationalDetail ns1:PackageOperationalDetail ns1:Label
source	<pre> &lt;xs:complexType name="AssociatedShipmentDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:AssociatedShipmentType" minOccurs="0"/&gt;     &lt;xs:element name="Sender" type="ns:Party" minOccurs="0"/&gt;     &lt;xs:element name="Recipient" type="ns:Party" minOccurs="0"/&gt;     &lt;xs:element name="ServiceType" type="ns:ServiceType" minOccurs="0"/&gt;     &lt;xs:element name="PackagingType" type="ns:PackagingType" minOccurs="0"/&gt;     &lt;xs:element name="TrackingId" type="ns:TrackingId" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the tracking id for the payment on the return.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CustomerReferences" type="ns:CustomerReference" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies additional customer reference data about the associated shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

```

</xs:element>
<xs:element name="ShipmentOperationalDetail" type="ns:ShipmentOperationalDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies shipment level operational information.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PackageOperationalDetail" type="ns:PackageOperationalDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies package level operational information on the associated shipment. This information is not tied to an individual outbound package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Label" type="ns:ShippingDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

#### complexType BinaryBarcode

diagram	<p>BinaryBarcode</p> <p>Each instance of this data type represents a barcode whose content must be represented as binary data (i.e. not ASCII text).</p> <p><b>ns1&gt;Type</b> type ns:BinaryBarcodeType The kind of barcode data in this instance.</p> <p><b>ns1&gt;Value</b> type xs:base64Binary The data content of this instance.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1&gt;Type ns1&gt;Value</b>
annotation	<p>documentation</p> <p>Each instance of this data type represents a barcode whose content must be represented as binary data (i.e. not ASCII text).</p>
source	<pre> &lt;xs:complexType name="BinaryBarcode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Each instance of this data type represents a barcode whose content must be represented as binary data (i.e. not ASCII text).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:BinaryBarcodeType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The kind of barcode data in this instance.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Value" type="xs:base64Binary" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The data content of this instance.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType BrokerDetail

diagram	
---------	--

	<pre> graph LR     BD[BrokerDetail] --&gt; Type1(ns1:Type)     Type1 --&gt; Broker1(ns1:Broker) </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Type ns1:Broker
source	<pre> &lt;xs:complexType name="BrokerDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:BrokerType" minOccurs="0"/&gt;     &lt;xs:element name="Broker" type="ns:Party" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType CertificateOfOriginDetail

diagram	<pre> graph LR     COOD[CertificateOfOriginDetail] --&gt; DF1(ns1:DocumentFormat)     DF1 --&gt; CIU1(ns1:CustomerImageUsages) </pre> <p>The instructions indicating how to print the Certificate of Origin ( e.g. whether or not to include the instructions, image type, etc ...)</p> <p>Specifies characteristics of a shipping document to be produced.</p> <p>Specifies the usage and identification of customer supplied images to be used on this document.</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:DocumentFormat ns1:CustomerImageUsages
annotation	<p>documentation</p> <p>The instructions indicating how to print the Certificate of Origin ( e.g. whether or not to include the instructions, image type, etc ...)</p>
source	<pre> &lt;xs:complexType name="CertificateOfOriginDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The instructions indicating how to print the Certificate of Origin ( e.g. whether or not to include the instructions, image type, etc ...)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="DocumentFormat" type="ns:ShippingDocumentFormat" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies characteristics of a shipping document to be produced.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the usage and identification of customer supplied images to be used on this document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType ClientDetail

diagram	<pre> classDiagram     class ClientDetail {         &lt;&lt;Descriptive data for the client submitting a transaction.&gt;&gt;     }     class ns1:AccountNumber {         type xs:string         &lt;&lt;The FedEx account number associated with this transaction.&gt;&gt;     }     class ns1:MeterNumber {         type xs:string         &lt;&lt;This number is assigned by FedEx and identifies the unique device from which the request is originating&gt;&gt;     }     class ns1:IntegratorId {         type xs:string         &lt;&lt;Only used in transactions which require identification of the FedEx Office integrator.&gt;&gt;     }     class ns1:Localization {         type ns:Localization         &lt;&lt;The language to be used for human-readable Notification.localizedMessage s in responses to the request containing this ClientDetail object. Different requests from the same client may contain different Localization data. (Contrast with TransactionDetail.localization , which governs data payload language/translation.)&gt;&gt;     }      ClientDetail --&gt; ns1:AccountNumber     ClientDetail --&gt; ns1:MeterNumber     ClientDetail --&gt; ns1:IntegratorId     ClientDetail --&gt; ns1:Localization   </pre>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:AccountNumber ns1:MeterNumber ns1:IntegratorId ns1:Localization</b>
annotation	<p>documentation</p> <p>Descriptive data for the client submitting a transaction.</p>
source	<pre> &lt;xs:complexType name="ClientDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Descriptive data for the client submitting a transaction.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="AccountNumber" type="xs:string" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The FedEx account number associated with this transaction.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="MeterNumber" type="xs:string" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;This number is assigned by FedEx and identifies the unique device from which the request is originating&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="IntegratorId" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Only used in transactions which require identification of the FedEx Office integrator.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Localization" type="ns:Localization" minOccurs="0"&gt;       &lt;xs:annotation&gt;   </pre>

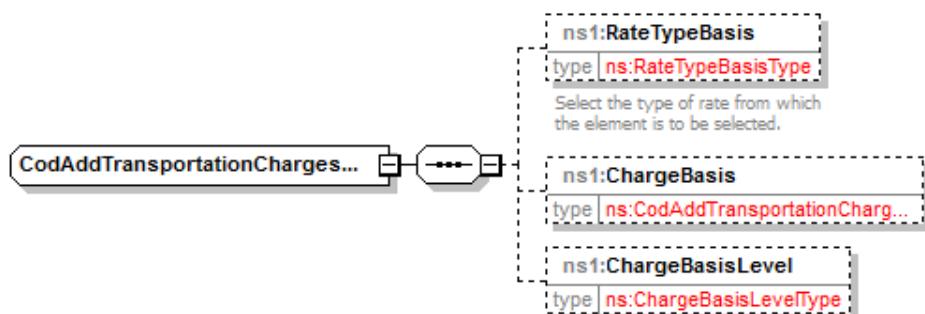
```

<xs:documentation>The language to be used for human-readable Notification.localizedMessages in responses to the request containing this ClientDetail object. Different requests from the same client may contain different Localization data. (Contrast with TransactionDetail.localization, which governs data payload language/translation.)</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType CodAddTransportationChargesDetail

diagram



namespace http://fedex.com/ws/ship/v17

children ns1:RateTypeBasis ns1:ChargeBasis ns1:ChargeBasisLevel

source

```

<xs:complexType name="CodAddTransportationChargesDetail">
  <xs:sequence>
    <xs:element name="RateTypeBasis" type="ns:RateTypeBasisType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Select the type of rate from which the element is to be selected.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ChargeBasis" type="ns:CodAddTransportationChargeBasisType" minOccurs="0"/>
    <xs:element name="ChargeBasisLevel" type="ns:ChargeBasisLeveType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

```

#### complexType CodDetail

diagram

	<pre> classDiagram     class CodDetail {         ns1:CodCollectionAmount         ns1:AddTransportationChargesDetail         ns1:CollectionType         ns1:CodRecipient         ns1:FinancialInstitutionContactAndAddress         ns1:RemitToName         ns1:ReferenceIndicator         ns1:ReturnTrackingId     } </pre> <p><b>CodDetail</b> Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment.</p> <p><b>ns1:CodCollectionAmount</b> type ns:Money</p> <p><b>ns1:AddTransportationChargesDetail</b> type ns:CodAddTransportationChargesDetail</p> <p>Specifies the details of the charges are to be added to the COD collect amount.</p> <p><b>ns1:CollectionType</b> type ns:CodCollectionType</p> <p>Identifies the type of funds FedEx should collect upon package delivery</p> <p><b>ns1:CodRecipient</b> type ns:Party</p> <p>For Express this is the descriptive data that is used for the recipient of the FedEx Letter containing the COD payment. For Ground this is the descriptive data for the party to receive the payment that prints the COD receipt.</p> <p><b>ns1:FinancialInstitutionContactAndAddress</b> type ns&gt;ContactAndAddress</p> <p>When the FedEx COD payment type is not CASH, indicates the contact and address of the financial institution used to service the payment of the COD.</p> <p><b>ns1:RemitToName</b> type xs:string</p> <p>Specifies the name of person or company receiving the secured/unsecured funds payment</p> <p><b>ns1:ReferenceIndicator</b> type ns:CodReturnReferenceIndicator</p> <p>Indicates which type of reference information to include on the COD return shipping label.</p> <p><b>ns1:ReturnTrackingId</b> type ns:TrackingId</p> <p>Only used with multi-piece COD shipments sent in multiple transactions. Required on last transaction only.</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:CodCollectionAmount ns1:AddTransportationChargesDetail ns1:CollectionType ns1:CodRecipient ns1:FinancialInstitutionContactAndAddress ns1:RemitToName ns1:ReferenceIndicator ns1:ReturnTrackingId
annotation	<p>documentation</p> <p>Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment.</p>
source	<pre> &lt;xs:complexType name="CodDetail"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="CodCollectionAmount" type="ns:Money" minOccurs="0"/&gt;         &lt;xs:element name="AddTransportationChargesDetail" type="ns:CodAddTransportationChargesDetail" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Specifies the details of the charges are to be added to the COD collect amount.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```

</xs:element>
<xs:element name="CollectionType" type="ns:CodCollectionType" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Identifies the type of funds FedEx should collect upon package delivery</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CodRecipient" type="ns:Party" minOccurs="0">
  <xs:annotation>
    <xs:documentation>For Express this is the descriptive data that is used for the recipient of the FedEx Letter containing the COD payment. For Ground this is the descriptive data for the party to receive the payment that prints the COD receipt.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FinancialInstitutionContactAndAddress" type="ns>ContactAndAddress" minOccurs="0">
  <xs:annotation>
    <xs:documentation>When the FedEx COD payment type is not CASH, indicates the contact and address of the financial institution used to service the payment of the COD.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RemitToName" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the name of person or company receiving the secured/unsecured funds payment</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ReferenceIndicator" type="ns:CodReturnReferenceIndicatorType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates which type of reference information to include on the COD return shipping label.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ReturnTrackingId" type="ns:TrackingId" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Only used with multi-piece COD shipments sent in multiple transactions. Required on last transaction only.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType CodReturnPackageDetail

diagram

	<pre> classDiagram     class CodReturnPackageDetail {         &lt;&lt;Specifies the information associated with a package that has COD special service in a ground shipment.&gt;&gt;     }     class CollectionAmount {         type ns:Money     }     class AdjustmentType {         type ns:CodAdjustmentType     }     class Electronic {         type xs:boolean     }     class Barcodes {         type ns:PackageBarcodes     }     class Label {         type ns:ShippingDocument     }      CodReturnPackageDetail &lt;--&gt; CollectionAmount     CodReturnPackageDetail &lt;--&gt; AdjustmentType     CodReturnPackageDetail &lt;--&gt; Electronic     CodReturnPackageDetail &lt;--&gt; Barcodes     CodReturnPackageDetail &lt;--&gt; Label </pre>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:CollectionAmount ns1:AdjustmentType ns1:Electronic ns1:Barcodes ns1:Label</b>
annotation	<p>documentation</p> <p>Specifies the information associated with a package that has COD special service in a ground shipment.</p>
source	<pre> &lt;xs:complexType name="CodReturnPackageDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the information associated with a package that has COD special service in a ground shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="CollectionAmount" type="ns:Money" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The COD amount (after any accumulations) that must be collected upon delivery of a package shipped using the COD special service.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="AdjustmentType" type="ns:CodAdjustmentType" minOccurs="0"/&gt;     &lt;xs:element name="Electronic" type="xs:boolean" minOccurs="0"/&gt;     &lt;xs:element name="Barcodes" type="ns:PackageBarcodes" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Contains the data which form the Astra and 2DCommon barcodes that print on the COD return label.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Label" type="ns:ShippingDocument" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The label image or printer commands to print the label.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

## complexType CommercialInvoice

diagram	<p><b>CommercialInvoice</b></p> <p>CommercialInvoice element is required for electronic upload of CI data. It will serve to create/transmit an Electronic Commercial Invoice through the FedEx Systems. Customers are responsible for printing their own Commercial Invoice. If you would like FedEx to generate a Commercial Invoice and transmit it to Customs, for clearance purposes, you need to specify that in the ShippingDocumentSpecification element. If you would like a copy of the Commercial Invoice that FedEx generated returned to you in reply it needs to be specified in the ETDDetail/RequestedDocumentCopies element. Commercial Invoice support consists of maximum of 99 commodity line items.</p> <ul style="list-style-type: none"> <li><b>ns1:Comments</b> (type xs:string) 0..99 Any comments that need to be communicated about this shipment.</li> <li><b>ns1:FreightCharge</b> (type ns:Money) Any freight charges that are associated with this shipment.</li> <li><b>ns1:TaxesOrMiscellaneousCharge</b> (type ns:Money) Any taxes or miscellaneous charges (other than Freight charges or Insurance charges) that are associated with this shipment.</li> <li><b>ns1:TaxesOrMiscellaneousChargeType</b> (type ns:TaxesOrMiscellaneousChargeType) Specifies which kind of charge is being recorded in the preceding field.</li> <li><b>ns1:PackingCosts</b> (type ns:Money) Any packing costs that are associated with this shipment.</li> <li><b>ns1:HandlingCosts</b> (type ns:Money) Any handling costs that are associated with this shipment.</li> <li><b>ns1:SpecialInstructions</b> (type xs:string) Free-form text.</li> <li><b>ns1:DeclarationStatement</b> (type xs:string) Free-form text.</li> <li><b>ns1:PaymentTerms</b> (type xs:string) Free-form text.</li> <li><b>ns1:Purpose</b> (type ns:PurposeOfShipmentType) The reason for the shipment. Note: SOLD is not a valid purpose for a Proforma Invoice.</li> <li><b>ns1:CustomerReferences</b> (type ns:CustomerReference) 0..∞ Additional customer reference data.</li> <li><b>ns1:OriginatorName</b> (type xs:string) Name of the International Expert that completed the Commercial Invoice different from Sender.</li> <li><b>ns1:TermsOfSale</b> (type xs:string) Required for durable international Express or Ground shipments. This field is not applicable to an international P&amp;P (document) or a non-document which does not require a Commercial Invoice.</li> </ul>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:Comments</b> <b>ns1:FreightCharge</b> <b>ns1:TaxesOrMiscellaneousCharge</b> <b>ns1:TaxesOrMiscellaneousChargeType</b> <b>ns1:PackingCosts</b> <b>ns1:HandlingCosts</b> <b>ns1:SpecialInstructions</b> <b>ns1:DeclarationStatement</b> <b>ns1:PaymentTerms</b> <b>ns1:Purpose</b> <b>ns1:CustomerReferences</b> <b>ns1:OriginatorName</b> <b>ns1:TermsOfSale</b>
annotation	<p>documentation</p> <p>CommercialInvoice element is required for electronic upload of CI data. It will serve to create/transmit an Electronic Commercial Invoice through the FedEx Systems. Customers are responsible for printing their own Commercial Invoice. If you would like FedEx to generate a Commercial Invoice and transmit it to Customs, for clearance purposes, you need to specify that in the ShippingDocumentSpecification element. If you would like a copy of the Commercial Invoice that FedEx generated returned to you in reply it needs to be specified in the ETDDetail/RequestedDocumentCopies element. Commercial Invoice support consists of maximum of 99 commodity line items.</p>

source

```
<xs:complexType name="CommercialInvoice">
  <xs:annotation>
    <xs:documentation>CommercialInvoice element is required for electronic upload of CI data. It will serve to create/transmit an Electronic Commercial Invoice through the FedEx Systems. Customers are responsible for printing their own Commercial Invoice. If you would like FedEx to generate a Commercial Invoice and transmit it to Customs, for clearance purposes, you need to specify that in the ShippingDocumentSpecification element. If you would like a copy of the Commercial Invoice that FedEx generated returned to you in reply it needs to be specified in the ETDDetail/RequestedDocumentCopies element. Commercial Invoice support consists of maximum of 99 commodity line items.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Comments" type="xs:string" minOccurs="0" maxOccurs="99">
      <xs:annotation>
        <xs:documentation>Any comments that need to be communicated about this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FreightCharge" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Any freight charges that are associated with this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TaxesOrMiscellaneousCharge" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Any taxes or miscellaneous charges(other than Freight charges or Insurance charges) that are associated with this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TaxesOrMiscellaneousChargeType" type="ns:TaxesOrMiscellaneousChargeType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies which kind of charge is being recorded in the preceding field.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PackingCosts" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Any packing costs that are associated with this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="HandlingCosts" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Any handling costs that are associated with this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SpecialInstructions" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Free-form text.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DeclarationStatement" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Free-form text.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PaymentTerms" type="xs:string" minOccurs="0">
      <xs:annotation>
```

```

<xs:documentation>Free-form text.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Purpose" type="ns:PurposeOfShipmentType" minOccurs="0">
<xs:annotation>
<xs:documentation>The reason for the shipment. Note: SOLD is not a valid purpose for a Proforma Invoice.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CustomerReferences" type="ns:CustomerReference" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Additional customer reference data.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="OriginatorName" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Name of the International Expert that completed the Commercial Invoice different from Sender.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TermsOfSale" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Required for dutiable international Express or Ground shipments. This field is not applicable to an international PIB(document) or a non-document which does not require a Commercial Invoice.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

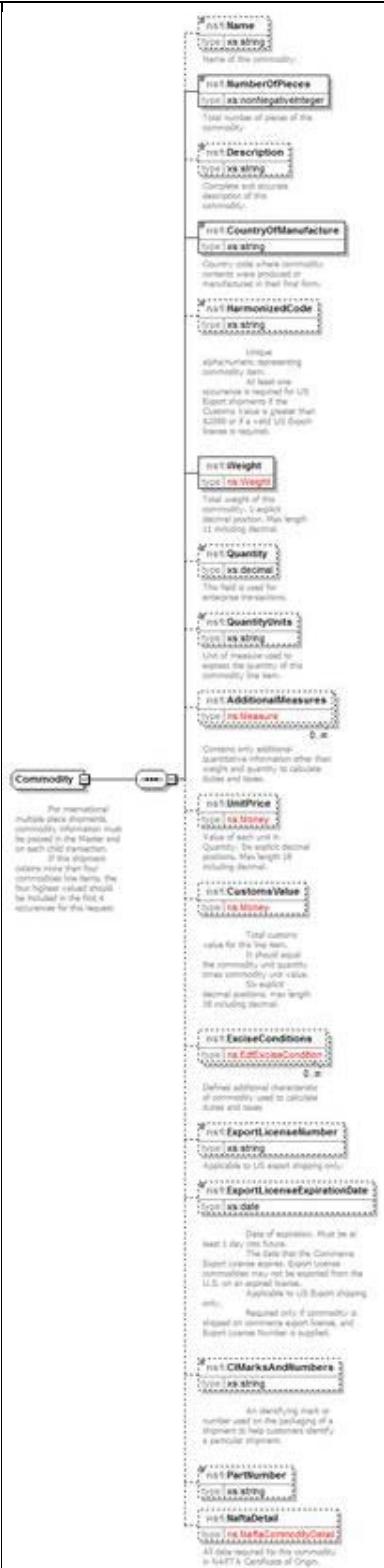
#### complexType CommercialInvoiceDetail

diagram	<p>The instructions indicating how to print the Commercial Invoice( e.g. image type) Specifies characteristics of a shipping document to be produced.</p> <p>Specifies the usage and identification of a customer supplied image to be used on this document.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:Format ns1:CustomerImageUsages
annotation	<p>documentation</p> <p>The instructions indicating how to print the Commercial Invoice( e.g. image type) Specifies characteristics of a shipping document to be produced.</p>
source	<pre> &lt;xs:complexType name="CommercialInvoiceDetail"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;The instructions indicating how to print the Commercial Invoice( e.g. image type) Specifies characteristics of a shipping document to be produced.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt; &lt;xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"/&gt; &lt;xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded"&gt; &lt;xs:annotation&gt; </pre>

`<xs:documentation>Specifies the usage and identification of a customer supplied image to be used on this document.</xs:documentation>`  
`</xs:annotation>`  
`</xs:element>`  
`</xs:sequence>`  
`</xs:complexType>`

### complexType Commodity

diagram



namespace <http://fedex.com/ws/ship/v17>

children	<p><b>ns1:Name ns1:NumberOfPieces ns1:Description ns1:CountryOfManufacture ns1:HarmonizedCode ns1:Weight ns1:Quantity ns1:QuantityUnits ns1:AdditionalMeasures ns1:UnitPrice ns1:CustomsValue ns1:ExciseConditions ns1:ExportLicenseNumber ns1:ExportLicenseExpirationDate ns1:CI_marksAndNumbers ns1:PartNumber ns1:NaftaDetail</b></p>
annotation	<p>documentation</p> <p>For international multiple piece shipments, commodity information must be passed in the Master and on each child transaction. If this shipment contains more than four commodities line items, the four highest valued should be included in the first 4 occurrences for this request.</p>
source	<pre>&lt;xs:complexType name="Commodity"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       For international multiple piece shipments, commodity information must be passed in the Master and on each child transaction.       If this shipment contains more than four commodities line items, the four highest valued should be included in the first 4 occurrences for this request.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Name" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Name of this commodity.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="NumberOfPieces" type="xs:nonNegativeInteger" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Total number of pieces of this commodity&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Description" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Complete and accurate description of this commodity.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:appinfo&gt;         &lt;xs:MaxLength&gt;450&lt;/xs:MaxLength&gt;       &lt;/xs:appinfo&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CountryOfManufacture" type="xs:string" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Country code where commodity contents were produced or manufactured in their final form.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:appinfo&gt;         &lt;xs:MaxLength&gt;2&lt;/xs:MaxLength&gt;       &lt;/xs:appinfo&gt;     &lt;/xs:element&gt;     &lt;xs:element name="HarmonizedCode" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;           Unique alpha/numeric representing commodity item.           At least one occurrence is required for US Export shipments if the Customs Value is greater than \$2500 or if a valid US Export license is required.         &lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:appinfo&gt;         &lt;xs:MaxLength&gt;14&lt;/xs:MaxLength&gt;       &lt;/xs:appinfo&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

```

</xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="Weight" type="ns:Weight" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Total weight of this commodity. 1 explicit decimal position. Max length 11 including decimal.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Quantity" type="xs:decimal" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This field is used for enterprise transactions.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="QuantityUnits" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Unit of measure used to express the quantity of this commodity line item.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AdditionalMeasures" type="ns:Measure" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Contains only additional quantitative information other than weight and quantity to calculate duties and taxes.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="UnitPrice" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Value of each unit in Quantity. Six explicit decimal positions, Max length 18 including decimal.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomsValue" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>
      Total customs value for this line item.  

      It should equal the commodity unit quantity times commodity unit value.  

      Six explicit decimal positions, max length 18 including decimal.
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExciseConditions" type="ns:EdtExciseCondition" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Defines additional characteristic of commodity used to calculate duties and taxes</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExportLicenseNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Applicable to US export shipping only.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:appinfo>
  <xs:MaxLength>12</xs:MaxLength>

```

```

</xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="ExportLicenseExpirationDate" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>
      Date of expiration. Must be at least 1 day into future.
      The date that the Commerce Export License expires. Export License commodities may not be exported from the U.S. on an expired license.
      Applicable to US Export shipping only.
      Required only if commodity is shipped on commerce export license, and Export License Number is supplied.
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CIMarksAndNumbers" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>
      An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment.
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PartNumber" type="xs:string" minOccurs="0"/>
<xs:element name="NaftaDetail" type="ns:NaftaCommodityDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>All data required for this commodity in NAFTA Certificate of Origin.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType CompletedCodDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:CollectionAmount ns1:AdjustmentType
annotation	<p>documentation</p> <p>Specifies the results of processing for the COD special service.</p>
source	<pre> &lt;xs:complexType name="CompletedCodDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the results of processing for the COD special service.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="CollectionAmount" type="ns:Money" minOccurs="0"/&gt;     &lt;xs:element name="AdjustmentType" type="ns:CodAdjustmentType" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```

</xs:sequence>
</xs:complexType>

```

#### complexType CompletedEtdDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:FolderId ns1:UploadDocumentReferenceDetails
source	<pre> &lt;xs:complexType name="CompletedEtdDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="FolderId" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The identifier for all clearance documents associated with this shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="UploadDocumentReferenceDetails" type="ns:UploadDocumentReferenceDetail" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType CompletedHazardousPackageDetail

diagram	
---------	--

	<pre> classDiagram     class CompletedHazardousPackageDetail {         Referenceld : xs:string         Accessibility : ns:DangerousGoodsAccessibilityType         CargoAircraftOnly : xs:boolean         Regulation : ns:HazardousCommodityRegulation         RadioactiveTransportIndex : xs:decimal         LabelType : ns:RadioactiveLabelType         Containers : ns:ValidatedHazardousContainer     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Referenceld ns1:Accessibility ns1:CargoAircraftOnly ns1:Regulation ns1:RadioactiveTransportIndex ns1:LabelType ns1:Containers
annotation	<p>documentation</p> <p>Completed package-level hazardous commodity information for a single package.</p>
source	<pre> &lt;xs:complexType name="CompletedHazardousPackageDetail"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Completed package-level hazardous commodity information for a single package.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="Referenceld" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;A unique reference id that matches the package to a package configuration. This is populated if the client provided a package configuration for several packages that have the exact same dangerous goods content.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Accessibility" type="ns:DangerousGoodsAccessibilityType" minOccurs="0"/&gt; </pre>

```

<xs:element name="CargoAircraftOnly" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>When true indicates that the package can be transported only on a cargo aircraft.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Regulation" type="ns:HazardousCommodityRegulationType" minOccurs="0"/>
<xs:element name="RadioactiveTransportIndex" type="xs:decimal" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the maximum radiation level from the package (measured in microSieverts per hour at a distance of one meter from the external surface of the package, divided by 10).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LabelType" type="ns:RadioactiveLabelType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the label that is to be put on a package containing radioactive material. The label type is determined in accordance with the Transportation of Dangerous Goods Act and indicates the type of radioactive material being handled as well as the relative risk.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Containers" type="ns:ValidatedHazardousContainer" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Documents the kinds and quantities of all hazardous commodities in the current package.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType CompletedHazardousShipmentDetail

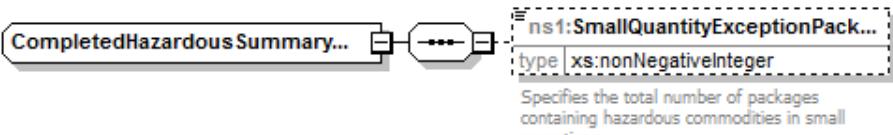
diagram	<p>The diagram illustrates the structure of the <code>CompletedHazardousShipmentDetail</code> complex type. It features a base class <code>CompletedHazardous Shipment...</code> with three associated objects: <code>ns1:HazardousSummaryDetail</code>, <code>ns1:DryIceDetail</code>, and <code>ns1:AdrLicense</code>. The <code>HazardousSummaryDetail</code> object is described as containing computed shipment level hazardous commodity information. The <code>DryIceDetail</code> object is described as containing dry ice detail information. The <code>AdrLicense</code> object is described as containing ADR license information, which identifies the license number and ADR category under which the customer is allowed to ship.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<code>ns1:HazardousSummaryDetail</code> <code>ns1:DryIceDetail</code> <code>ns1:AdrLicense</code>
annotation	<p>documentation</p> <p>Computed shipment level hazardous commodity information.</p>
source	<pre> &lt;xs:complexType name="CompletedHazardousShipmentDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Computed shipment level hazardous commodity information.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="HazardousSummaryDetail" type="ns:CompletedHazardousSummaryDetail" minOccurs="0"/&gt;     &lt;xs:element name="DryIceDetail" type="ns:ShipmentDryIceDetail" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```

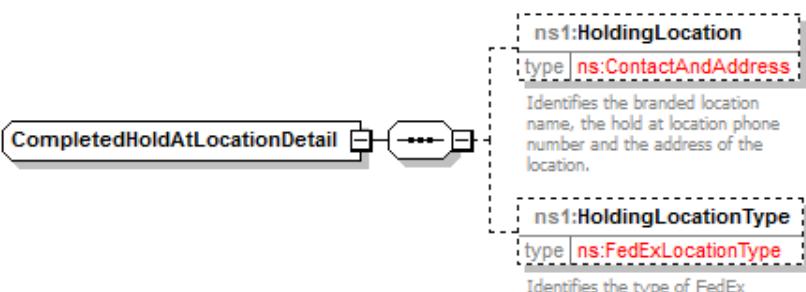
<xs:element name="AdrLicense" type="ns:AdrLicenseDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This contains the ADR License information, which identifies the license number and ADR category under which the customer is allowed to ship.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType CompletedHazardousSummaryDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:SmallQuantityExceptionPackageCount
source	<pre> &lt;xs:complexType name="CompletedHazardousSummaryDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SmallQuantityExceptionPackageCount" type="xs:nonNegativeInteger" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the total number of packages containing hazardous commodities in small exceptions.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType CompletedHoldAtLocationDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:HoldingLocation ns1:HoldingLocationType
source	<pre> &lt;xs:complexType name="CompletedHoldAtLocationDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="HoldingLocation" type="ns&gt;ContactAndAddress" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the branded location name, the hold at location phone number and the address of the location.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="HoldingLocationType" type="ns:FedExLocationType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the type of FedEx location.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

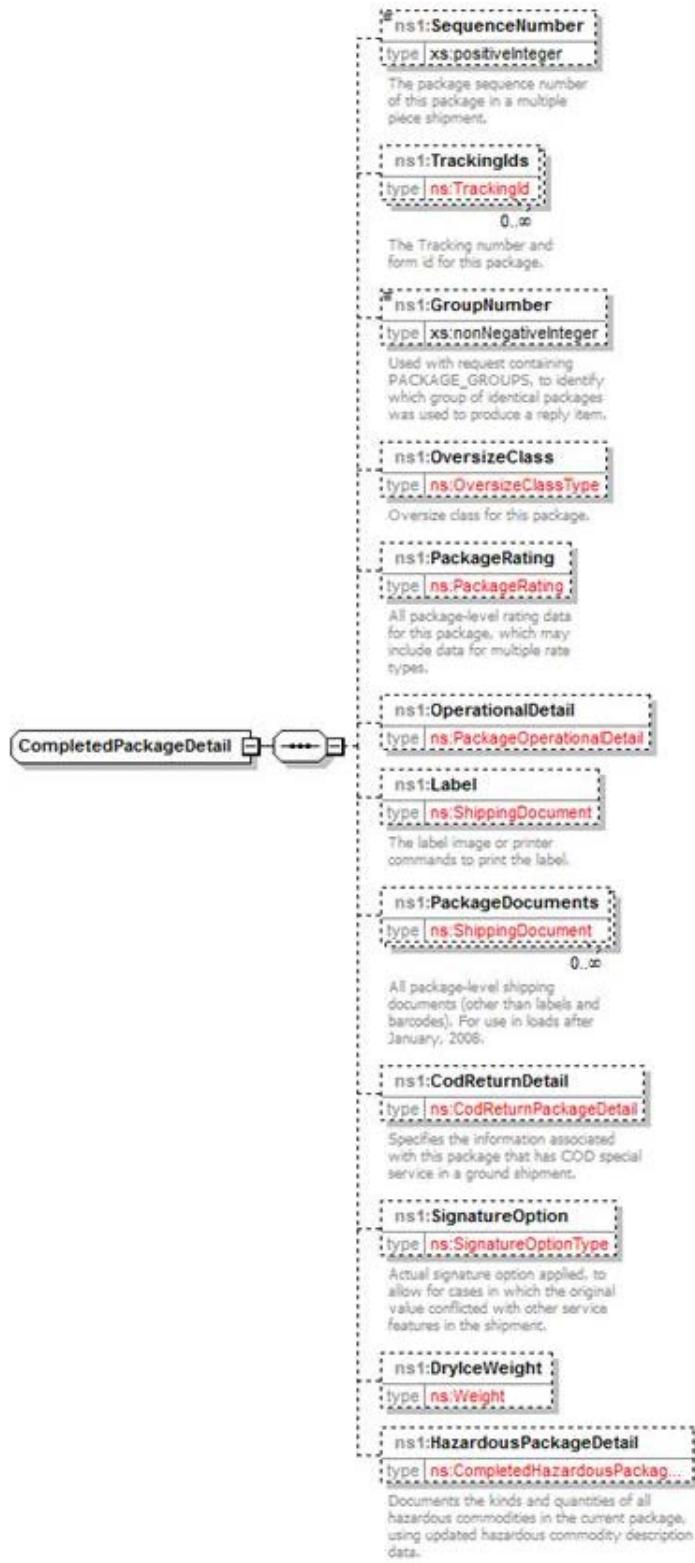
```

<xs:annotation>
  <xs:documentation>Identifies the type of FedEx location.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### complexType CompletedPackageDetail

diagram



namespace	http://fedex.com/ws/ship/v17
children	ns1:SequenceNumber ns1:TrackingIds ns1:GroupNumber ns1:OversizeClass ns1:PackageRating ns1:OperationalDetail ns1:Label ns1:PackageDocuments ns1:CodReturnDetail ns1:SignatureOption ns1:DryIceWeight ns1:HazardousPackageDetail
source	<pre> &lt;xs:complexType name="CompletedPackageDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SequenceNumber" type="xs:positiveInteger" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The package sequence number of this package in a multiple piece shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TrackingIds" type="ns:TrackingId" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The Tracking number and form id for this package.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="GroupNumber" type="xs:nonNegativeInteger" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Used with request containing PACKAGE_GROUPS, to identify which group of identical packages was used to produce a reply item.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="OversizeClass" type="ns:OversizeClassType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Oversize class for this package.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="PackageRating" type="ns:PackageRating" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;All package-level rating data for this package, which may include data for multiple rate types.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="OperationalDetail" type="ns:PackageOperationalDetail" minOccurs="0"/&gt;     &lt;xs:element name="Label" type="ns:ShippingDocument" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The label image or printer commands to print the label.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="PackageDocuments" type="ns:ShippingDocument" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;All package-level shipping documents (other than labels and barcodes). For use in loads after January, 2008.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CodReturnDetail" type="ns:CodReturnPackageDetail" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the information associated with this package that has COD special service in a ground shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="SignatureOption" type="ns:SignatureOptionType" minOccurs="0"&gt;       &lt;xs:annotation&gt; </pre>

```
<xs:documentation>Actual signature option applied, to allow for cases in which the original value conflicted with other service features in the shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="DryIceWeight" type="ns:Weight" minOccurs="0"/>
<xs:element name="HazardousPackageDetail" type="ns:CompletedHazardousPackageDetail" minOccurs="0">
<xs:annotation>
  <xs:documentation>Documents the kinds and quantities of all hazardous commodities in the current package, using updated hazardous commodity description data.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

complexType **CompletedShipmentDetail**

diagram

	<pre> classDiagram     class CompletedShipmentDetail {         &lt;&lt;ns1:CompletedShipmentDetail&gt;&gt;         &lt;&lt;ns1:ShipmentDetail&gt;&gt;         ns1:UsDomestic         ns1:CarrierCode         ns1:MasterTrackingId         ns1:ServiceTypeDescription         ns1:PackagingDescription         ns1:OperationalDetail         ns1:AccessDetail         ns1:TagDetail         ns1:SmartPostDetail         ns1:HazardousShipmentDetail         ns1:ShipmentRating         ns1:CompletedHoldAtLocationDetail         ns1:ExportComplianceStatement         ns1:CompletedEtdDetail         ns1:ShipmentDocuments         ns1:AssociatedShipments         ns1:CompletedCodDetail         ns1:CompletedPackageDetails     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:UsDomestic ns1:CarrierCode ns1:MasterTrackingId ns1:ServiceTypeDescription ns1:PackagingDescription ns1:OperationalDetail ns1:AccessDetail ns1:TagDetail ns1:SmartPostDetail ns1:HazardousShipmentDetail ns1:ShipmentRating ns1:CompletedHoldAtLocationDetail ns1:ExportComplianceStatement ns1:CompletedEtdDetail ns1:ShipmentDocuments ns1:AssociatedShipments ns1:CompletedCodDetail ns1:CompletedPackageDetails</b>
source	<pre> &lt;xs:complexType name="CompletedShipmentDetail"&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="UsDomestic" type="xs:boolean" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Indicates whether or not this is a US Domestic shipment.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="CarrierCode" type="ns:CarrierCodeType"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Indicates the carrier that will be used to deliver the shipment.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="MasterTrackingId" type="ns:TrackIdType"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;The master tracking number and handle id of this multiple piece shipment. This information is to be provided for each subsequent of a multiple piece shipment.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="ServiceTypeDescription" type="xs:string"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Description of the FedEx service used for this shipment. Currently not supported.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="PackagingDescription" type="xs:string"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Description of the packaging used for this shipment. Currently not supported.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="OperationalDetail" type="ns:ShipmentOperationalDetail"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;ns1:PendingShipmentAccessDetail&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="AccessDetail" type="ns:PendingShipmentAccessDetail"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Only used with pending shipments.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="TagDetail" type="ns:CompletedTagDetail"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Only used in the reply to tag requests.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="SmartPostDetail" type="ns:CompletedSmartPostDetail"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Provides reply information specific to SmartPost shipments.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="HazardousShipmentDetail" type="ns:CompletedHazardousShipmentDetail"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Computed shipment level information about hazardous commodities.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="ShipmentRating" type="ns:ShipmentRating"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;All shipment-level rating data for this shipment, which may include data for multiple rate types.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="CompletedHoldAtLocationDetail" type="ns:CompletedHoldAtLocationDetail"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Return the hold location details when HOLD_AT_LOCATION special service is requested and the client does not specify the hold location address.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="ExportComplianceStatement" type="xs:string"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Returns any defaults or updates applied to RequestedShipment.exportDetail.exportComplianceStatement.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="CompletedEtdDetail" type="ns:CompletedEtdDetail"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;ns1:ShipmentDocuments&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="ShipmentDocuments" type="ns:ShippingDocument" maxOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;All shipment-level shipping documents (other than labels and barcodes).&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="AssociatedShipments" type="ns:AssociatedShipmentDetail" maxOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;ns1:CompletedCodDetail&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="CompletedCodDetail" type="ns:CompletedCodDetail" maxOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;ns1:CompletedPackageDetails&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="CompletedPackageDetails" type="ns:CompletedPackageDetail" maxOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Package level details about this package.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```
</xs:annotation>
</xs:element>
<xs:element name="CarrierCode" type="ns:CarrierCodeType" minOccurs="0">
<xs:annotation>
<xs:documentation>Indicates the carrier that will be used to deliver this shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="MasterTrackingId" type="ns:TrackingId" minOccurs="0">
<xs:annotation>
<xs:documentation>The master tracking number and form id of this multiple piece shipment. This information is to be provided for each subsequent of a multiple piece shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ServiceTypeDescription" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Description of the FedEx service used for this shipment. Currently not supported.</xs:documentation>
<xs:appinfo>
<xs:MaxLength>70</xs:MaxLength>
</xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="PackagingDescription" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Description of the packaging used for this shipment. Currently not supported.</xs:documentation>
<xs:appinfo>
<xs:MaxLength>40</xs:MaxLength>
</xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="OperationalDetail" type="ns:ShipmentOperationalDetail" minOccurs="0"/>
<xs:element name="AccessDetail" type="ns:PendingShipmentAccessDetail" minOccurs="0">
<xs:annotation>
<xs:documentation>Only used with pending shipments.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TagDetail" type="ns:CompletedTagDetail" minOccurs="0">
<xs:annotation>
<xs:documentation>Only used in the reply to tag requests.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="SmartPostDetail" type="ns:CompletedSmartPostDetail" minOccurs="0">
<xs:annotation>
<xs:documentation>Provides reply information specific to SmartPost shipments.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="HazardousShipmentDetail" type="ns:CompletedHazardousShipmentDetail" minOccurs="0">
<xs:annotation>
<xs:documentation>Computed shipment level information about hazardous commodities.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ShipmentRating" type="ns:ShipmentRating" minOccurs="0">
```

```

<xs:annotation>
  <xs:documentation>All shipment-level rating data for this shipment, which may include data for multiple rate types.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CompletedHoldAtLocationDetail" type="ns:CompletedHoldAtLocationDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Returns the default holding location information when HOLD_AT_LOCATION special service is requested and the client does not specify the hold location address.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExportComplianceStatement" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Returns any defaults or updates applied to RequestedShipment.exportDetail.exportComplianceStatement.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CompletedEtdDetail" type="ns:CompletedEtdDetail" minOccurs="0"/>
<xs:element name="ShipmentDocuments" type="ns:ShippingDocument" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All shipment-level shipping documents (other than labels and barcodes).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AssociatedShipments" type="ns:AssociatedShipmentDetail" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="CompletedCodDetail" type="ns:CompletedCodDetail" minOccurs="0"/>
<xs:element name="CompletedPackageDetails" type="ns:CompletedPackageDetail" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Package level details about this package.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType CompletedSmartPostDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:PickUpCarrier ns1:Machinable
annotation	documentation Provides reply information specific to SmartPost shipments.
source	<pre> &lt;xs:complexType name="CompletedSmartPostDetail"&gt;   &lt;xs:annotation&gt; </pre>

```

<xs:documentation>Provides reply information specific to SmartPost shipments.</xs:documentation>
</xs:annotation>
<xs:sequence>
  <xs:element name="PickUpCarrier" type="ns:CarrierCodeType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Identifies the carrier that will pick up the SmartPost shipment.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Machinable" type="xs:boolean" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Indicates whether the shipment is deemed to be machineable, based on dimensions, weight, and packaging.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType CompletedTagDetail

diagram	<p><b>CompletedTagDetail</b></p> <p>Provides reply information specific to a tag request.</p> <p><b>ns1:ConfirmationNumber</b> type xs:string</p> <p><b>ns1:AccessTime</b> type xs:duration As of June 2007, returned only for FedEx Express services.</p> <p><b>ns1:CutoffTime</b> type xs:time As of June 2007, returned only for FedEx Express services.</p> <p><b>ns1:Location</b> type xs:string As of June 2007, returned only for FedEx Express services.</p> <p><b>ns1:DeliveryCommitment</b> type xs:dateTime As of June 2007, returned only for FedEx Express services.</p> <p><b>ns1:DispatchDate</b> type xs:date FEDEX INTERNAL USE ONLY: for use by INET.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:ConfirmationNumber ns1:AccessTime ns1:CutoffTime ns1:Location ns1:DeliveryCommitment ns1:DispatchDate</b>
annotation	<p>documentation</p> <p>Provides reply information specific to a tag request.</p>
source	<pre> &lt;xs:complexType name="CompletedTagDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Provides reply information specific to a tag request.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:complexType&gt; </pre>

```

<xs:sequence>
  <xs:element name="ConfirmationNumber" type="xs:string" minOccurs="1">
    <xs:annotation>
      <xs:documentation></xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="AccessTime" type="xs:duration" minOccurs="0">
    <xs:annotation>
      <xs:documentation>As of June 2007, returned only for FedEx Express services.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CutoffTime" type="xs:time" minOccurs="0">
    <xs:annotation>
      <xs:documentation>As of June 2007, returned only for FedEx Express services.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Location" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>As of June 2007, returned only for FedEx Express services.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DeliveryCommitment" type="xs:dateTime" minOccurs="0">
    <xs:annotation>
      <xs:documentation>As of June 2007, returned only for FedEx Express services.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DispatchDate" type="xs:date" minOccurs="0">
    <xs:annotation>
      <xs:documentation>FEDEX INTERNAL USE ONLY: for use by INET.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

complexType **ConfigurableLabelReferenceEntry**

diagram

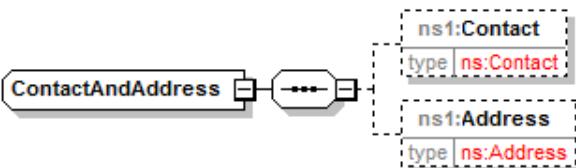
	<pre> classDiagram     class ConfigurableLabelReferenceEntry {         ns1:ZoneNumber type xs:positiveInteger         ns1:Header type xs:string         ns1:DataField type xs:string         ns1:LiteralValue type xs:string     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:ZoneNumber ns1:Header ns1:DataField ns1:LiteralValue
annotation	<p>documentation</p> <p>Defines additional data to print in the Configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.</p>
source	<pre> &lt;xs:complexType name="ConfigurableLabelReferenceEntry"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Defines additional data to print in the Configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="ZoneNumber" type="xs:positiveInteger" minOccurs="1"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;1 of 12 possible zones to position data.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Header" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;The identifying text for the data in this zone.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="DataField" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;A reference to a field in either the request or reply to print in this zone following the header.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="LiteralValue" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;A literal value to print after the header in this zone.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

complexType **Contact**

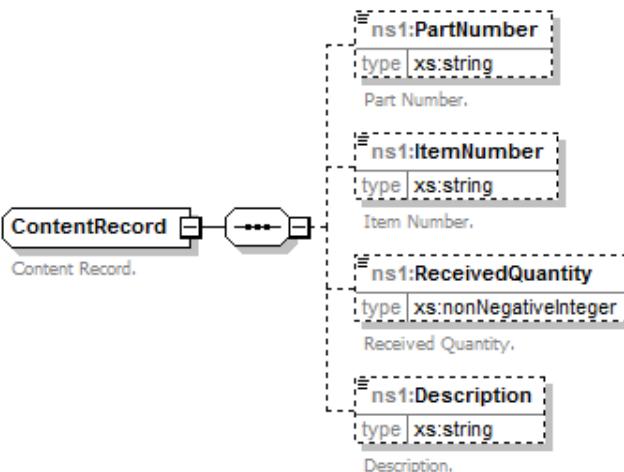
diagram	<p>The descriptive data for a point-of-contact person.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:ContactId</b> <b>ns1:PersonName</b> <b>ns1:Title</b> <b>ns1:CompanyName</b> <b>ns1:PhoneNumber</b> <b>ns1:PhoneExtension</b> <b>ns1:TollFreePhoneNumber</b> <b>ns1:PagerNumber</b> <b>ns1:FaxNumber</b> <b>ns1:EMailAddress</b>
annotation	<p>documentation</p> <p>The descriptive data for a point-of-contact person.</p>
source	<pre> &lt;xs:complexType name="Contact"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The descriptive data for a point-of-contact person.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ContactId" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;</pre>

```
<xs:documentation>Client provided identifier corresponding to this contact information.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="PersonName" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the contact person's name.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Title" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the contact person's title.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CompanyName" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the company this contact is associated with.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="PhoneNumber" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the phone number associated with this contact.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="PhoneExtension" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the phone extension associated with this contact.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TollFreePhoneNumber" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies a toll free number, if any, associated with this contact.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="PagerNumber" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the pager number associated with this contact.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="FaxNumber" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the fax number associated with this contact.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="EMailAddress" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the email address associated with this contact.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

complexType **ContactAndAddress**

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1>Contact ns1(Address)
source	<pre>&lt;xs:complexType name="ContactAndAddress"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Contact" type="ns&gt;Contact" minOccurs="0"/&gt;     &lt;xs:element name="Address" type="ns:Address" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType **ContentRecord**

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:PartNumber ns1:ItemNumber ns1:ReceivedQuantity ns1:Description
annotation	documentation Content Record.
source	<pre>&lt;xs:complexType name="ContentRecord"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Content Record.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="PartNumber" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Part Number.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ItemNumber" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Item Number.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ReceivedQuantity" type="xs:nonNegativeInteger" minOccurs="0"&gt;</pre>

```

<xs:annotation>
  <xs:documentation>Received Quantity.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Description" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Description.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType **CurrencyExchangeRate**

diagram	<p>The diagram shows the <b>CurrencyExchangeRate</b> complex type as a central class with three outgoing associations. The first association points to <b>ns1:FromCurrency</b>, which is described as 'The currency code for the original (converted FROM) currency.' The second association points to <b>ns1:IntoCurrency</b>, which is described as 'The currency code for the final (converted INTO) currency.' The third association points to <b>ns1:Rate</b>, which is described as 'Multiplier used to convert fromCurrency units to intoCurrency units.'</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:FromCurrency ns1:IntoCurrency ns1:Rate</b>
annotation	documentation Currency exchange rate information.
source	<pre> &lt;xs:complexType name="CurrencyExchangeRate"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Currency exchange rate information.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="FromCurrency" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The currency code for the original (converted FROM) currency.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="IntoCurrency" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The currency code for the final (converted INTO) currency.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Rate" type="xs:decimal" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Multiplier used to convert fromCurrency units to intoCurrency units.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

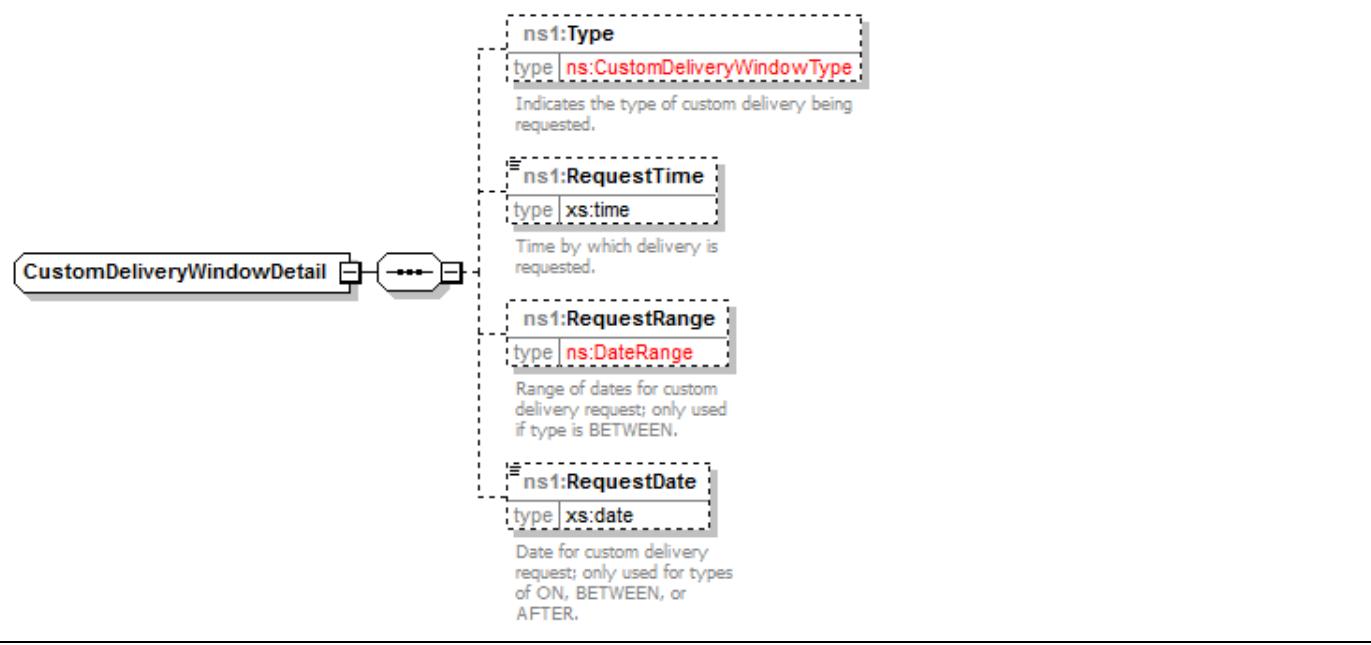
```

</xs:sequence>
</xs:complexType>

```

### complexType CustomDeliveryWindowDetail

diagram



namespace <http://fedex.com/ws/ship/v17>

children `ns1:Type ns1:RequestTime ns1:RequestRange ns1:RequestDate`

source

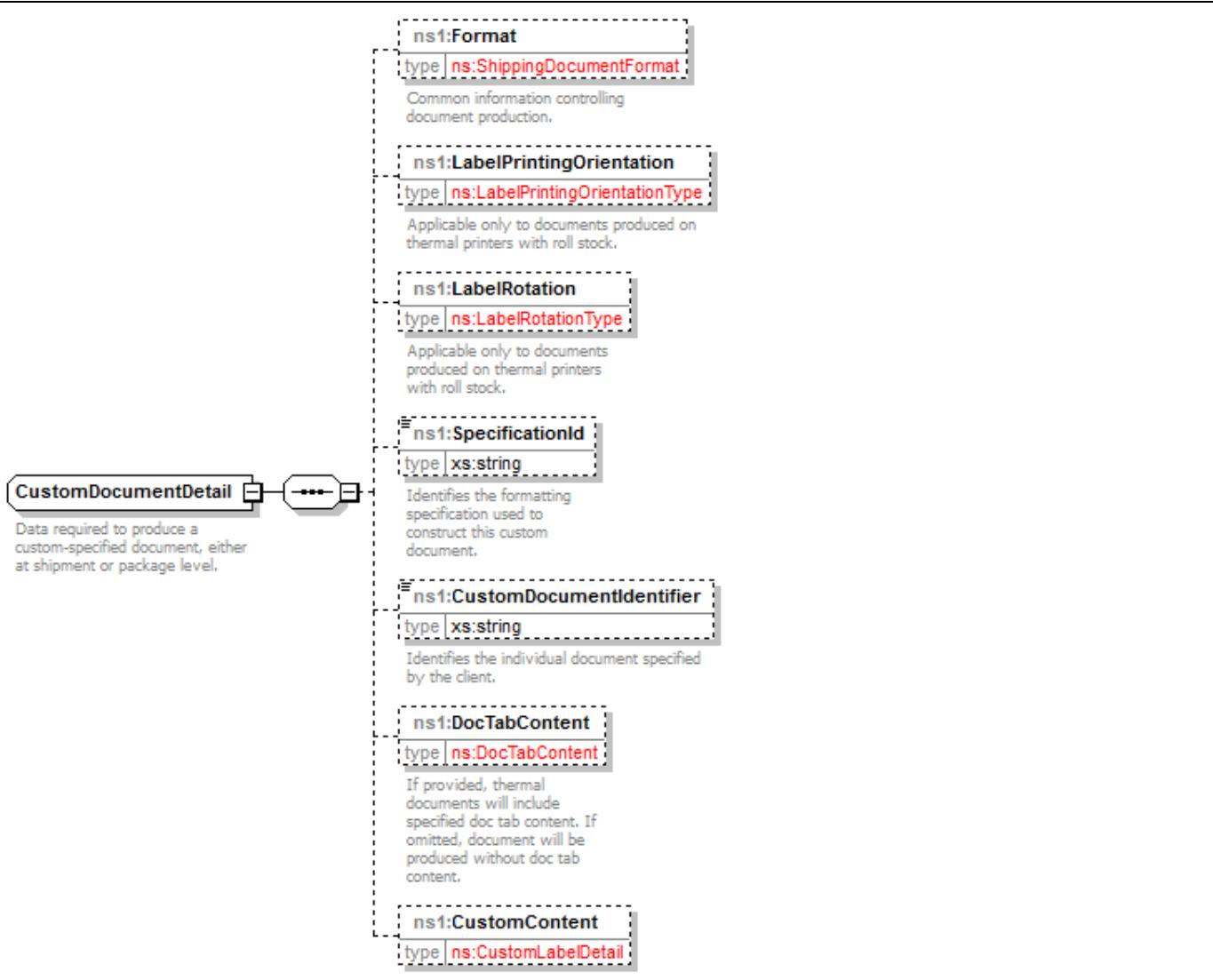
```

<xs:complexType name="CustomDeliveryWindowDetail">
  <xs:sequence>
    <xs:element name="Type" type="ns:CustomDeliveryWindowType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Indicates the type of custom delivery being requested.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RequestTime" type="xs:time" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Time by which delivery is requested.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RequestRange" type="ns:DateRange" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Range of dates for custom delivery request; only used if type is BETWEEN.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RequestDate" type="xs:date" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Date for custom delivery request; only used for types of ON, BETWEEN, or AFTER.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

complexType **CustomDocumentDetail**

diagram



namespace <http://fedex.com/ws/ship/v17>

children **ns1:Format ns1:LabelPrintingOrientation ns1:LabelRotation ns1:SpecificationId ns1:CustomDocumentIdentifier ns1:DocTabContent ns1:CustomContent**

annotation documentation  
Data required to produce a custom-specified document, either at shipment or package level.

```

<xss:complexType name="CustomDocumentDetail">
  <xss:annotation>
    <xss:documentation>Data required to produce a custom-specified document, either at shipment or package level.</xss:documentation>
  </xss:annotation>
  <xss:sequence>
    <xss:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0">
      <xss:annotation>
        <xss:documentation>Common information controlling document production.</xss:documentation>
      </xss:annotation>
    </xss:element>
    <xss:element name="LabelPrintingOrientation" type="ns:LabelPrintingOrientationType" minOccurs="0">
      <xss:annotation>
        <xss:documentation>Applicable only to documents produced on thermal printers with roll stock.</xss:documentation>
      </xss:annotation>
    </xss:element>
  </xss:sequence>
</xss:complexType>

```

```

<xs:element name="LabelRotation" type="ns:LabelRotationType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Applicable only to documents produced on thermal printers with roll stock.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpecificationId" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the formatting specification used to construct this custom document.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomDocumentIdentifier" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the individual document specified by the client.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DocTabContent" type="ns:DocTabContent" minOccurs="0">
  <xs:annotation>
    <xs:documentation>If provided, thermal documents will include specified doc tab content. If omitted, document will be produced without doc tab content.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomContent" type="ns:CustomLabelDetail" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

#### complexType CustomerImageUsage

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1>Type ns1>Id
source	<pre> &lt;xs:complexType name="CustomerImageUsage"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:CustomerImageUsageType" minOccurs="0"/&gt;     &lt;xs:element name="Id" type="ns:ImageId" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType CustomerReference

diagram	
namespace	http://fedex.com/ws/ship/v17

children	<b>ns1:CustomerReferenceType ns1:Value</b>
annotation	<p>documentation Reference information to be associated with this package.</p>
source	<pre>&lt;xs:complexType name="CustomerReference"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Reference information to be associated with this package.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt;   &lt;xs:element name="CustomerReferenceType" type="ns:CustomerReferenceType" minOccurs="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;The reference type to be associated with this reference data.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;   &lt;xs:element name="Value" type="xs:string" minOccurs="1"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType **CustomerSpecifiedLabelDetail**

diagram	
---------	--

	<pre> classDiagram     class CustomerSpecifiedLabelDetail {         &lt;&lt;Allows customer-specified control of label content.&gt;&gt;     }     class ns1::DocTabContent {         type ns1::DocTabContent         &lt;&lt;If omitted, no doc tab will be produced (i.e. default is former NONE type).&gt;&gt;     }     class ns1::CustomContentPosition {         type ns1::RelativeVerticalPositionType         &lt;&lt;Controls the position of the customer specified content relative to the FedEx portion.&gt;&gt;     }     class ns1::CustomContent {         type ns1::CustomLabelDetail         &lt;&lt;Defines any custom content to print on the label.&gt;&gt;     }     class ns1::ConfigurableReferenceEntries {         type ns1::ConfigurableLabelReference...         &lt;&lt;Defines additional data to print in the Configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.&gt;&gt;     }     class ns1::MaskedData {         type ns1::LabelMaskableDataType         &lt;&lt;Controls which data/sections will be suppressed.&gt;&gt;     }     class ns1::SecondaryBarcode {         type ns1::SecondaryBarcodeType         &lt;&lt;For customers producing their own Ground labels, this field specifies which secondary barcode will be printed on the label so that the primary barcode produced by FedEx has the correct SCNC.&gt;&gt;     }     class ns1::TermsAndConditionsLocalization     class ns1::RegulatoryLabels     class ns1::AdditionalLabels     class ns1::AirWaybillSuppressionCount      CustomerSpecifiedLabelDetail --&gt; ns1::DocTabContent     CustomerSpecifiedLabelDetail --&gt; ns1::CustomContentPosition     CustomerSpecifiedLabelDetail --&gt; ns1::ConfigurableReferenceEntries     CustomerSpecifiedLabelDetail --&gt; ns1::MaskedData     CustomerSpecifiedLabelDetail --&gt; ns1::SecondaryBarcode     CustomerSpecifiedLabelDetail --&gt; ns1::TermsAndConditionsLocalization     CustomerSpecifiedLabelDetail --&gt; ns1::RegulatoryLabels     CustomerSpecifiedLabelDetail --&gt; ns1::AdditionalLabels     CustomerSpecifiedLabelDetail --&gt; ns1::AirWaybillSuppressionCount </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:DocTabContent ns1:CustomContentPosition ns1:CustomContent ns1:ConfigurableReferenceEntries ns1:MaskedData ns1:SecondaryBarcode ns1:TermsAndConditionsLocalization ns1:RegulatoryLabels ns1:AdditionalLabels ns1:AirWaybillSuppressionCount
annotation	<p>documentation</p> <p>Allows customer-specified control of label content.</p>
source	<pre> &lt;xsd:complexType name="CustomerSpecifiedLabelDetail"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Allows customer-specified control of label content.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;   </pre>

```

<xs:element name="DocTabContent" type="ns:DocTabContent" minOccurs="0">
  <xs:annotation>
    <xs:documentation>If omitted, no doc tab will be produced (i.e. default is former NONE type).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomContentPosition" type="ns:RelativeVerticalPositionType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Controls the position of the customer specified content relative to the FedEx portion.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomContent" type="ns:CustomLabelDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Defines any custom content to print on the label.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ConfigurableReferenceEntries" type="ns:ConfigurableLabelReferenceEntry" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Defines additional data to print in the Configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MaskedData" type="ns:LabelMaskableDataType" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Controls which data/sections will be suppressed.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SecondaryBarcode" type="ns:SecondaryBarcodeType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>For customers producing their own Ground labels, this field specifies which secondary barcode will be printed on the label; so that the primary barcode produced by FedEx has the correct SCNC.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TermsAndConditionsLocalization" type="ns:Localization" minOccurs="0"/>
<xs:element name="RegulatoryLabels" type="ns:RegulatoryLabelContentDetail" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="AdditionalLabels" type="ns:AdditionalLabelsDetail" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Controls the number of additional copies of supplemental labels.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AirWaybillSuppressionCount" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This value reduces the default quantity of destination/consignee air waybill labels. A value of zero indicates no change to default. A minimum of one copy will always be produced.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType **CustomLabelBarcodeEntry**

diagram

	<pre> classDiagram     class CustomLabelBarcodeEntry {         &lt;&lt;Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.&gt;&gt;     }     class ns1:Position {         type ns:CustomLabelPosition     }     class ns1:Format {         type xs:string     }     class ns1:DataFields {         type xs:string     }     class ns1:BarHeight {         type xs:int     }     class ns1:ThinBarWidth {         type xs:int     }     class ns1:BarcodeSymbology {         type ns:BarcodeSymbologyType     }      CustomLabelBarcodeEntry *-- ns1:Position     CustomLabelBarcodeEntry *-- ns1:Format     CustomLabelBarcodeEntry *-- ns1:DataFields     CustomLabelBarcodeEntry *-- ns1:BarHeight     CustomLabelBarcodeEntry *-- ns1:ThinBarWidth     CustomLabelBarcodeEntry *-- ns1:BarcodeSymbology   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Position ns1:Format ns1:DataFields ns1:BarHeight ns1:ThinBarWidth ns1:BarcodeSymbology
annotation	<p>documentation</p> <p>Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.</p>
source	<pre> &lt;xs:complexType name="CustomLabelBarcodeEntry"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="1"/&gt;     &lt;xs:element name="Format" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="DataFields" type="xs:string" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;xs:element name="BarHeight" type="xs:int" minOccurs="0"/&gt;     &lt;xs:element name="ThinBarWidth" type="xs:int" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Width of thinnest bar/space element in the barcode.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="BarcodeSymbology" type="ns:BarcodeSymbologyType" minOccurs="1"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

#### complexType CustomLabelBoxEntry

diagram	<pre> classDiagram     class CustomLabelBoxEntry {         &lt;&lt;Solid (filled) rectangular area on label.&gt;&gt;     }     class ns1:TopLeftCorner {         type ns:CustomLabelPosition     }     class ns1:BottomRightCorner {         type ns:CustomLabelPosition     }      CustomLabelBoxEntry *-- ns1:TopLeftCorner     CustomLabelBoxEntry *-- ns1:BottomRightCorner   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:TopLeftCorner ns1:BottomRightCorner
annotation	<p>documentation</p> <p>Solid (filled) rectangular area on label.</p>

source

```
<xs:complexType name="CustomLabelBoxEntry">
<xs:annotation>
<xs:documentation>Solid (filled) rectangular area on label.</xs:documentation>
</xs:annotation>
<xs:sequence>
<xs:element name="TopLeftCorner" type="ns:CustomLabelPosition" minOccurs="1"/>
<xs:element name="BottomRightCorner" type="ns:CustomLabelPosition" minOccurs="1"/>
</xs:sequence>
</xs:complexType>
```

#### complexType CustomLabelDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:CoordinateEntries ns1:TextEntries ns1:GraphicEntries ns1:BoxEntries ns1:TextBoxEntries ns1:BarcodeEntries
source	<pre>&lt;xs:complexType name="CustomLabelDetail"&gt; &lt;xs:sequence&gt; &lt;xs:element name="CoordinateEntries" type="ns:CustomLabelCoordinateEntries" minOccurs="0"/&gt; &lt;xs:element name="TextEntries" type="ns:CustomLabelTextEntry" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;xs:element name="GraphicEntries" type="ns:CustomLabelGraphicEntry" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;xs:element name="BoxEntries" type="ns:CustomLabelBoxEntry" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;xs:element name="TextBoxEntries" type="ns:CustomLabelTextBoxEntry" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;xs:element name="BarcodeEntries" type="ns:CustomLabelBarcodeEntry" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType CustomLabelGraphicEntry

diagram	
---------	--

	<pre> graph LR     A[CustomLabelGraphicEntry] --- B[ns1:Position type ns:CustomLabelPosition]     A --- C[ns1:PrinterGraphicId type xs:string]     A --- D[ns1:FileGraphicFullName type xs:string]   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Position ns1:PrinterGraphicId ns1:FileGraphicFullName
annotation	<p>documentation</p> <p>Image to be included from printer's memory, or from a local file for offline clients.</p>
source	<pre> &lt;xs:complexType name="CustomLabelGraphicEntry"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Image to be included from printer's memory, or from a local file for offline clients.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="0"/&gt;     &lt;xs:element name="PrinterGraphicId" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Printer-specific index of graphic image to be printed.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="FileGraphicFullName" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Fully-qualified path and file name for graphic image to be printed.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

#### complexType CustomLabelPosition

diagram	<pre> graph LR     A[CustomLabelPosition] --- B[ns1:X type xs:nonNegativeInteger]     A --- C[ns1:Y type xs:int]   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:X ns1:Y
source	<pre> &lt;xs:complexType name="CustomLabelPosition"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="X" type="xs:nonNegativeInteger" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Horizontal position, relative to left edge of custom area.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Y" type="xs:int" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Vertical position, relative to top edge of custom area.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

```

</xs:element>
<xs:element name="Y" type="xs:int" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Vertical position, relative to top edge of custom area.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### complexType CustomLabelTextBoxEntry

diagram	<p>Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:TopLeftCorner ns1:BottomRightCorner ns1:Position ns1:Format ns1:DataFields ns1:ThermalFontId ns1:FontName ns1:FontSize ns1:Rotation
annotation	<p>documentation</p> <p>Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).</p>
source	<pre> &lt;xs:complexType name="CustomLabelTextBoxEntry"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="TopLeftCorner" type="ns:CustomLabelPosition" minOccurs="0"/&gt;     &lt;xs:element name="BottomRightCorner" type="ns:CustomLabelPosition" minOccurs="0"/&gt;     &lt;xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="0"/&gt;     &lt;xs:element name="Format" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="DataFields" type="xs:string" minOccurs="0" maxOccurs="∞"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;0..∞&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ThermalFontId" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="FontName" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="FontSize" type="xs:positiveInteger" minOccurs="0"/&gt;     &lt;xs:element name="Rotation" type="ns:RotationType" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

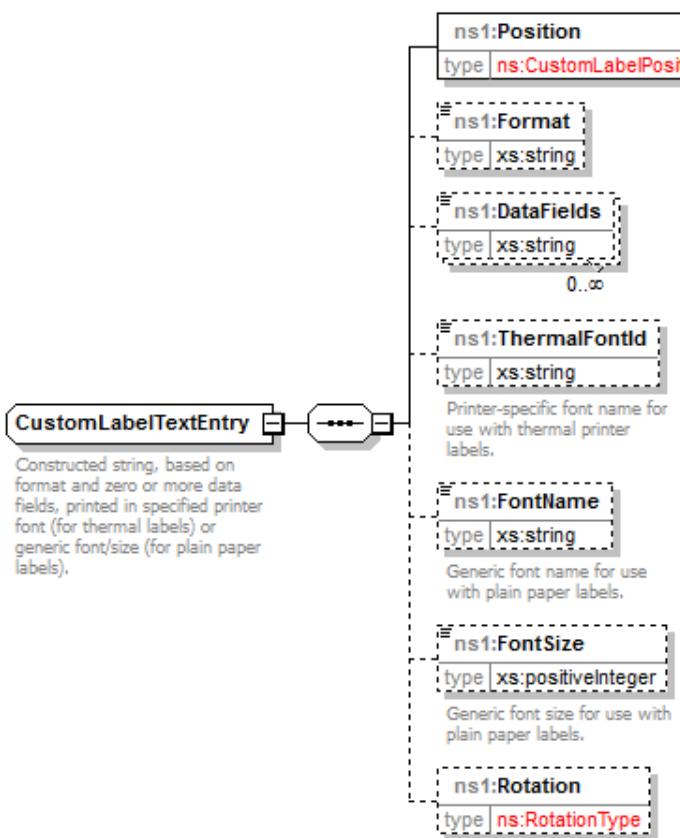
```

<xs:element name="BottomRightCorner" type="ns:CustomLabelPosition" minOccurs="0"/>
<xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="0"/>
<xs:element name="Format" type="xs:string" minOccurs="0"/>
<xs:element name="DataFields" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="ThermalFontId" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Printer-specific font name for use with thermal printer labels.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FontName" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Generic font name for use with plain paper labels.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FontSize" type="xs:positiveInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Generic font size for use with plain paper labels.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Rotation" type="ns:RotationType" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

#### complexType CustomLabelTextEntry

diagram



namespace <http://fedex.com/ws/ship/v17>

children `ns1:Position ns1:Format ns1>DataFields ns1:ThermalFontId ns1:FontName ns1:FontSize ns1:Rotation`

annotation documentation  
Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain

paper labels).

source

```
<xs:complexType name="CustomLabelTextEntry">
  <xs:annotation>
    <xs:documentation>Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="1"/>
    <xs:element name="Format" type="xs:string" minOccurs="0"/>
    <xs:element name="DataFields" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="ThermalFontId" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Printer-specific font name for use with thermal printer labels.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FontName" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Generic font name for use with plain paper labels.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FontSize" type="xs:positiveInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Generic font size for use with plain paper labels.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Rotation" type="ns:RotationType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

#### complexType CustomsClearanceDetail

diagram

	<pre> classDiagram     class CustomsClearanceDetail {         Brokers         ClearanceBrokerage         CustomsOptions         ImporterOfRecord         RecipientCustomsId         DutiesPayment         DocumentContent         CustomsValue         FreightOnValue         InsuranceCharges         PartiesToTransactionAreRelated         CommercialInvoice         Commodities         ExportDetail         RegulatoryControls         DeclarationStatementDetail     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Brokers ns1:ClearanceBrokerage ns1:CustomsOptions ns1:ImporterOfRecord ns1:RecipientCustomsId ns1:DutiesPayment ns1:DocumentContent ns1:CustomsValue ns1:FreightOnValue ns1:InsuranceCharges ns1:PartiesToTransactionAreRelated ns1:CommercialInvoice ns1:Commodities ns1:ExportDetail ns1:RegulatoryControls ns1:DeclarationStatementDetail
source	<pre> &lt;xs:complexType name="CustomsClearanceDetail"&gt;   &lt;xss:sequence&gt;     &lt;xs:element name="Brokers" type="ns:BrokerDetail" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;xs:element name="ClearanceBrokerage" type="ns:ClearanceBrokerageType" minOccurs="0"&gt;       &lt;xs:annotation&gt; </pre>

```

<xs:documentation>Interacts both with properties of the shipment and contractual relationship with the shipper.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CustomsOptions" type="ns:CustomsOptionDetail" minOccurs="0"/>
<xs:element name="ImporterOfRecord" type="ns:Party" minOccurs="0"/>
<xs:element name="RecipientCustomsId" type="ns:RecipientCustomsId" minOccurs="0">
<xs:annotation>
<xs:documentation>Specifies how the recipient is identified for customs purposes; the requirements on this information vary with destination country.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="DutiesPayment" type="ns:Payment" minOccurs="0"/>
<xs:element name="DocumentContent" type="ns:InternationalDocumentContentType" minOccurs="0"/>
<xs:element name="CustomsValue" type="ns:Money" minOccurs="0"/>
<xs:element name="FreightOnValue" type="ns:FreightOnValueType" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies responsibilities with respect to loss, damage, etc.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="InsuranceCharges" type="ns:Money" minOccurs="0">
<xs:annotation>
<xs:documentation>Documents amount paid to third party for coverage of shipment content.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="PartiesToTransactionAreRelated" type="xs:boolean" minOccurs="0"/>
<xs:element name="CommercialInvoice" type="ns:CommercialInvoice" minOccurs="0"/>
<xs:element name="Commodities" type="ns:Commodity" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="ExportDetail" type="ns:ExportDetail" minOccurs="0"/>
<xs:element name="RegulatoryControls" type="ns:RegulatoryControlType" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="DeclarationStatementDetail" type="ns:CustomsDeclarationStatementDetail" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

#### complexType CustomsDeclarationStatementDetail

diagram	<p>This provides the information necessary to identify the different statements, declarations, acts, and/or certifications that apply to this shipment.</p> <p>0..∞</p> <p>This indicates the different statements, declarations, acts, and/or certifications that apply to this shipment.</p> <p>0..∞</p> <p>Specifies the NAFTA low value statement information.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:Types ns1:NaftaLowValueStatementDetail
annotation	<p>documentation</p> <p>This provides the information necessary to identify the different statements, declarations, acts, and/or certifications that apply to this shipment.</p>
source	<pre> &lt;xs:complexType name="CustomsDeclarationStatementDetail"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;This provides the information necessary to identify the different statements, declarations, acts, and/or </pre>

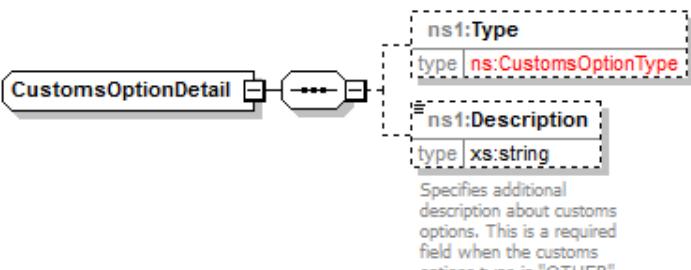
certifications that apply to this shipment.</xs:documentation>

```

</xs:annotation>
<xs:sequence>
  <xs:element name="Types" type="ns:CustomsDeclarationStatementType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>This indicates the different statements, declarations, acts, and/or certifications that apply to this shipment.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="NaftaLowValueStatementDetail" type="ns:NaftaLowValueStatementDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Specifies the NAFTA low value statement information.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType CustomsOptionDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1>Type ns1>Description
source	<pre> &lt;xs:complexType name="CustomsOptionDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:CustomsOptionType" minOccurs="0"/&gt;     &lt;xs:element name="Description" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies additional description about customs options. This is a required field when the customs options type is "OTHER".&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType DangerousGoodsContainer

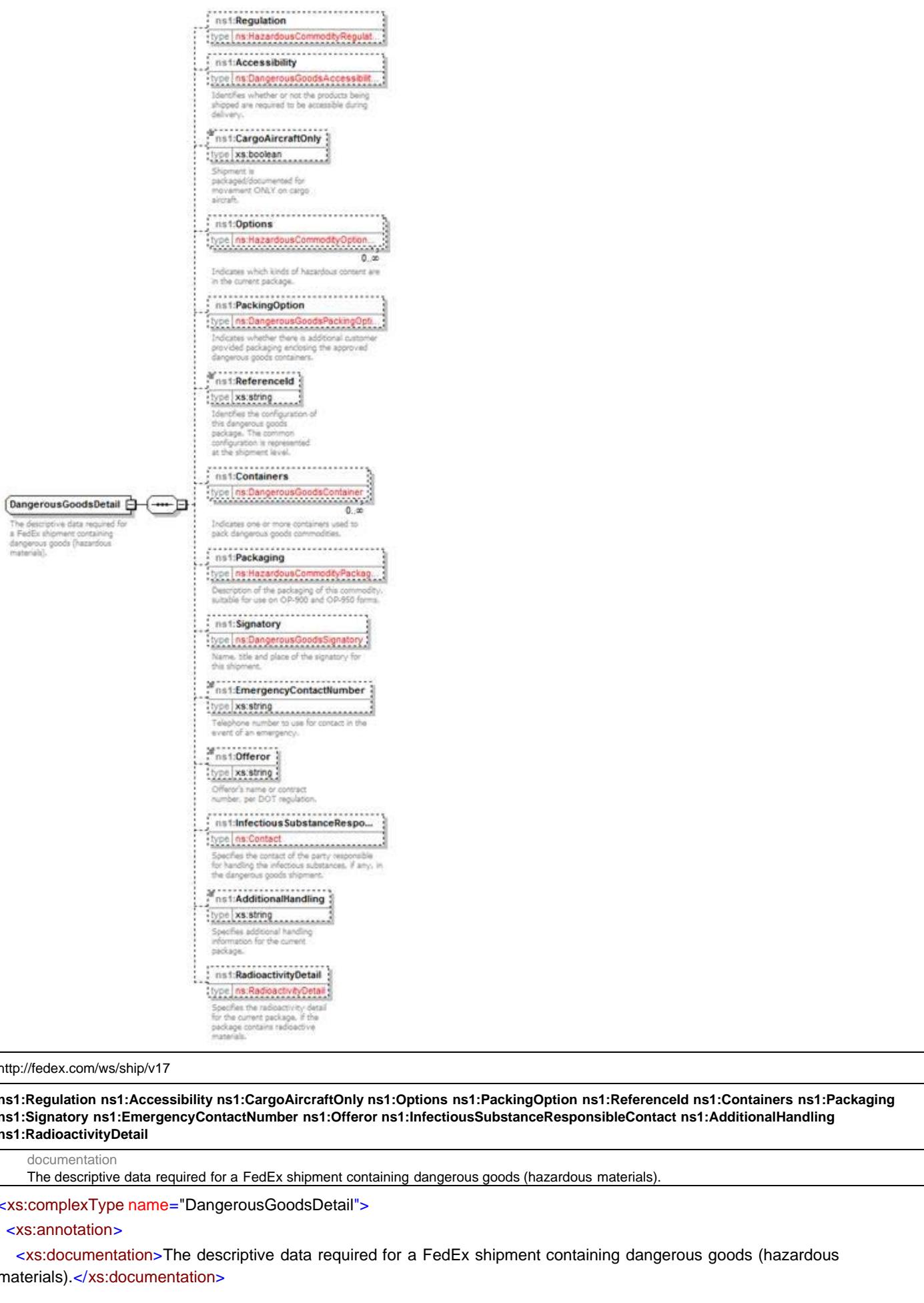
diagram	
---------	--

	<pre> classDiagram     class DangerousGoodsContainer     class ns1:PackingType     class ns1:ContainerType     class ns1:RadioactiveContainerClass     class ns1:NumberOfContainers     class ns1:HazardousCommodities      DangerousGoodsContainer &lt; -- ns1:PackingType     DangerousGoodsContainer &lt; -- ns1:ContainerType     DangerousGoodsContainer &lt; -- ns1:RadioactiveContainerClass     DangerousGoodsContainer &lt; -- ns1:NumberOfContainers     DangerousGoodsContainer &lt; -- ns1:HazardousCommodities   </pre>
description	<p><b>DangerousGoodsContainer</b></p> <p>Describes an approved container used to package dangerous goods commodities. This does not describe any individual inner receptacles that may be within this container.</p>
ns1:PackingType	<p><b>ns1:PackingType</b></p> <p>type <a href="#">ns:HazardousContainerPackingType</a></p> <p>Indicates whether there are additional inner receptacles within this container.</p>
ns1:ContainerType	<p><b>ns1:ContainerType</b></p> <p>type <a href="#">xs:string</a></p> <p>Indicates the type of this dangerous goods container, as specified by the IATA packing instructions. For example, steel cylinder, fiberboard box, plastic jerrican and steel drum.</p>
ns1:RadioactiveContainerClass	<p><b>ns1:RadioactiveContainerClass</b></p> <p>type <a href="#">ns:RadioactiveContainerClassType</a></p> <p>Indicates the packaging type of the container used to package the radioactive materials.</p>
ns1:NumberOfContainers	<p><b>ns1:NumberOfContainers</b></p> <p>type <a href="#">xs:nonNegativeInteger</a></p> <p>Indicates the number of occurrences of this container with identical dangerous goods configuration.</p>
ns1:HazardousCommodities	<p><b>ns1:HazardousCommodities</b></p> <p>type <a href="#">ns:HazardousCommodityContent</a></p> <p>0..∞</p> <p>Documents the kinds and quantities of all hazardous commodities in the current container.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:PackingType ns1:ContainerType ns1:RadioactiveContainerClass ns1:NumberOfContainers ns1:HazardousCommodities</b>
annotation	<p>documentation</p> <p>Describes an approved container used to package dangerous goods commodities. This does not describe any individual inner receptacles that may be within this container.</p>
source	<pre> &lt;xs:complexType name="DangerousGoodsContainer"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes an approved container used to package dangerous goods commodities. This does not describe any individual inner receptacles that may be within this container.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="PackingType" type="ns:HazardousContainerPackingType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indicates whether there are additional inner receptacles within this container.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ContainerType" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indicates the type of this dangerous goods container, as specified by the IATA packing instructions. For example, steel cylinder, fiberboard box, plastic jerrican and steel drum.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="RadioactiveContainerClass" type="ns:RadioactiveContainerClassType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indicates the packaging type of the container used to package the radioactive materials.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

```
<xs:element name="NumberOfContainers" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates the number of occurrences of this container with identical dangerous goods configuration.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HazardousCommodities" type="ns:HazardousCommodityContent" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Documents the kinds and quantities of all hazardous commodities in the current
container.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

complexType **DangerousGoodsDetail**

diagram



```

</xs:annotation>
<xs:sequence>
  <xs:element name="Regulation" type="ns:HazardousCommodityRegulationType" minOccurs="0"/>
  <xs:element name="Accessibility" type="ns:DangerousGoodsAccessibilityType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Identifies whether or not the products being shipped are required to be accessible during delivery.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CargoAircraftOnly" type="xs:boolean" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Shipment is packaged/documentated for movement ONLY on cargo aircraft.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Options" type="ns:HazardousCommodityOptionType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Indicates which kinds of hazardous content are in the current package.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PackingOption" type="ns:DangerousGoodsPackingOptionType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Indicates whether there is additional customer provided packaging enclosing the approved dangerous goods containers.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Referenceld" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Identifies the configuration of this dangerous goods package. The common configuration is represented at the shipment level.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Containers" type="ns:DangerousGoodsContainer" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Indicates one or more containers used to pack dangerous goods commodities.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Packaging" type="ns:HazardousCommodityPackagingDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Description of the packaging of this commodity, suitable for use on OP-900 and OP-950 forms.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Signatory" type="ns:DangerousGoodsSignatory" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Name, title and place of the signatory for this shipment.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="EmergencyContactNumber" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Telephone number to use for contact in the event of an emergency.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Offeror" type="xs:string" minOccurs="0">

```

```

<xs:annotation>
  <xs:documentation>Offeror's name or contract number, per DOT regulation.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="InfectiousSubstanceResponsibleContact" type="ns>Contact" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the contact of the party responsible for handling the infectious substances, if any, in the dangerous goods shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AdditionalHandling" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies additional handling information for the current package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RadioactivityDetail" type="ns:RadioactivityDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the radioactivity detail for the current package, if the package contains radioactive materials.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType DangerousGoodsShippersDeclarationDetail

diagram	
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:Format ns1:CustomerImageUsages
annotation	<p>documentation</p> <p>The instructions indicating how to print the 1421c form for dangerous goods shipment.</p>
source	<pre> &lt;xs:complexType name="DangerousGoodsShippersDeclarationDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The instructions indicating how to print the 1421c form for dangerous goods shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies characteristics of a shipping document to be produced.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt; </pre>

```

<xs:documentation>Specifies the usage and identification of customer supplied images to be used on this
document.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType DangerousGoodsSignatory

diagram	<p>Dangerous Goods Signatory</p> <p>Specifies that name, title and place of the signatory responsible for the dangerous goods shipment.</p> <p>ns1&gt;ContactName type xs:string</p> <p>ns1&gt;Title type xs:string</p> <p>ns1Place type xs:string</p> <p>Indicates the place where the form is signed.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1>ContactName ns1>Title ns1:Place
annotation	<p>documentation</p> <p>Specifies that name, title and place of the signatory responsible for the dangerous goods shipment.</p>
source	<pre> &lt;xs:complexType name="DangerousGoodsSignatory"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies that name, title and place of the signatory responsible for the dangerous goods shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ContactName" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="Title" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="Place" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indicates the place where the form is signed.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType DateRange

diagram	<p>DateRange</p> <p>ns1&gt;Begins type xs:date</p> <p>The beginning date in a date range.</p> <p>ns1&gt;Ends type xs:date</p> <p>The end date in a date range.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1>Begins ns1>Ends
source	<pre> &lt;xs:complexType name="DateRange"&gt; </pre>

```

<xs:sequence>
  <xs:element name="Begins" type="xs:date" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The beginning date in a date range.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Ends" type="xs:date" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The end date in a date range.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType DeleteShipmentRequest

diagram	<pre> classDiagram     class DeleteShipmentRequest {         ns1:WebAuthenticationDetail         ns1:ClientDetail         ns1:TransactionDetail         ns1:Version         ns1:ShipTimestamp         ns1:TrackingId         ns1:DeletionControl     }     DeleteShipmentRequest "1..1" --&gt; ns1:WebAuthenticationDetail :      DeleteShipmentRequest "1..1" --&gt; ns1:ClientDetail :      DeleteShipmentRequest "1..1" --&gt; ns1:TransactionDetail :      DeleteShipmentRequest "1..1" --&gt; ns1:Version :      DeleteShipmentRequest "1..1" --&gt; ns1:ShipTimestamp :      DeleteShipmentRequest "1..1" --&gt; ns1:TrackingId :      DeleteShipmentRequest "1..1" --&gt; ns1:DeletionControl :   </pre> <p>The diagram illustrates the structure of the <b>DeleteShipmentRequest</b> complex type. It consists of a main element <b>DeleteShipmentRequest</b> and several associated attributes:</p> <ul style="list-style-type: none"> <li><b>ns1:WebAuthenticationDetail</b>: Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).</li> <li><b>ns1:ClientDetail</b>: Descriptive data identifying the client submitting the transaction.</li> <li><b>ns1:TransactionDetail</b>: Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</li> <li><b>ns1:Version</b>: Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</li> <li><b>ns1:ShipTimestamp</b>: The timestamp of the shipment request.</li> <li><b>ns1:TrackingId</b>: Identifies the FedEx tracking number of the package being cancelled.</li> <li><b>ns1:DeletionControl</b>: Determines the type of deletion to be performed in relation to package level vs shipment level.</li> </ul>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:WebAuthenticationDetail</b> <b>ns1:ClientDetail</b> <b>ns1:TransactionDetail</b> <b>ns1:Version</b> <b>ns1:ShipTimestamp</b> <b>ns1:TrackingId</b> <b>ns1:DeletionControl</b>

annotation	<p>documentation Descriptive data sent to FedEx by a customer in order to delete a package.</p>
source	<pre>&lt;xs:complexType name="DeleteShipmentRequest"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Descriptive data sent to FedEx by a customer in order to delete a package.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ClientDetail" type="ns:ClientDetail" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data identifying the client submitting the transaction.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Version" type="ns:VersionId" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ShipTimestamp" type="xs:dateTime" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The timestamp of the shipment request.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TrackingId" type="ns:TrackingId" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the FedEx tracking number of the package being cancelled.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="DeletionControl" type="ns:DeletionControlType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Determines the type of deletion to be performed in relation to package level vs shipment level.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType DeleteTagRequest

diagram

	<p><b>ns1:WebAuthenticationDetail</b> type ns:WebAuthenticationDetail</p> <p>Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).</p> <p><b>ns1:ClientDetail</b> type ns:ClientDetail</p> <p>Descriptive data identifying the client submitting the transaction.</p> <p><b>ns1:TransactionDetail</b> type ns:TransactionDetail</p> <p>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</p> <p><b>ns1:Version</b> type ns:VersionId</p> <p>Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</p> <p><b>ns1:DispatchLocationId</b> type xs:string</p> <p>Only used for tags which had FedEx Express services.</p> <p><b>ns1:DispatchDate</b> type xs:date</p> <p>Only used for tags which had FedEx Express services.</p> <p><b>ns1:Payment</b> type ns:Payment</p> <p>If the original ProcessTagRequest specified third-party payment, then the delete request must contain the same pay type and payor account number for security purposes.</p> <p><b>ns1:ConfirmationNumber</b> type xs:string</p> <p>Also known as Pickup Confirmation Number or Dispatch Number</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:WebAuthenticationDetail ns1:ClientDetail ns1:TransactionDetail ns1:Version ns1:DispatchLocationId ns1:DispatchDate ns1:Payment ns1:ConfirmationNumber
source	<pre>&lt;xs:complexType name="DeleteTagRequest"&gt; &lt;xs:sequence&gt;   &lt;xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail" minOccurs="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;   &lt;xs:element name="ClientDetail" type="ns:ClientDetail" minOccurs="1"&gt;     &lt;xs:annotation&gt;</pre>

```

<xs:documentation>Descriptive data identifying the client submitting the transaction.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Version" type="ns:VersionId" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DispatchLocationId" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Only used for tags which had FedEx Express services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DispatchDate" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Only used for tags which had FedEx Express services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Payment" type="ns:Payment" minOccurs="1">
  <xs:annotation>
    <xs:documentation>If the original ProcessTagRequest specified third-party payment, then the delete request must contain the same pay type and payor account number for security purposes.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ConfirmationNumber" type="xs:string" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Also known as Pickup Confirmation Number or Dispatch Number</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType DeliveryOnInvoiceAcceptanceDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Recipient ns1:TrackingId
source	<pre> &lt;xs:complexType name="DeliveryOnInvoiceAcceptanceDetail"&gt;   &lt;xs:sequence&gt; </pre>

```

<xs:element name="Recipient" type="ns:Party" minOccurs="0"/>
<xs:element name="TrackingId" type="ns:TrackingId" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the tracking id for the return, if preassigned.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType **DestinationControlDetail**

diagram	<pre> classDiagram     class DestinationControlDetail {         &lt;&lt;Data required to complete the Destination Control Statement for US exports.&gt;&gt;     }     class ns1.StatementTypes {         &lt;&lt;List of applicable Statement types.&gt;&gt;     }     class ns1.DestinationCountries {         &lt;&lt;Comma-separated list of up to four country codes, required for DEPARTMENT_OF_STATE statement.&gt;&gt;     }     class ns1.EndUser {         &lt;&lt;Name of end user, required for DEPARTMENT_OF_STATE statement.&gt;&gt;     }      DestinationControlDetail "1..infinity" -- "ns1.StatementTypes"     DestinationControlDetail "0..1" -- "ns1.DestinationCountries"     DestinationControlDetail "0..1" -- "ns1.EndUser" </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:StatementTypes ns1:DestinationCountries ns1:EndUser
annotation	<p>documentation</p> <p>Data required to complete the Destination Control Statement for US exports.</p>
source	<pre> &lt;xs:complexType name="DestinationControlDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Data required to complete the Destination Control Statement for US exports.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="StatementTypes" type="ns:DestinationControlStatementType" minOccurs="1" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;List of applicable Statement types.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="DestinationCountries" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Comma-separated list of up to four country codes, required for DEPARTMENT_OF_STATE statement.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="EndUser" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Name of end user, required for DEPARTMENT_OF_STATE statement.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

</xs:complexType>

#### complexType Dimensions

diagram	<pre>graph LR; Dimensions --- Length["ns1:Length&lt;br/&gt;type xs:nonNegativeInteger"]; Dimensions --- Width["ns1:Width&lt;br/&gt;type xs:nonNegativeInteger"]; Dimensions --- Height["ns1:Height&lt;br/&gt;type xs:nonNegativeInteger"]; Dimensions --- Units["ns1:Units&lt;br/&gt;type ns:LinearUnits"]</pre>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:Length ns1:Width ns1:Height ns1:Units
annotation	<p>documentation</p> <p>The dimensions of this package and the unit type used for the measurements.</p>
source	<pre>&lt;xs:complexType name="Dimensions"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The dimensions of this package and the unit type used for the measurements.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Length" type="xs:nonNegativeInteger" minOccurs="1"/&gt;     &lt;xs:element name="Width" type="xs:nonNegativeInteger" minOccurs="1"/&gt;     &lt;xs:element name="Height" type="xs:nonNegativeInteger" minOccurs="1"/&gt;     &lt;xs:element name="Units" type="ns:LinearUnits" minOccurs="1"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType DocTabContent

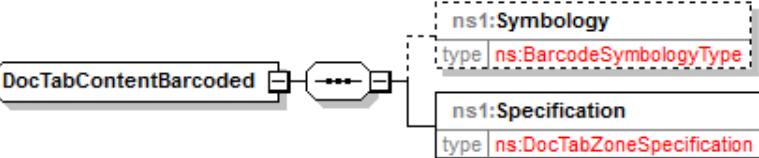
diagram	<pre>graph LR; DocTabContent --- DocTabContentType["ns1:DocTabContentType&lt;br/&gt;type ns:DocTabContentType"]; DocTabContent --- Zone001["ns1:Zone001&lt;br/&gt;type ns:DocTabContentZone001"]; DocTabContent --- Barcoded["ns1:Barcoded&lt;br/&gt;type ns:DocTabContentBarcoded"]</pre>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:DocTabContentType ns1:Zone001 ns1:Barcoded
source	<pre>&lt;xs:complexType name="DocTabContent"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="DocTabContentType" type="ns:DocTabContentType" minOccurs="1"&gt;       &lt;xs:annotation&gt;</pre>

```

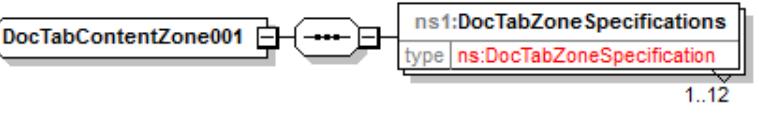
<xs:documentation>The DocTabContentType options available.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Zone001" type="ns:DocTabContentZone001" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The DocTabContentType should be set to ZONE001 to specify additional Zone details.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Barcoded" type="ns:DocTabContentBarcoded" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The DocTabContentType should be set to BARCODED to specify additional BarCoded details.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType DocTabContentBarcoded

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Symbology ns1:Specification
source	<pre> &lt;xs:complexType name="DocTabContentBarcoded"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Symbology" type="ns:BarcodeSymbologyType" minOccurs="0"/&gt;     &lt;xs:element name="Specification" type="ns:DocTabZoneSpecification" minOccurs="1"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

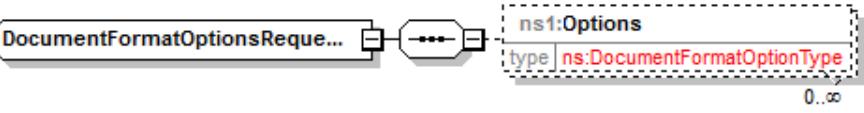
#### complexType DocTabContentZone001

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:DocTabZoneSpecifications
source	<pre> &lt;xs:complexType name="DocTabContentZone001"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="DocTabZoneSpecifications" type="ns:DocTabZoneSpecification" minOccurs="1" maxOccurs="12"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

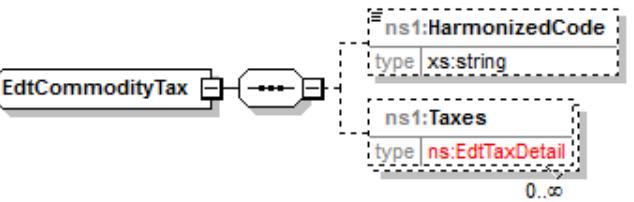
#### complexType DocTabZoneSpecification

diagram	<pre> classDiagram     class DocTabZoneSpecification {         &lt;&gt; ns1:ZoneNumber         &lt;&gt; ns1:Header         &lt;&gt; ns1:DataField         &lt;&gt; ns1:LiteralValue         &lt;&gt; ns1:Justification     }     DocTabZoneSpecification "1" *-- "1" ns1:ZoneNumber : type xs:positiveInteger     DocTabZoneSpecification "1" *-- "1" ns1:Header : type xs:string     DocTabZoneSpecification "1" *-- "1" ns1:DataField : type xs:string     DocTabZoneSpecification "1" *-- "1" ns1:LiteralValue : type xs:string     DocTabZoneSpecification "1" *-- "1" ns1:Justification : type ns:DocTabZoneJustificationType   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:ZoneNumber ns1:Header ns1:DataField ns1:LiteralValue ns1:Justification
source	<pre> &lt;xsd:complexType name="DocTabZoneSpecification"&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="ZoneNumber" type="xsd:positiveInteger" minOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Zone number can be between 1 and 12.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Header" type="xsd:string" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Header value on this zone.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="DataField" type="xsd:string" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Reference path to the element in the request/reply whose value should be printed on this zone.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="LiteralValue" type="xsd:string" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Free form-text to be printed in this zone.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Justification" type="ns:DocTabZoneJustificationType" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Justification for the text printed on this zone.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

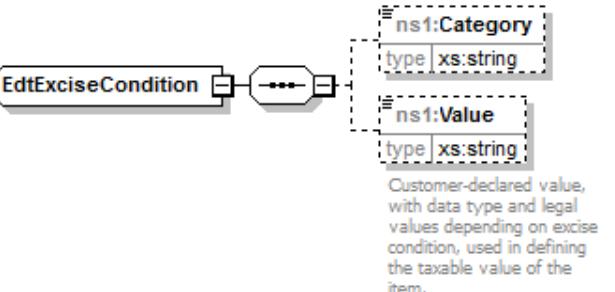
### complexType DocumentFormatOptionsRequested

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Options
source	<pre>&lt;xs:complexType name="DocumentFormatOptionsRequested"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Options" type="ns:DocumentFormatOptionType" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### complexType EdtCommodityTax

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:HarmonizedCode ns1:Taxes
source	<pre>&lt;xs:complexType name="EdtCommodityTax"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="HarmonizedCode" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="Taxes" type="ns:EdtTaxDetail" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### complexType EdtExciseCondition

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Category ns1:Value
source	<pre>&lt;xs:complexType name="EdtExciseCondition"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Category" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="Value" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Customer-declared value, with data type and legal values depending on excise condition, used in defining the taxable value of the item.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

```

<xs:documentation>Customer-declared value, with data type and legal values depending on excise condition, used in defining the taxable value of the item.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType EdtTaxDetail

diagram	<pre> classDiagram     class EdtTaxDetail     class ns1::TaxType {         type ns::EdtTaxType     }     class ns1::EffectiveDate {         type xs:date     }     class ns1::Name {         type xs:string     }     class ns1::TaxableValue {         type ns::Money     }     class ns1::Description {         type xs:string     }     class ns1::Formula {         type xs:string     }     class ns1::Amount {         type ns::Money     }      EdtTaxDetail --&gt; ns1::TaxType     EdtTaxDetail --&gt; ns1::EffectiveDate     EdtTaxDetail --&gt; ns1::Name     EdtTaxDetail --&gt; ns1::TaxableValue     EdtTaxDetail --&gt; ns1::Description     EdtTaxDetail --&gt; ns1::Formula     EdtTaxDetail --&gt; ns1::Amount </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:TaxType ns1:EffectiveDate ns1:Name ns1:TaxableValue ns1:Description ns1:Formula ns1:Amount
source	<pre> &lt;xs:complexType name="EdtTaxDetail"&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="TaxType" type="ns:EdtTaxType" minOccurs="0"/&gt;         &lt;xs:element name="EffectiveDate" type="xs:date" minOccurs="0"/&gt;         &lt;xs:element name="Name" type="xs:string" minOccurs="0"/&gt;         &lt;xs:element name="TaxableValue" type="ns:Money" minOccurs="0"/&gt;         &lt;xs:element name="Description" type="xs:string" minOccurs="0"/&gt;         &lt;xs:element name="Formula" type="xs:string" minOccurs="0"/&gt;         &lt;xs:element name="Amount" type="ns:Money" minOccurs="0"/&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType EMailLabelDetail

diagram	<pre> classDiagram     class EMailLabelDetail     class ns1::Message {         type xs:string         "Content of the email message."     }     class ns1::Recipients {         type ns::EMailRecipient         "0..∞"     }      EMailLabelDetail --&gt; ns1::Message     EMailLabelDetail --&gt; ns1::Recipients </pre> <p>Describes specific information about the email label shipment.</p>
namespace	http://fedex.com/ws/ship/v17

children	<b>ns1:Message ns1:Recipients</b>
annotation	<p>documentation Describes specific information about the email label shipment.</p>
source	<pre>&lt;xs:complexType name="EMailLabelDetail"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Describes specific information about the email label shipment.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt; &lt;xs:element name="Message" type="xs:string" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Content of the email message.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="Recipients" type="ns:EMailRecipient" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType	<b>EMailNotificationDetail</b>
diagram	<p>Information describing email notifications that will be sent in relation to events that occur during package movement</p> <p><b>ns1:AggregationType</b> type <code>ns:EMailNotificationAggregationType</code> Specifies whether/how email notifications are grouped.</p> <p><b>ns1:PersonalMessage</b> type <code>xs:string</code> A message that will be included in the email notifications</p> <p><b>ns1:Recipients</b> type <code>ns:EMailNotificationRecipient</code> 1..6 Information describing the destination of the email, format of the email and events to be notified on</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:AggregationType ns1:PersonalMessage ns1:Recipients</b>
annotation	<p>documentation Information describing email notifications that will be sent in relation to events that occur during package movement</p>
source	<pre>&lt;xs:complexType name="EMailNotificationDetail"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Information describing email notifications that will be sent in relation to events that occur during package movement&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt; &lt;xs:element name="AggregationType" type="ns:EMailNotificationAggregationType" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Specifies whether/how email notifications are grouped.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="PersonalMessage" type="xs:string" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;A message that will be included in the email notifications&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

```

<xs:element name="Recipients" type="ns:EMailNotificationRecipient" minOccurs="1" maxOccurs="6">
  <xs:annotation>
    <xs:documentation>Information describing the destination of the email, format of the email and events to be notified on</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### complexType EMailNotificationRecipient

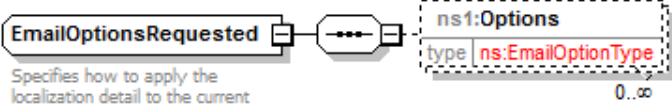
diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:EMailNotificationRecipientType ns1:EMailAddress ns1:NotificationEventsRequested ns1:Format ns1:Localization
annotation	<p>documentation</p> <p>The descriptive data for a FedEx email notification recipient.</p>
source	<pre> &lt;xs:complexType name="EMailNotificationRecipient"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The descriptive data for a FedEx email notification recipient.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="EMailNotificationRecipientType" type="ns:EMailNotificationRecipientType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the relationship this email recipient has to the shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="EMailAddress" type="xs:string" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The email address to send the notification to&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="NotificationEventsRequested" type="ns:EMailNotificationEventType" minOccurs="0" maxOccurs="unbounded"&gt; </pre>

```

<xs:annotation>
  <xs:documentation>The types of email notifications being requested for this recipient.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Format" type="ns:EMailNotificationFormatType" minOccurs="1">
  <xs:annotation>
    <xs:documentation>The format of the email notification.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Localization" type="ns:Localization" minOccurs="1">
  <xs:annotation>
    <xs:documentation>The language/locale to be used in this email notification.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType EmailOptionsRequested

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Options
annotation	documentation Specifies how to apply the localization detail to the current context.
source	<pre> &lt;xs:complexType name="EmailOptionsRequested"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies how to apply the localization detail to the current context.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Options" type="ns:EmailOptionType" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType EMailRecipient

diagram	
---------	--

	<pre> classDiagram     class EMailRecipient {         ns1:EmailAddress         ns1:Role         ns1:OptionsRequested         ns1:Localization     }     EMailRecipient "1" -- "*" ns1:EmailAddress     EMailRecipient "1" -- "*" ns1:Role     EMailRecipient "1" -- "*" ns1:OptionsRequested     EMailRecipient "1" -- "*" ns1:Localization </pre> <p><b>EMailRecipient</b></p> <p>Information describing the address of of the email recipient, role of the email recipient and languages that are requested to be supported.</p> <p><b>ns1:EmailAddress</b> type <code>xs:string</code> EMail address of the recipient.</p> <p><b>ns1:Role</b> type <code>ns:AccessorRoleType</code> The relationship that the customer has to the pending shipment.</p> <p><b>ns1:OptionsRequested</b> type <code>ns&gt;EmailOptionsRequested</code> Specifies how the email notification for the pending shipment need to be processed.</p> <p><b>ns1:Localization</b> type <code>ns:Localization</code> Localization and language details specified by the recipient of the EMail.</p>
namespace	<code>http://fedex.com/ws/ship/v17</code>
children	<code>ns1:EmailAddress ns1:Role ns1:OptionsRequested ns1:Localization</code>
annotation	<p>documentation</p> <p>Information describing the address of of the email recipient, role of the email recipient and languages that are requested to be supported.</p>
source	<pre> &lt;xs:complexType name="EMailRecipient"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Information describing the address of of the email recipient, role of the email recipient and languages that are requested to be supported.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="EmailAddress" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;EMail address of the recipient.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Role" type="ns:AccessorRoleType" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;The relationship that the customer has to the pending shipment.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="OptionsRequested" type="ns&gt;EmailOptionsRequested" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Specifies how the email notification for the pending shipment need to be processed.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Localization" type="ns:Localization" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Localization and language details specified by the recipient of the EMail.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

**complexType EtdDetail**

diagram	<pre> classDiagram     class EtdDetail     class ns1RequestedDocumentCopies     class ns1DocumentReferences      EtdDetail --&gt; ns1RequestedDocumentCopies     EtdDetail --&gt; ns1DocumentReferences   </pre> <p>ns1:RequestedDocumentCopies type ns:RequestedShippingDocumentType 0..∞</p> <p>Indicates the types of shipping documents produced for the shipper by FedEx (see ShippingDocumentSpecification) which should be copied back to the shipper in the shipment result data.</p> <p>ns1:DocumentReferences type ns:UploadDocumentReferenceDetail 0..∞</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:RequestedDocumentCopies ns1:DocumentReferences
annotation	<p>documentation</p> <p>Electronic Trade document references used with the ETD special service.</p>
source	<pre> &lt;x:complexType name="EtdDetail"&gt;   &lt;x:annotation&gt;     &lt;x:documentation&gt;Electronic Trade document references used with the ETD special service.&lt;/x:documentation&gt;   &lt;/x:annotation&gt;   &lt;x:sequence&gt;     &lt;x:element name="RequestedDocumentCopies" type="ns:RequestedShippingDocumentType" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;Indicates the types of shipping documents produced for the shipper by FedEx (see ShippingDocumentSpecification) which should be copied back to the shipper in the shipment result data.&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;     &lt;x:element name="DocumentReferences" type="ns:UploadDocumentReferenceDetail" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/x:sequence&gt; &lt;/x:complexType&gt;   </pre>

**complexType ExportDeclarationDetail**

diagram	<pre> classDiagram     class ExportDeclarationDetail     class ns1DocumentFormat     class ns1CustomerImageUsages      ExportDeclarationDetail --&gt; ns1DocumentFormat     ExportDeclarationDetail --&gt; ns1CustomerImageUsages   </pre> <p>ns1:DocumentFormat type ns:ShippingDocumentFormat</p> <p>Specifies characteristics of a shipping document to be produced.</p> <p>ns1:CustomerImageUsages type ns:CustomerImageUsage 0..∞</p> <p>Specifies the usage and identification of customer supplied images to be used on this document.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:DocumentFormat ns1:CustomerImageUsages
annotation	<p>documentation</p> <p>The instructions indicating how to print the Export Declaration.</p>
source	<pre> &lt;x:complexType name="ExportDeclarationDetail"&gt;   &lt;x:annotation&gt;     &lt;x:documentation&gt;The instructions indicating how to print the Export Declaration.&lt;/x:documentation&gt;   &lt;/x:annotation&gt;   &lt;x:sequence&gt;   &lt;/x:sequence&gt; &lt;/x:complexType&gt;   </pre>

```

<xs:element name="DocumentFormat" type="ns:ShippingDocumentFormat" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies characteristics of a shipping document to be produced.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Specifies the usage and identification of customer supplied images to be used on this document.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType ExportDetail

diagram	<p><b>ExportDetail</b></p> <p>Country specific details of an International shipment.</p> <ul style="list-style-type: none"> <li><b>ns1:B13AFilingOption</b> type ns:B13AFilingOptionType Specifies which filing option is being exercised by the customer. Required for non-document shipments originating in Canada destined for any country other than Canada, the United States, Puerto Rico or the U.S. Virgin Islands.</li> <li><b>ns1:ExportComplianceStatement</b> type xs:string General field for exporting-country-specific export data (e.g. B13A for CA, FTSR Exemption or AES Citation for US).</li> <li><b>ns1:PermitNumber</b> type xs:string This field is applicable only to Canada export non-document shipments of any value to any destination. No special characters allowed.</li> <li><b>ns1:DestinationControlDetail</b> type ns:DestinationControlDetail Department of Commerce/Department of State information about this shipment.</li> </ul>
namespace	http://fedex.com/ws/ship/v17
children	ns1:B13AFilingOption ns1:ExportComplianceStatement ns1:PermitNumber ns1:DestinationControlDetail
annotation	<p>documentation</p> <p>Country specific details of an International shipment.</p>
source	<pre> &lt;xs:complexType name="ExportDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Country specific details of an International shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="B13AFilingOption" type="ns:B13AFilingOptionType" minOccurs="0"&gt;       &lt;xs:annotation&gt; </pre>

```

<xs:documentation>
    Specifies which filing option is being exercised by the customer.
    Required for non-document shipments originating in Canada destined for any country other than Canada, the
    United States, Puerto Rico or the U.S. Virgin Islands.
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ExportComplianceStatement" type="xs:string" minOccurs="0">
    <xs:annotation>
        <xs:documentation>General field for exporting-country-specific export data (e.g. B13A for CA, FTSR Exemption or AES
        Citation for US).</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="PermitNumber" type="xs:string" minOccurs="0">
    <xs:annotation>
        <xs:documentation>This field is applicable only to Canada export non-document shipments of any value to any
        destination. No special characters allowed.</xs:documentation>
        <xs:appinfo>
            <xs:MaxLength>10</xs:MaxLength>
        </xs:appinfo>
    </xs:annotation>
</xs:element>
<xs:element name="DestinationControlDetail" type="ns:DestinationControlDetail" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Department of Commerce/Department of State information about this shipment.</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType ExpressFreightDetail

diagram	<p>Diagram illustrating the structure of the ExpressFreightDetail complex type. It consists of three main components:</p> <ul style="list-style-type: none"> <li><b>ns1:PackingListEnclosed</b>: type xs:boolean. Indicates whether or not a packing list is enclosed.</li> <li><b>ns1:ShippersLoadAndCount</b>: type xs:positiveInteger. Total shipment pieces, e.g. 3 boxes and 3 pallets of 100 pieces each = Shippers Load and Count of 303. Applicable to International Priority Freight and International Economy Freight. Values must be in the range of 1 - 99999.</li> <li><b>ns1:BookingConfirmationNumber</b>: type xs:string. Required for International Freight shipping. Values must be 8- 12 characters in length.</li> </ul> <p>Details specific to an Express freight shipment.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:PackingListEnclosed</b> <b>ns1:ShippersLoadAndCount</b> <b>ns1:BookingConfirmationNumber</b>
annotation	<p>documentation</p> <p>Details specific to an Express freight shipment.</p>

source

```

<xs:complexType name="ExpressFreightDetail">
  <xs:annotation>
    <xs:documentation>Details specific to an Express freight shipment.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="PackingListEnclosed" type="xs:boolean" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Indicates whether or nor a packing list is enclosed.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ShippersLoadAndCount" type="xs:positiveInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>
          Total shipment pieces.  

          e.g. 3 boxes and 3 pallets of 100 pieces each = Shippers Load and Count of 303.  

          Applicable to International Priority Freight and International Economy Freight.  

          Values must be in the range of 1 - 99999
        </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="BookingConfirmationNumber" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Required for International Freight shipping. Values must be 8- 12 characters in length.</xs:documentation>
      <xs:appinfo>
        <xs:MaxLength>12</xs:MaxLength>
      </xs:appinfo>
    </xs:annotation>
  </xs:element>
  </xs:sequence>
</xs:complexType>
```

#### complexType FreightAddressLabelDetail

diagram

	<pre> classDiagram     class FreightAddressLabelDetail {         ns1:Format         ns1:Copies         ns1:StartingPosition         ns1:DocTabContent         ns1:CustomContentPosition         ns1:CustomContent     } </pre> <p><b>FreightAddressLabelDetail</b></p> <p>Data required to produce the Freight handling-unit-level address labels. Note that the number of UNIQUE labels (the N as in 1 of N, 2 of N, etc.) is determined by total handling units.</p> <p><b>ns1:Format</b> type ns:ShippingDocumentFormat</p> <p><b>ns1:Copies</b> type xs:nonNegativeInteger Indicates the number of copies to be produced for each unique label.</p> <p><b>ns1:StartingPosition</b> type ns:PageQuadrantType Specifies the quadrant of the page on which the label printing will start.</p> <p><b>ns1:DocTabContent</b> type ns:DocTabContent If omitted, no doc tab will be produced (i.e. default = former NONE type).</p> <p><b>ns1:CustomContentPosition</b> type ns:RelativeVerticalPositionType Controls the position of the customer specified content relative to the FedEx portion.</p> <p><b>ns1:CustomContent</b> type ns:CustomLabelDetail</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:Format ns1:Copies ns1:StartingPosition ns1:DocTabContent ns1:CustomContentPosition ns1:CustomContent</b>
annotation	<p>documentation</p> <p>Data required to produce the Freight handling-unit-level address labels. Note that the number of UNIQUE labels (the N as in 1 of N, 2 of N, etc.) is determined by total handling units.</p>
source	<pre> &lt;xs:complexType name="FreightAddressLabelDetail"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Data required to produce the Freight handling-unit-level address labels. Note that the number of UNIQUE labels (the N as in 1 of N, 2 of N, etc.) is determined by total handling units.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"/&gt;         &lt;xs:element name="Copies" type="xs:nonNegativeInteger" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Indicates the number of copies to be produced for each unique label.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="StartingPosition" type="ns:PageQuadrantType" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Specifies the quadrant of the page on which the label printing will start.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="DocTabContent" type="ns:DocTabContent" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;If omitted, no doc tab will be produced (i.e. default = former NONE type).&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="CustomContentPosition" type="ns:RelativeVerticalPositionType" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Controls the position of the customer specified content relative to the FedEx&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

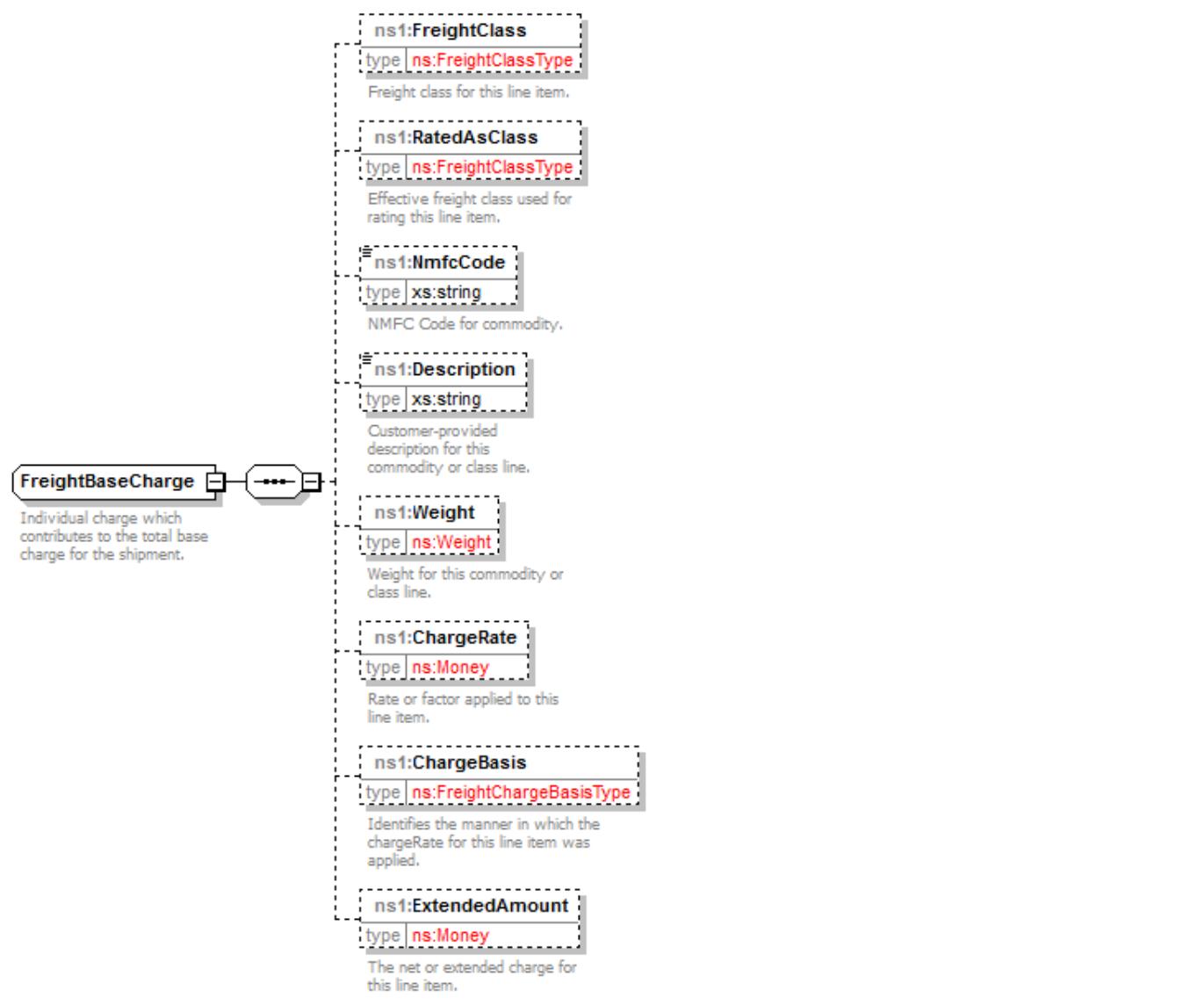
```

portion.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CustomContent" type="ns:CustomLabelDetail" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

### complexType FreightBaseCharge

diagram



namespace <http://fedex.com/ws/ship/v17>

children **ns1:FreightClass ns1:RatedAsClass ns1:NmfcCode ns1:Description ns1:Weight ns1:ChargeRate ns1:ChargeBasis ns1:ExtendedAmount**

annotation documentation  
Individual charge which contributes to the total base charge for the shipment.

```

<xs:complexType name="FreightBaseCharge">
    <xs:annotation>
        <xs:documentation>Individual charge which contributes to the total base charge for the shipment.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="FreightClass" type="ns:FreightClassType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Freight class for this line item.</xs:documentation>

```

```

</xs:annotation>
</xs:element>
<xs:element name="RatedAsClass" type="ns:FreightClassType" minOccurs="0">
<xs:annotation>
<xs:documentation>Effective freight class used for rating this line item.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="NmfcCode" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>NMFC Code for commodity.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Description" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Customer-provided description for this commodity or class line.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Weight" type="ns:Weight" minOccurs="0">
<xs:annotation>
<xs:documentation>Weight for this commodity or class line.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ChargeRate" type="ns:Money" minOccurs="0">
<xs:annotation>
<xs:documentation>Rate or factor applied to this line item.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ChargeBasis" type="ns:FreightChargeBasisType" minOccurs="0">
<xs:annotation>
<xs:documentation>Identifies the manner in which the chargeRate for this line item was applied.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ExtendedAmount" type="ns:Money" minOccurs="0">
<xs:annotation>
<xs:documentation>The net or extended charge for this line item.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType FreightGuaranteeDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Type ns1:Date
source	

```

<xs:complexType name="FreightGuaranteeDetail">
  <xs:sequence>
    <xs:element name="Type" type="ns:FreightGuaranteeType" minOccurs="0"/>
    <xs:element name="Date" type="xs:date" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Date for all Freight guarantee types.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

### complexType FreightRateDetail

diagram	<p>The diagram illustrates the structure of the <b>FreightRateDetail</b> complex type. It consists of the following components:</p> <ul style="list-style-type: none"> <li><b>FreightRateDetail</b>: The main class, described as "Rate data specific to FedEx Freight or FedEx National Freight services".</li> <li><b>ns1:QuoteNumber</b>: An attribute with type <code>xs:string</code>, described as "A unique identifier for a specific rate quotation".</li> <li><b>ns1:QuoteType</b>: An attribute with type <code>ns:FreightRateQuoteType</code>, described as "Specifies whether the rate quote was automated or manual".</li> <li><b>ns1:BaseChargeCalculation</b>: An attribute with type <code>ns:FreightBaseChargeCalculatio...</code>, described as "Specifies how total base charge is determined".</li> <li><b>ns1:BaseCharges</b>: A sequence element with type <code>ns:FreightBaseCharge</code>, described as "Freight charges which accumulate to the total base charge for the shipment". Its multiplicity is <code>0..∞</code>.</li> <li><b>ns1:Notations</b>: A sequence element with type <code>ns:FreightRateNotation</code>, described as "Human-readable descriptions of additional information on this shipment rating". Its multiplicity is <code>0..∞</code>.</li> </ul>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:QuoteNumber ns1:QuoteType ns1:BaseChargeCalculation ns1:BaseCharges ns1:Notations</b>
annotation	<p>documentation Rate data specific to FedEx Freight or FedEx National Freight services.</p>
source	<pre> &lt;xs:complexType name="FreightRateDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rate data specific to FedEx Freight or FedEx National Freight services.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="QuoteNumber" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;A unique identifier for a specific rate quotation.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="QuoteType" type="ns:FreightRateQuoteType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies whether the rate quote was automated or manual.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```

</xs:annotation>
</xs:element>
<xs:element name="BaseChargeCalculation" type="ns:FreightBaseChargeCalculationType" minOccurs="0">
<xs:annotation>
<xs:documentation>Specifies how total base charge is determined.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="BaseCharges" type="ns:FreightBaseCharge" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Freight charges which accumulate to the total base charge for the shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Notations" type="ns:FreightRateNotation" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Human-readable descriptions of additional information on this shipment rating.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType FreightRateNotation

diagram	<p>Additional non-monetary data returned with Freight rates.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:Code ns1:Description</b>
annotation	<p>documentation</p> <p>Additional non-monetary data returned with Freight rates.</p>
source	<pre> &lt;xs:complexType name="FreightRateNotation"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Additional non-monetary data returned with Freight rates.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt; &lt;xs:element name="Code" type="xs:string" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Unique identifier for notation.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="Description" type="xs:string" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Human-readable explanation of notation.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

complexType FreightShipmentDetail

diagram	<pre> classDiagram     class FedExFreightAccountNumber {         type xs:string         description Account number used with FEDEX_FREIGHT services     }     class FedExFreightBillingContactAndAddress {         type ns:ContactAndAddress         description Used for validating FedEx Freight account number and (optionally) identifying third party payee on the Shipment     }     class AlternateBilling {         type ns:Party         description Used in connection with "Send Bill To" (S8T) identification of customer's account used for billing     }     class PrintedReferences {         type ns:PrintedReference         description Identification values to be printed during creation of a Freight bill of lading     }     class Role {         type ns:FreightShipmentRoleType         description Indicates the role of the party submitting the transaction     }     class CollectTermsType {         type ns:FreightCollectTermType         description Designates the terms of the "bill" payments for a Freight Shipment     }     class DeclaredValuePerUnit {         type ns:Money         description Identifies the declared value for the shipment     }     class DeclaredValueUnits {         type xs:string         description Identifies the declared value units corresponding to the above defined declared value     }     class LiabilityCoverageDetail {         type ns:LiabilityCoverageDetail     }     class Coupons {         type xs:string         description Identifiers for promotional discounts offered to customers     }     class TotalHandlingUnits {         type xs:nonNegativeInteger         description Total number of individual handling units in the entire shipment (for unit pricing)     }     class ClientDiscountPercent {         type xs:decimal         description Estimated discount rate provided by client for unassured rate quote     }     class PalletWeight {         type ns:Weight         description Total weight of pallets used in shipment     }     class ShipmentDimensions {         type ns:Dimensions         description Overall shipment dimensions     }     class Comment {         type xs:string         description Description for the shipment     }     class SpecialServicePayments {         type ns:FreightSpecialServicePayment         description Specifies which party will pay surcharges for any special services and supports split billing     }     class HazardousMaterialsEmergencyContactNumber {         type xs:string         description Must be populated if any line items contain hazardous materials     }     class HazardousMaterialsOfferor {         type xs:string     }     class LineItems {         type ns:FreightShipmentLineItem         description Details of the commodities in the shipment     }      FedExFreightAccountNumber     FedExFreightBillingContactAndAddress     AlternateBilling     PrintedReferences     Role     CollectTermsType     DeclaredValuePerUnit     DeclaredValueUnits     LiabilityCoverageDetail     Coupons     TotalHandlingUnits     ClientDiscountPercent     PalletWeight     ShipmentDimensions     Comment     SpecialServicePayments     HazardousMaterialsEmergencyContactNumber     HazardousMaterialsOfferor     LineItems     FedExFreightAccountNumber &lt; -- FedExFreightBillingContactAndAddress     FedExFreightBillingContactAndAddress &lt; -- ns:ContactAndAddress     AlternateBilling &lt; -- ns:Party     PrintedReferences &lt; -- ns:PrintedReference     Role &lt; -- ns:FreightShipmentRoleType     CollectTermsType &lt; -- ns:FreightCollectTermType     DeclaredValuePerUnit &lt; -- ns:Money     LiabilityCoverageDetail &lt; -- ns:LiabilityCoverageDetail     Coupons &lt; -- xs:string     TotalHandlingUnits &lt; -- xs:nonNegativeInteger     ClientDiscountPercent &lt; -- xs:decimal     PalletWeight &lt; -- ns:Weight     ShipmentDimensions &lt; -- ns:Dimensions     Comment &lt; -- xs:string     SpecialServicePayments &lt; -- ns:FreightSpecialServicePayment     HazardousMaterialsEmergencyContactNumber &lt; -- xs:string     HazardousMaterialsOfferor &lt; -- xs:string     LineItems &lt; -- ns:FreightShipmentLineItem </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:FedExFreightAccountNumber ns1:FedExFreightBillingContactAndAddress ns1:AlternateBilling ns1:PrintedReferences ns1:Role ns1:CollectTermsType ns1:DeclaredValuePerUnit ns1:DeclaredValueUnits ns1:LiabilityCoverageDetail ns1:Coupons ns1:TotalHandlingUnits ns1:ClientDiscountPercent ns1:PalletWeight ns1:ShipmentDimensions ns1:Comment ns1:SpecialServicePayments ns1:HazardousMaterialsEmergencyContactNumber ns1:HazardousMaterialsOfferor ns1:LineItems
annotation	documentation Data applicable to shipments using FEDEX_FREIGHT_ECONOMY and FEDEX_FREIGHT_PRIORITY services.
source	<pre> &lt;xss:complexType name="FreightShipmentDetail"&gt;     &lt;xss:annotation&gt; </pre>

```
<xs:documentation>Data applicable to shipments using FEDEX_FREIGHT_ECONOMY and FEDEX_FREIGHT_PRIORITY services.</xs:documentation>
</xs:annotation>
<xs:sequence>
  <xs:element name="FedExFreightAccountNumber" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Account number used with FEDEX_FREIGHT service.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="FedExFreightBillingContactAndAddress" type="ns>ContactAndAddress" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Used for validating FedEx Freight account number and (optionally) identifying third party payment on the bill of lading.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="AlternateBilling" type="ns:Party" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Used in connection with "Send Bill To" (SBT) identification of customer's account used for billing.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PrintedReferences" type="ns:PrintedReference" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Identification values to be printed during creation of a Freight bill of lading.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Role" type="ns:FreightShipmentRoleType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Indicates the role of the party submitting the transaction.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CollectTermsType" type="ns:FreightCollectTermsType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Designates the terms of the "collect" payment for a Freight Shipment.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DeclaredValuePerUnit" type="ns:Money" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Identifies the declared value for the shipment</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DeclaredValueUnits" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Identifies the declared value units corresponding to the above defined declared value</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LiabilityCoverageDetail" type="ns:LiabilityCoverageDetail" minOccurs="0"/>
  <xs:element name="Coupons" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Identifiers for promotional discounts offered to customers.</xs:documentation>
    </xs:annotation>
  </xs:element>
```

```

</xs:element>
<xs:element name="TotalHandlingUnits" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Total number of individual handling units in the entire shipment (for unit pricing).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ClientDiscountPercent" type="xs:decimal" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Estimated discount rate provided by client for unsecured rate quote.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PalletWeight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Total weight of pallets used in shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ShipmentDimensions" type="ns:Dimensions" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Overall shipment dimensions.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Comment" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Description for the shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpecialServicePayments" type="ns:FreightSpecialServicePayment" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Specifies which party will pay surcharges for any special services which support split
billing.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HazardousMaterialsEmergencyContactNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Must be populated if any line items contain hazardous materials.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HazardousMaterialsOfferor" type="xs:string" minOccurs="0"/>
<xs:element name="LineItems" type="ns:FreightShipmentLineItem" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Details of the commodities in the shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType FreightShipmentLineItem

diagram

	<pre> classDiagram     class FreightShipmentLineItem {         ns1:FreightClass         ns1:ClassProvidedByCustomer         ns1:HandlingUnits         ns1:Packaging         ns1:Pieces         ns1:NmfCode         ns1:HazardousMaterials         ns1:PurchaseOrderNumber         ns1:Description         ns1:Weight         ns1:Dimensions         ns1:Volume     } </pre> <p><b>FreightShipmentLineItem</b></p> <p>Description of an individual commodity or class of content in a shipment.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:FreightClass</b> <b>ns1:ClassProvidedByCustomer</b> <b>ns1:HandlingUnits</b> <b>ns1:Packaging</b> <b>ns1:Pieces</b> <b>ns1:NmfCode</b> <b>ns1:HazardousMaterials</b> <b>ns1:PurchaseOrderNumber</b> <b>ns1:Description</b> <b>ns1:Weight</b> <b>ns1:Dimensions</b> <b>ns1:Volume</b>
annotation	<p>documentation</p> <p>Description of an individual commodity or class of content in a shipment.</p>
source	<pre> &lt;xs:complexType name="FreightShipmentLineItem"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Description of an individual commodity or class of content in a shipment.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; </pre>

```
<xs:sequence>
  <xs:element name="FreightClass" type="ns:FreightClassType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Freight class for this line item.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ClassProvidedByCustomer" type="xs:boolean" minOccurs="0">
    <xs:annotation>
      <xs:documentation>FEDEX INTERNAL USE ONLY: for FedEx system that estimate freight class from customer-provided dimensions and weight.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="HandlingUnits" type="xs:nonNegativeInteger" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of individual handling units to which this line applies. (NOTE: Total of line-item-level handling units may not balance to shipment-level total handling units.)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Packaging" type="ns:PhysicalPackagingType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Specification of handling-unit packaging for this commodity or class line.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Pieces" type="xs:nonNegativeInteger" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of pieces for this commodity or class line.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="NmfcCode" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>NMFC Code for commodity.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="HazardousMaterials" type="ns:HazardousCommodityOptionType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Indicates the kind of hazardous material content in this line item.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PurchaseOrderNumber" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>For printed reference per line item.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Description" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Customer-provided description for this commodity or class line.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Weight" type="ns:Weight" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Weight for this commodity or class line.</xs:documentation>
    </xs:annotation>
  </xs:element>
```

```

</xs:element>
<xs:element name="Dimensions" type="ns:Dimensions" minOccurs="0">
  <xs:annotation>
    <xs:documentation>FED EX INTERNAL USE ONLY - Individual line item dimensions.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Volume" type="ns:Volume" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Volume (cubic measure) for this commodity or class line.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType FreightSpecialServicePayment

diagram	<p>The diagram illustrates the structure of the <b>FreightSpecialServicePayment</b> complex type. It shows a central box labeled <b>FreightSpecialServicePayment</b> connected by two lines to two separate boxes. The top line connects to a box labeled <b>ns1:SpecialService</b>, which contains the text "Identifies the special service." The bottom line connects to a box labeled <b>ns1:PaymentType</b>, which contains the text "Indicates who will pay for the special service."</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:SpecialService ns1:PaymentType</b>
annotation	<p>documentation</p> <p>Specifies which party will be responsible for payment of any surcharges for Freight special services for which split billing is allowed.</p>
source	<pre> &lt;xs:complexType name="FreightSpecialServicePayment"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies which party will be responsible for payment of any surcharges for Freight special services for which split billing is allowed.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SpecialService" type="ns:ShipmentSpecialServiceType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the special service.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="PaymentType" type="ns:FreightShipmentRoleType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indicates who will pay for the special service.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType GeneralAgencyAgreementDetail

diagram	
---------	--

	<p><b>GeneralAgencyAgreementDetail</b> Data required to produce a General Agency Agreement document. Remaining content (business data) to be defined once requirements have been completed.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:Format</b>
annotation	<p>documentation Data required to produce a General Agency Agreement document. Remaining content (business data) to be defined once requirements have been completed.</p>
source	<pre>&lt;xs:complexType name="GeneralAgencyAgreementDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Data required to produce a General Agency Agreement document. Remaining content (business data) to be defined once requirements have been completed.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="1"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### complexType HazardousCommodityContent

diagram	<p><b>HazardousCommodityContent</b> Documents the kind and quantity of an individual hazardous commodity in a package.</p> <p>This describes the inner receptacle details for a hazardous commodity within the dangerous goods container.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:Description ns1:Quantity ns1:InnerReceptacles ns1:Options ns1:RadionuclideDetail ns1:NetExplosiveDetail</b>
annotation	<p>documentation Documents the kind and quantity of an individual hazardous commodity in a package.</p>

```

source<xs:complexType name="HazardousCommodityContent">
  <xs:annotation>
    <xs:documentation>Documents the kind and quantity of an individual hazardous commodity in a package.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Description" type="ns:HazardousCommodityDescription" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies and describes an individual hazardous commodity.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Quantity" type="ns:HazardousCommodityQuantityDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the amount of the commodity in alternate units.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="InnerReceptacles" type="ns:HazardousCommodityInnerReceptacleDetail" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>This describes the inner receptacle details for a hazardous commodity within the dangerous goods container.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Options" type="ns:HazardousCommodityOptionDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Customer-provided specifications for handling individual commodities.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RadionuclideDetail" type="ns:RadionuclideDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the details of any radio active materials within the commodity.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="NetExplosiveDetail" type="ns:NetExplosiveDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The total mass of the contained explosive substances, without the mass of any casings, bullets, shells, etc.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

#### complexType HazardousCommodityDescription

diagram

	<pre> classDiagram     class HazardousCommodityDescription {         ns1:id         ns1:SequenceNumber         ns1:PackingGroup         ns1:PackingDetails         ns1:ReportableQuantity         ns1:ProperShippingName         ns1:TechnicalName         ns1:Percentage         ns1:HazardClass         ns1:SubsidiaryClasses         ns1:LabelText         ns1:ProcessingOptions         ns1:Authorization     }     HazardousCommodityDescription "0..∞" --&gt; ns1:ProcessingOptions     HazardousCommodityDescription "0..∞" --&gt; ns1:Authorization </pre> <p><b>HazardousCommodityDescription</b></p> <p>Identifies and describes an individual hazardous commodity.</p> <ul style="list-style-type: none"> <li><b>ns1:id</b> type xs:string Regulatory identifier for a commodity (e.g. "UN ID" value).</li> <li><b>ns1:SequenceNumber</b> type xs:nonNegativeInteger In conjunction with the regulatory identifier, this field uniquely identifies a specific hazardous materials commodity.</li> <li><b>ns1:PackingGroup</b> type ns:HazardousCommodityPackin...</li> <li><b>ns1:PackingDetails</b> type ns:HazardousCommodityPackin...</li> <li><b>ns1:ReportableQuantity</b> type xs:boolean</li> <li><b>ns1:ProperShippingName</b> type xs:string</li> <li><b>ns1:TechnicalName</b> type xs:string</li> <li><b>ns1:Percentage</b> type xs:decimal</li> <li><b>ns1:HazardClass</b> type xs:string</li> <li><b>ns1:SubsidiaryClasses</b> type xs:string</li> <li><b>ns1:LabelText</b> type xs:string</li> <li><b>ns1:ProcessingOptions</b> type ns:HazardousCommodityDescri...</li> <li><b>ns1:Authorization</b> type xs:string Information related to quantity limitations and operator or state variations as may be applicable to the dangerous goods commodity.</li> </ul>
namespace	http://fedex.com/ws/ship/v17
children	ns1:id ns1:SequenceNumber ns1:PackingGroup ns1:PackingDetails ns1:ReportableQuantity ns1:ProperShippingName ns1:TechnicalName ns1:Percentage ns1:HazardClass ns1:SubsidiaryClasses ns1:LabelText ns1:ProcessingOptions ns1:Authorization
annotation	<p>documentation</p> <p>Identifies and describes an individual hazardous commodity.</p>
source	<pre> &lt;xs:complexType name="HazardousCommodityDescription"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies and describes an individual hazardous commodity.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt; </pre>

```

<xs:element name="Id" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Regulatory identifier for a commodity (e.g. "UN ID" value).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SequenceNumber" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>In conjunction with the regulatory identifier, this field uniquely identifies a specific hazardous materials commodity.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PackingGroup" type="ns:HazardousCommodityPackingGroupType" minOccurs="0"/>
<xs:element name="PackingDetails" type="ns:HazardousCommodityPackingDetail" minOccurs="0"/>
<xs:element name="ReportableQuantity" type="xs:boolean" minOccurs="0"/>
<xs:element name="ProperShippingName" type="xs:string" minOccurs="0"/>
<xs:element name="TechnicalName" type="xs:string" minOccurs="0"/>
<xs:element name="Percentage" type="xs:decimal" minOccurs="0"/>
<xs:element name="HazardClass" type="xs:string" minOccurs="0"/>
<xs:element name="SubsidiaryClasses" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="LabelText" type="xs:string" minOccurs="0"/>
<xs:element name="ProcessingOptions" type="ns:HazardousCommodityDescriptionProcessingOptionType" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates any special processing options to be applied to the description of the dangerous goods commodity.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Authorization" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information related to quantity limitations and operator or state variations as may be applicable to the dangerous goods commodity.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType HazardousCommodityInnerReceptacleDetail

diagram	<p>This describes information about the inner receptacles for the hazardous commodity in a particular dangerous goods container.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:Quantity</b>
annotation	<p>documentation</p> <p>This describes information about the inner receptacles for the hazardous commodity in a particular dangerous goods container.</p>
source	<pre> &lt;xs:complexType name="HazardousCommodityInnerReceptacleDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This describes information about the inner receptacles for the hazardous commodity in a particular dangerous goods container.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt; </pre>

```

<xs:element name="Quantity" type="ns:HazardousCommodityQuantityDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This specifies the quantity contained in the inner receptacle.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType HazardousCommodityOptionDetail

diagram	<pre> classDiagram     class HazardousCommodityOptionDetail {         &lt;&lt;Customer-provided specifications for handling individual commodities.&gt;&gt;     }     class ns1_LabelTextOption {         &lt;&lt;Specifies how the customer wishes the label text to be handled for this commodity in this package.&gt;&gt;     }     class ns1_CustomerSuppliedLabelText {         &lt;&lt;Text used in labeling the commodity under control of the labelTextOption field.&gt;&gt;     }      HazardousCommodityOptionDetail "2" --&gt; ns1_LabelTextOption :      HazardousCommodityOptionDetail "2" --&gt; ns1_CustomerSuppliedLabelText :   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:LabelTextOption ns1:CustomerSuppliedLabelText
annotation	<p>documentation</p> <p>Customer-provided specifications for handling individual commodities.</p>
source	<pre> &lt;xs:complexType name="HazardousCommodityOptionDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customer-provided specifications for handling individual commodities.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="LabelTextOption" type="ns:HazardousCommodityLabelTextOptionType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how the customer wishes the label text to be handled for this commodity in this package.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CustomerSuppliedLabelText" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Text used in labeling the commodity under control of the labelTextOption field.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType HazardousCommodityPackagingDetail

diagram	<pre> classDiagram     class HazardousCommodityPackagingDetail {         &lt;&lt;Identifies number and type of packaging units for hazardous commodities.&gt;&gt;     }     class ns1_Count {         &lt;&lt;Number of units of the type below.&gt;&gt;     }     class ns1_Units {         &lt;&lt;Units in which the hazardous commodity is packaged.&gt;&gt;     }      HazardousCommodityPackagingDetail "2" --&gt; ns1_Count :      HazardousCommodityPackagingDetail "2" --&gt; ns1_Units :   </pre>
namespace	

namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:Count ns1:Units</b>
annotation	<p>documentation Identifies number and type of packaging units for hazardous commodities.</p>
source	<pre>&lt;xs:complexType name="HazardousCommodityPackagingDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies number and type of packaging units for hazardous commodities.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Count" type="xs:nonNegativeInteger" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Number of units of the type below.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Units" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Units in which the hazardous commodity is packaged.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType <b>HazardousCommodityPackingDetail</b>	
diagram	<pre> classDiagram     class HazardousCommodityPackingDetail {         &lt;&lt;Specifies documentation and limits for validation of an individual packing group/category. &gt;&gt;     }     class ns1CargoAircraftOnly {         &lt;&lt;type xs:boolean&gt;&gt;     }     class ns1PackingInstructions {         &lt;&lt;Coded specification for how commodity is to be packed.&gt;&gt;     }      HazardousCommodityPackingDetail "2..1" --&gt; ns1CargoAircraftOnly :      HazardousCommodityPackingDetail "2..1" --&gt; ns1PackingInstructions :   </pre>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:CargoAircraftOnly ns1:PackingInstructions</b>
annotation	<p>documentation Specifies documentation and limits for validation of an individual packing group/category.</p>
source	<pre>&lt;xs:complexType name="HazardousCommodityPackingDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies documentation and limits for validation of an individual packing group/category.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="CargoAircraftOnly" type="xs:boolean" minOccurs="0"/&gt;     &lt;xs:element name="PackingInstructions" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Coded specification for how commodity is to be packed.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType <b>HazardousCommodityQuantityDetail</b>	
children	

diagram	<pre> sequenceDiagram     participant HCQD as HazardousCommodityQuantityDetail     participant A as ns1:Amount     participant U as ns1:Units     participant QT as ns1:QuantityType      HCQD-&gt;&gt;A:      HCQD-&gt;&gt;U:      HCQD-&gt;&gt;QT:    </pre> <p><b>HazardousCommodityQuantityDetail</b></p> <p>Identifies amount and units for quantity of hazardous commodities.</p> <p><b>ns1:Amount</b> type <code>xs:decimal</code> Number of units of the type below.</p> <p><b>ns1:Units</b> type <code>xs:string</code> Units by which the hazardous commodity is measured. For IATA commodity, the units values are restricted based on regulation type.</p> <p><b>ns1:QuantityType</b> type <code>ns:HazardousCommodityQuantit...</code> Specifies which measure of quantity is to be validated.</p>
namespace	<code>http://fedex.com/ws/ship/v17</code>
children	<code>ns1:Amount ns1:Units ns1:QuantityType</code>
annotation	<p>documentation Identifies amount and units for quantity of hazardous commodities.</p>
source	<pre> &lt;xs:complexType name="HazardousCommodityQuantityDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies amount and units for quantity of hazardous commodities.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Amount" type="xs:decimal" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Number of units of the type below.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Units" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Units by which the hazardous commodity is measured. For IATA commodity, the units values are restricted based on regulation type.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="QuantityType" type="ns:HazardousCommodityQuantityType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies which measure of quantity is to be validated.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

complexType HoldAtLocationDetail	
diagram	

	<pre> classDiagram     class HoldAtLocationDetail {         &lt;&lt;Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient.&gt;&gt;     }     class PhoneNumber {         type xs:string         &lt;&lt;Contact phone number for recipient of shipment.&gt;&gt;     }     class LocationContactAndAddress {         type ns&gt;ContactAndAddress         &lt;&lt;Contact and address of FedEx facility at which shipment is to be held.&gt;&gt;     }     class LocationType {         type ns:FedExLocationType         &lt;&lt;Type of facility at which package/shipment is to be held.&gt;&gt;     }     HoldAtLocationDetail --&gt; PhoneNumber     HoldAtLocationDetail --&gt; LocationContactAndAddress     HoldAtLocationDetail --&gt; LocationType </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:PhoneNumber ns1:LocationContactAndAddress ns1:LocationType
annotation	<p>documentation</p> <p>Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient.</p>
source	<pre> &lt;xs:complexType name="HoldAtLocationDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="PhoneNumber" type="xs:string" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Contact phone number for recipient of shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="LocationContactAndAddress" type="ns&gt;ContactAndAddress" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Contact and address of FedEx facility at which shipment is to be held.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="LocationType" type="ns:FedExLocationType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Type of facility at which package/shipment is to be held.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType HomeDeliveryPremiumDetail

diagram

	<pre> classDiagram     class HomeDeliveryPremiumDetail {         &lt;&lt;The descriptive data required by FedEx for home delivery services.&gt;&gt;     }     class HomeDeliveryPremiumType {         &lt;&lt;The type of Home Delivery Premium service being requested.&gt;&gt;     }     class Date {         &lt;&lt;Required for Date Certain Home Delivery.&gt;&gt;     }     class PhoneNumber {         &lt;&lt;Required for Date Certain and Appointment Home Delivery.&gt;&gt;     }      HomeDeliveryPremiumDetail --&gt; HomeDeliveryPremiumType :      HomeDeliveryPremiumDetail --&gt; Date :      HomeDeliveryPremiumDetail --&gt; PhoneNumber :   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:HomeDeliveryPremiumType ns1:Date ns1:PhoneNumber
annotation	<p>documentation</p> <p>The descriptive data required by FedEx for home delivery services.</p>
source	<pre> &lt;xsd:complexType name="HomeDeliveryPremiumDetail"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;The descriptive data required by FedEx for home delivery services.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="HomeDeliveryPremiumType" type="ns:HomeDeliveryPremiumType" minOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;The type of Home Delivery Premium service being requested.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Date" type="xs:date" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Required for Date Certain Home Delivery.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="PhoneNumber" type="xs:string" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Required for Date Certain and Appointment Home Delivery.&lt;/xsd:documentation&gt;         &lt;xsd:appinfo&gt;           &lt;xsd:MaxLength&gt;15&lt;/xsd:MaxLength&gt;         &lt;/xsd:appinfo&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

#### complexType InternationalControlledExportDetail

diagram

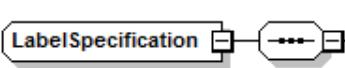
	<pre> classDiagram     class InternationalControlledExportDetail {         &lt;&gt; ns1&gt;Type         &lt;&gt; ns1&gt;ForeignTradeZoneCode         &lt;&gt; ns1&gt;EntryNumber         &lt;&gt; ns1&gt;LicenseOrPermitNumber         &lt;&gt; ns1&gt;LicenseOrPermitExpirationDate     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1>Type ns1>ForeignTradeZoneCode ns1>EntryNumber ns1>LicenseOrPermitNumber ns1>LicenseOrPermitExpirationDate
source	<pre> &lt;xss:complexType name="InternationalControlledExportDetail"&gt;     &lt;xss:sequence&gt;         &lt;xss:element name="Type" type="ns:InternationalControlledExportType" minOccurs="1"/&gt;         &lt;xss:element name="ForeignTradeZoneCode" type="xs:string" minOccurs="0"/&gt;         &lt;xss:element name="EntryNumber" type="xs:string" minOccurs="0"/&gt;         &lt;xss:element name="LicenseOrPermitNumber" type="xs:string" minOccurs="0"/&gt;         &lt;xss:element name="LicenseOrPermitExpirationDate" type="xs:date" minOccurs="0"/&gt;     &lt;/xss:sequence&gt; &lt;/xss:complexType&gt; </pre>

#### complexType InternationalTrafficInArmsRegulationsDetail

diagram	<pre> classDiagram     class InternationalTrafficInArmsRegulationsDetail {         &lt;&gt; ns1&gt;LicenseOrExemptionNumber     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1>LicenseOrExemptionNumber
source	<pre> &lt;xss:complexType name="InternationalTrafficInArmsRegulationsDetail"&gt;     &lt;xss:sequence&gt;         &lt;xss:element name="LicenseOrExemptionNumber" type="xs:string" minOccurs="0"/&gt;     &lt;/xss:sequence&gt; &lt;/xss:complexType&gt; </pre>

#### complexType LabelSpecification

diagram	
---------	--

	<p><b>ns1:Dispositions</b> type ns:ShippingDocumentDisposition...</p> <p>0..∞</p> <p>Specifies how to create, organize, and return the document.</p>
	<p><b>ns1:LabelFormatType</b> type ns:LabelFormatType</p> <p>Specify type of label to be returned</p>
	<p><b>ns1:ImageType</b> type ns:ShippingDocumentImageType</p> <p>Specifies the image format used for a shipping document.</p>
	<p><b>ns1:LabelStockType</b> type ns:LabelStockType</p> <p>For thermal printer labels this indicates the size of the label and the location of the doc tab if present.</p>
<b>LabelSpecification</b>	 <p>Description of shipping label to be returned in the reply</p>
	<p><b>ns1:LabelPrintingOrientation</b> type ns:LabelPrintingOrientationType</p> <p>This indicates if the top or bottom of the label comes out of the printer first.</p>
	<p><b>ns1:LabelOrder</b> type ns:LabelOrderType</p> <p>Specifies the order in which the labels are requested to be returned</p>
	<p><b>ns1:PrintedLabelOrigin</b> type ns&gt;ContactAndAddress</p> <p>If present, this contact and address information will replace the return address information on the label.</p>
	<p><b>ns1:CustomerSpecifiedDetail</b> type ns:CustomerSpecifiedLabelDetail</p> <p>Allows customer-specified control of label content.</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Dispositions ns1:LabelFormatType ns1:ImageType ns1:LabelStockType ns1:LabelPrintingOrientation ns1:LabelOrder ns1:PrintedLabelOrigin ns1:CustomerSpecifiedDetail
annotation	<p>documentation</p> <p>Description of shipping label to be returned in the reply</p>
source	<pre>&lt;xs:complexType name="LabelSpecification"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of shipping label to be returned in the reply&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Dispositions" type="ns:ShippingDocumentDispositionDetail" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how to create, organize, and return the document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="LabelFormatType" type="ns:LabelFormatType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specify type of label to be returned&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;</pre>

```

</xs:annotation>
</xs:element>
<xs:element name="ImageType" type="ns:ShippingDocumentImageType" minOccurs="0">
<xs:annotation>
<xs:documentation>Specifies the image format used for a shipping document.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="LabelStockType" type="ns:LabelStockType" minOccurs="0">
<xs:annotation>
<xs:documentation>For thermal printer labels this indicates the size of the label and the location of the doc tab if present.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="LabelPrintingOrientation" type="ns:LabelPrintingOrientationType" minOccurs="0">
<xs:annotation>
<xs:documentation>This indicates if the top or bottom of the label comes out of the printer first.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="LabelOrder" type="ns:LabelOrderType" minOccurs="0">
<xs:annotation>
<xs:documentation>Specifies the order in which the labels are requested to be returned</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="PrintedLabelOrigin" type="ns>ContactAndAddress" minOccurs="0">
<xs:annotation>
<xs:documentation>If present, this contact and address information will replace the return address information on the label.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CustomerSpecifiedDetail" type="ns:CustomerSpecifiedLabelDetail" minOccurs="0">
<xs:annotation>
<xs:documentation>Allows customer-specified control of label content.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType LiabilityCoverageDetail

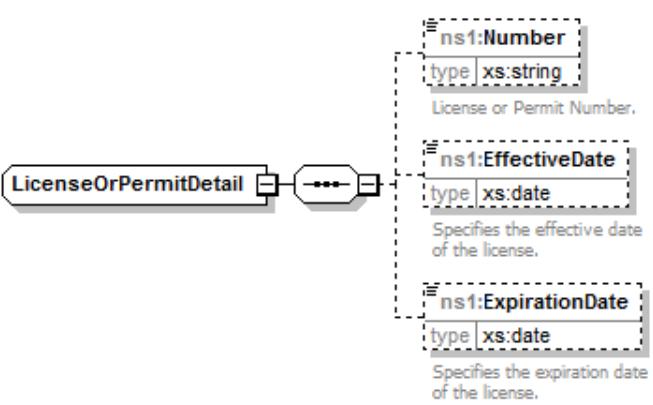
diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Cov... (CoverageType) ns1:Cov... (CoverageAmount)
source	<pre> &lt;xs:complexType name="LiabilityCoverageDetail"&gt; &lt;xs:sequence&gt; &lt;xs:element name="CoverageType" type="ns:LiabilityCoverageType" minOccurs="0"/&gt; </pre>

```

<xs:element name="CoverageAmount" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the Liability Coverage Amount. For Jan 2010 this value represents coverage amount per pound.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType LicenseOrPermitDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Number ns1:EffectiveDate ns1:ExpirationDate
source	<pre> &lt;xs:complexType name="LicenseOrPermitDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Number" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;License or Permit Number.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="EffectiveDate" type="xs:date" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the effective date of the license.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ExpirationDate" type="xs:date" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the expiration date of the license.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType LinearMeasure

diagram	
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	<p><b>LinearMeasure</b></p> <p>Represents a one-dimensional measurement in small units (e.g. suitable for measuring a package or document), contrasted with Distance, which represents a large one-dimensional measurement (e.g. distance between cities).</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:Value ns1:Units</b>
annotation	<p>documentation</p> <p>Represents a one-dimensional measurement in small units (e.g. suitable for measuring a package or document), contrasted with Distance, which represents a large one-dimensional measurement (e.g. distance between cities).</p>
source	<pre>&lt;xs:complexType name="LinearMeasure"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Represents a one-dimensional measurement in small units (e.g. suitable for measuring a package or document), contrasted with Distance, which represents a large one-dimensional measurement (e.g. distance between cities).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Value" type="xs:decimal" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The numerical quantity of this measurement.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Units" type="ns:LinearUnits" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The units for this measurement.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### complexType Localization

diagram	<p><b>Localization</b></p> <p>Identifies the representation of human-readable text.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:LanguageCode ns1:LocaleCode</b>
annotation	<p>documentation</p> <p>Identifies the representation of human-readable text.</p>
source	<pre>&lt;xs:complexType name="Localization"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the representation of human-readable text.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="LanguageCode" type="xs:string"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Two-letter code for language (e.g. EN, FR, etc.)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="LocaleCode" type="xs:string"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Two-letter code for the region (e.g. us, ca, etc.).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

```

</xs:annotation>
<xs:sequence>
  <xs:element name="LanguageCode" type="xs:string" minOccurs="1">
    <xs:annotation>
      <xs:documentation>Two-letter code for language (e.g. EN, FR, etc.)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LocaleCode" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Two-letter code for the region (e.g. us, ca, etc.).</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType Measure

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Quantity ns1:Units
source	<pre> &lt;xs:complexType name="Measure"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Quantity" type="xs:decimal" minOccurs="0"/&gt;     &lt;xs:element name="Units" type="xs:string" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType Money

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Currency ns1:Amount
annotation	<p>documentation The descriptive data for the medium of exchange for FedEx services.</p>
source	<pre> &lt;xs:complexType name="Money"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The descriptive data for the medium of exchange for FedEx services.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```

<xs:element name="Currency" type="xs:string" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Identifies the currency of the monetary amount.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>3</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
<xs:element name="Amount" type="xs:decimal" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Identifies the monetary amount.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType NaftaCertificateOfOriginDetail

diagram	<pre> classDiagram     class NaftaCertificateOfOriginDetail {         &lt;&lt;Data required to produce a Certificate of Origin document. Remaining content (business data) to be defined once requirements have been completed.&gt;&gt;     }     class ns1:Format {         &lt;&lt;type ns:ShippingDocumentFormat&gt;&gt;     }     class ns1:BlanketPeriod {         &lt;&lt;type ns:DateRange&gt;&gt;     }     class ns1:ImporterSpecification {         &lt;&lt;type ns:NaftaImporterSpecificationType&gt;&gt;     }     class ns1:SignatureContact {         &lt;&lt;type ns&gt;Contact&gt;&gt;     }     class ns1:ProducerSpecification {         &lt;&lt;type ns:NaftaProducerSpecificationT...&gt;&gt;     }     class ns1:Producers {         &lt;&lt;type ns:NaftaProducer&gt;&gt;         0..∞     }     class ns1:CustomerImageUsages {         &lt;&lt;type ns:CustomerImageUsage&gt;&gt;         0..∞     }      NaftaCertificateOfOriginDetail &lt;--&gt; Format     NaftaCertificateOfOriginDetail &lt;--&gt; BlanketPeriod     NaftaCertificateOfOriginDetail &lt;--&gt; ImporterSpecification     NaftaCertificateOfOriginDetail &lt;--&gt; SignatureContact     NaftaCertificateOfOriginDetail &lt;--&gt; ProducerSpecification     NaftaCertificateOfOriginDetail &lt;--&gt; Producers     NaftaCertificateOfOriginDetail &lt;--&gt; CustomerImageUsages </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Format ns1:BlanketPeriod ns1:ImporterSpecification ns1:SignatureContact ns1:ProducerSpecification ns1:Producers ns1:CustomerImageUsages
annotation	<p>documentation</p> <p>Data required to produce a Certificate of Origin document. Remaining content (business data) to be defined once requirements have been completed.</p>
source	<pre> &lt;xs:complexType name="NaftaCertificateOfOriginDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Data required to produce a Certificate of Origin document. Remaining content (business data) to be defined once requirements have been completed.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:complexType&gt; </pre>

```

<xs:sequence>
  <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"/>
  <xs:element name="BlanketPeriod" type="ns:DateRange" minOccurs="0"/>
  <xs:element name="ImporterSpecification" type="ns:NaftaImporterSpecificationType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Indicates which Party (if any) from the shipment is to be used as the source of importer data on the NAFTA COO form.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SignatureContact" type="ns>Contact" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Contact information for "Authorized Signature" area of form.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ProducerSpecification" type="ns:NaftaProducerSpecificationType" minOccurs="0"/>
  <xs:element name="Producers" type="ns:NaftaProducer" minOccurs="0" maxOccurs="unbounded"/>
  <xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>

```

#### complexType NaftaCommodityDetail

diagram	<p>The diagram illustrates the structure of the <code>NaftaCommodityDetail</code> complex type. It consists of a sequence of four elements: <code>PreferenceCriterion</code>, <code>ProducerDetermination</code>, <code>ProducerId</code>, and <code>NetCostMethod</code>. Each element is represented by a dashed box containing its name and type. The <code>NaftaCommodityDetail</code> element itself is also shown with a note indicating it is currently not supported and is for future use.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<code>ns1:PreferenceCriterion ns1:ProducerDetermination ns1:ProducerId ns1:NetCostMethod ns1:NetCostDateRange</code>
annotation	<p>documentation</p> <p>This element is currently not supported and is for the future use.</p>
source	<pre> &lt;xs:complexType name="NaftaCommodityDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element is currently not supported and is for the future use.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="PreferenceCriterion" type="ns:NaftaPreferenceCriterionCode" minOccurs="0"&gt;       &lt;xs:annotation&gt; </pre>

```

<xs:documentation>Defined by NAFTA regulations.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ProducerDetermination" type="ns:NaftaProducerDeterminationCode" minOccurs="0">
<xs:annotation>
<xs:documentation>Defined by NAFTA regulations.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ProducerId" type="xs:string" minOccurs="0">
<xs:annotation>
<xs:documentation>Identification of which producer is associated with this commodity (if multiple producers are used in a single shipment).</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="NetCostMethod" type="ns:NaftaNetCostMethodCode" minOccurs="0"/>
<xs:element name="NetCostDateRange" type="ns:DateRange" minOccurs="0">
<xs:annotation>
<xs:documentation>Date range over which RVC net cost was calculated.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType NaftaLowValueStatementDetail

diagram	<p>NaftaLowValueStatementDetail — ns1:Role      Specifies the information necessary for printing the NAFTA Low Value statement on customs documentation.</p> <p>ns1:Role      type ns:CustomsRoleType      Specifies the NAFTA statement role.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:Role</b>
annotation	<p>documentation      Specifies the information necessary for printing the NAFTA Low Value statement on customs documentation.</p>
source	<pre> &lt;xs:complexType name="NaftaLowValueStatementDetail"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Specifies the information necessary for printing the NAFTA Low Value statement on customs documentation.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt; &lt;xs:element name="Role" type="ns:CustomsRoleType" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Specifies the NAFTA statement role.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType NaftaProducer

diagram

	<pre> graph LR     NP[NaftaProducer] --- ---&gt; id["ns1:id&lt;br&gt;type xs:string"]     NP --- ---&gt; Producer["ns1:Producer&lt;br&gt;type ns:Party"] </pre> <p>This element is currently not supported and is for the future use.</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:id ns1:Producer
annotation	<p>documentation</p> <p>This element is currently not supported and is for the future use.</p>
source	<pre> &lt;xss:complexType name="NaftaProducer"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;This element is currently not supported and is for the future use.&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:sequence&gt;     &lt;xss:element name="Id" type="xs:string" minOccurs="0"/&gt;     &lt;xss:element name="Producer" type="ns:Party" minOccurs="0"/&gt;   &lt;/xss:sequence&gt; &lt;/xss:complexType&gt; </pre>

#### complexType NetExplosiveDetail

diagram	<pre> graph LR     NED[NetExplosiveDetail] --- ---&gt; Type["ns1&gt;Type&lt;br&gt;type ns:NetExplosiveClassificationType"]     NED --- ---&gt; Amount["ns1:Amount&lt;br&gt;type xs:decimal"]     NED --- ---&gt; Units["ns1:Units&lt;br&gt;type xs:string"] </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1>Type ns1:Amount ns1:Units
source	<pre> &lt;xss:complexType name="NetExplosiveDetail"&gt;   &lt;xss:sequence&gt;     &lt;xss:element name="Type" type="ns:NetExplosiveClassificationType" minOccurs="0"/&gt;     &lt;xss:element name="Amount" type="xs:decimal" minOccurs="0"/&gt;     &lt;xss:element name="Units" type="xs:string" minOccurs="0"/&gt;   &lt;/xss:sequence&gt; &lt;/xss:complexType&gt; </pre>

#### complexType Notification

diagram	
---------	--

	<p><b>ns1:Severity</b> type ns:NotificationSeverityType</p> <p>The severity of this notification. This can indicate success or failure or some other information about the request. The values that can be returned are SUCCESS - Your transaction succeeded with no other applicable information. NOTE - Additional information that may be of interest to you about your transaction. WARNING - Additional information that you need to know about your transaction that you may need to take action on. ERROR - Information about an error that occurred while processing your transaction. FAILURE - FedEx was unable to process your transaction at this time due to a system failure. Please try again later</p> <p><b>ns1:Source</b> type xs:string</p> <p>Indicates the source of this notification. Combined with the Code it uniquely identifies this notification</p> <p><b>ns1:Code</b> type xs:string</p> <p>A code that represents this notification. Combined with the Source it uniquely identifies this notification.</p> <p><b>ns1:Message</b> type xs:string</p> <p>Human-readable text that explains this notification.</p> <p><b>ns1:LocalizedMessage</b> type xs:string</p> <p>The translated message. The language and locale specified in the ClientDetail. Localization are used to determine the representation. Currently only supported in a TrackReply.</p> <p><b>ns1:MessageParameters</b> type ns:NotificationParameter 0..∞</p> <p>A collection of name/value pairs that provide specific data to help the client determine the nature of an error (or warning, etc.) without having to parse the message string.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:Severity ns1:Source ns1:Code ns1:Message ns1:LocalizedMessage ns1:MessageParameters</b>
annotation	<p>documentation</p> <p>The descriptive data regarding the result of the submitted transaction.</p>
source	<pre>&lt;xs:complexType name="Notification"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;The descriptive data regarding the result of the submitted transaction.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt;   &lt;xs:element name="Severity" type="ns:NotificationSeverityType" minOccurs="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;The severity of this notification. This can indicate success or failure or some other information about the request. The values that can be returned are SUCCESS - Your transaction succeeded with no other applicable information. </pre>

NOTE - Additional information that may be of interest to you about your transaction. WARNING - Additional information that you need to know about your transaction that you may need to take action on. ERROR - Information about an error that occurred while processing your transaction. FAILURE - FedEx was unable to process your transaction at this time due to a system failure. Please try again later

```

</xs:annotation>
</xs:element>
<xs:element name="Source" type="xs:string" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Indicates the source of this notification. Combined with the Code it uniquely identifies this notification</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Code" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>A code that represents this notification. Combined with the Source it uniquely identifies this notification.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Message" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Human-readable text that explains this notification.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LocalizedMessage" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The translated message. The language and locale specified in the ClientDetail. Localization are used to determine the representation. Currently only supported in a TrackReply.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MessageParameters" type="ns:NotificationParameter" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A collection of name/value pairs that provide specific data to help the client determine the nature of an error (or warning, etc.) without having to parse the message string.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

#### complexType NotificationParameter

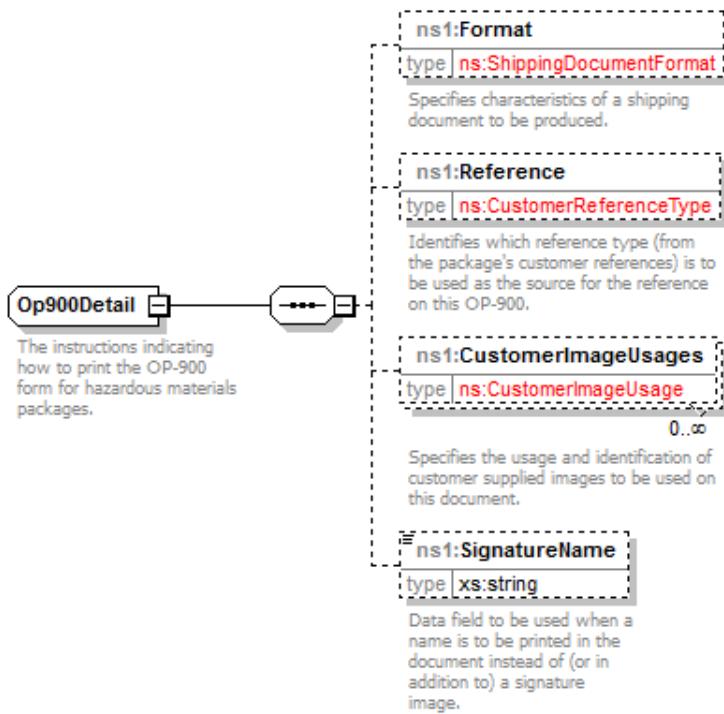
diagram	
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:id ns1:value</b>

source

```
<xs:complexType name="NotificationParameter">
  <xs:sequence>
    <xs:element name="Id" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the type of data contained in Value (e.g. SERVICE_TYPE, PACKAGE_SEQUENCE, etc.).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Value" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The value of the parameter (e.g. PRIORITY_OVERNIGHT, 2, etc.).</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

### complexType Op900Detail

diagram



namespace

<http://fedex.com/ws/ship/v17>

children

`ns1:Format ns1:Reference ns1:CustomerImageUsages ns1:SignatureName`

annotation

documentation

The instructions indicating how to print the OP-900 form for hazardous materials packages.

source

```
<xs:complexType name="Op900Detail">
  <xs:annotation>
    <xs:documentation>The instructions indicating how to print the OP-900 form for hazardous materials packages.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies characteristics of a shipping document to be produced.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
```

```

</xs:element>
<xs:element name="Reference" type="ns:CustomerReferenceType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies which reference type (from the package's customer references) is to be used as the source for the reference on this OP-900.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Specifies the usage and identification of customer supplied images to be used on this document.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SignatureName" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Data field to be used when a name is to be printed in the document instead of (or in addition to) a signature image.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType OperationalInstruction

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Number ns1:Content
source	<pre> &lt;xs:complexType name="OperationalInstruction"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Number" type="xs:int" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Position of operational instruction element.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Content" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Content corresponding to the operational instruction.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType PackageBarcodes

diagram

	<pre> classDiagram     class PackageBarcodes {         &lt;&lt;Each instance of this data type represents the set of barcodes (of all types) which are associated with a specific package.&gt;&gt;     }     class ns1:BinaryBarcodes {         &lt;&lt;Binary-style barcodes for this package.&gt;&gt;     }     class ns1:StringBarcodes {         &lt;&lt;String-style barcodes for this package.&gt;&gt;     }      PackageBarcodes "0..&gt;" ns1:BinaryBarcodes     PackageBarcodes "0..&gt;" ns1:StringBarcodes </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:BinaryBarcodes ns1:StringBarcodes
annotation	<p>documentation</p> <p>Each instance of this data type represents the set of barcodes (of all types) which are associated with a specific package.</p>
source	<pre> &lt;xs:complexType name="PackageBarcodes"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Each instance of this data type represents the set of barcodes (of all types) which are associated with a specific package.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="BinaryBarcodes" type="ns:BinaryBarcode" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Binary-style barcodes for this package.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="StringBarcodes" type="ns:StringBarcode" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;String-style barcodes for this package.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

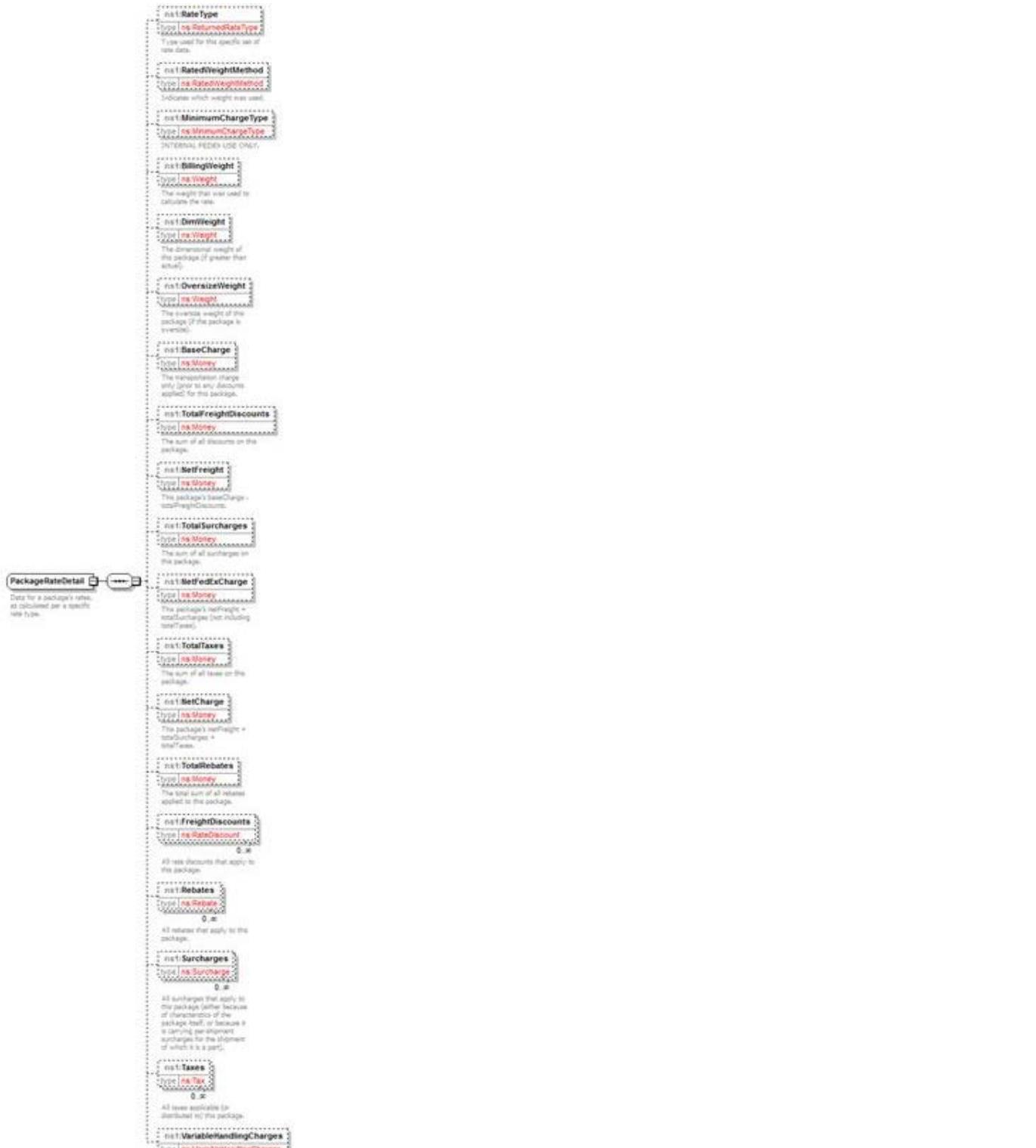
#### complexType PackageOperationalDetail

diagram

	<pre> classDiagram     class PackageOperationalDetail {         ns1:AstraHandlingText         ns1:OperationalInstructions         ns1:Barcodes         ns1:GroundServiceCode     }     packageOperationalDetail "1" --&gt; "0..&lt;unbounded&gt;" operationalInstructions     packageOperationalDetail "1" --&gt; "0..&lt;unbounded&gt;" barcodes </pre> <p><b>PackageOperationalDetail</b></p> <p>Package-level data required for labeling and/or movement.</p> <ul style="list-style-type: none"> <li><b>ns1:AstraHandlingText</b> type <code>xs:string</code> Human-readable text for pre-January 2011 clients.</li> <li><b>ns1:OperationalInstructions</b> type <code>ns:OperationalInstruction</code> 0..∞ Human-readable content for use on a label.</li> <li><b>ns1:Barcodes</b> type <code>ns:PackageBarcodes</code> The operational barcodes pertaining to the current package.</li> <li><b>ns1:GroundServiceCode</b> type <code>xs:string</code> The FedEx internal code that represents the service and/or features of service for the current package moving under a FedEx Ground service.</li> </ul>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:AstraHandlingText ns1:OperationalInstructions ns1:Barcodes ns1:GroundServiceCode</b>
annotation	<p>documentation</p> <p>Package-level data required for labeling and/or movement.</p>
source	<pre> &lt;xs:complexType name="PackageOperationalDetail"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Package-level data required for labeling and/or movement.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="AstraHandlingText" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Human-readable text for pre-January 2011 clients.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="OperationalInstructions" type="ns:OperationalInstruction" minOccurs="0" maxOccurs="unbounded"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Human-readable content for use on a label.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Barcodes" type="ns:PackageBarcodes" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;The operational barcodes pertaining to the current package.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="GroundServiceCode" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;The FedEx internal code that represents the service and/or features of service for the current package moving under a FedEx Ground service.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

complexType **PackageRateDetail**

diagram



namespace <http://fedex.com/ws/ship/v17>

children **ns1:RateType** **ns1:RatedWeightMethod** **ns1:MinimumChargeType** **ns1:BillingWeight** **ns1:DimWeight** **ns1:OversizeWeight** **ns1:BaseCharge** **ns1:TotalFreightDiscounts** **ns1:NetFreight** **ns1:TotalSurcharges** **ns1:NetFedExCharge** **ns1:TotalTaxes** **ns1:NetCharge** **ns1:TotalRebates** **ns1:FreightDiscounts** **ns1:Rebates** **ns1:Surcharges** **ns1:Taxes** **ns1:VariableHandlingCharges**

annotation documentation  
Data for a package's rates, as calculated per a specific rate type.

source <**xs:complexType name="PackageRateDetail">**  
<**xs:annotation>**

```
<xs:documentation>Data for a package's rates, as calculated per a specific rate type.</xs:documentation>
</xs:annotation>
<xs:sequence>
  <xs:element name="RateType" type="ns:ReturnedRateType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Type used for this specific set of rate data.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="RatedWeightMethod" type="ns:RatedWeightMethod" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Indicates which weight was used.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="MinimumChargeType" type="ns:MinimumChargeType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>INTERNAL FEDEX USE ONLY.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="BillingWeight" type="ns:Weight" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The weight that was used to calculate the rate.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DimWeight" type="ns:Weight" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The dimensional weight of this package (if greater than actual).</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="OversizeWeight" type="ns:Weight" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The oversize weight of this package (if the package is oversize).</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="BaseCharge" type="ns:Money" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The transportation charge only (prior to any discounts applied) for this package.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TotalFreightDiscounts" type="ns:Money" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The sum of all discounts on this package.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="NetFreight" type="ns:Money" minOccurs="0">
    <xs:annotation>
      <xs:documentation>This package's baseCharge - totalFreightDiscounts.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TotalSurcharges" type="ns:Money" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The sum of all surcharges on this package.</xs:documentation>
    </xs:annotation>
  </xs:element>
```

```

</xs:element>
<xs:element name="NetFedExCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This package's netFreight + totalSurcharges (not including totalTaxes).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalTaxes" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The sum of all taxes on this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="NetCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This package's netFreight + totalSurcharges + totalTaxes.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalRebates" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total sum of all rebates applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FreightDiscounts" type="ns:RateDiscount" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All rate discounts that apply to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Rebates" type="ns:Rebate" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All rebates that apply to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Surcharges" type="ns:Surcharge" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All surcharges that apply to this package (either because of characteristics of the package itself, or because it is carrying per-shipment surcharges for the shipment of which it is a part).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Taxes" type="ns:Tax" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All taxes applicable (or distributed to) this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VariableHandlingCharges" type="ns:VariableHandlingCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The variable handling charges calculated based on the type variable handling charges requested.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### complexType PackageRating

diagram	<p>This class groups together for a single package all package-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.</p> <p><b>ns1:ActualRateType</b> type ns:ReturnedRateType This rate type identifies which entry in the following array is considered as presenting the "actual" rates for the package.</p> <p><b>ns1:EffectiveNetDiscount</b> type ns:Money The "list" net charge minus "actual" net charge.</p> <p><b>ns1:PackageRateDetails</b> type ns:PackageRateDetail 0..∞ Each element of this field provides package-level rate data for a specific rate type.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:ActualRateType ns1:EffectiveNetDiscount ns1:PackageRateDetails</b>
annotation	<p>documentation</p> <p>This class groups together for a single package all package-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.</p>
source	<pre> &lt;xs:complexType name="PackageRating"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This class groups together for a single package all package-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ActualRateType" type="ns:ReturnedRateType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;This rate type identifies which entry in the following array is considered as presenting the "actual" rates for the package.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="EffectiveNetDiscount" type="ns:Money" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The "list" net charge minus "actual" net charge.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="PackageRateDetails" type="ns:PackageRateDetail" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Each element of this field provides package-level rate data for a specific rate type.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### complexType PackageSpecialServicesRequested

diagram	
---------	--

	<pre> classDiagram     class PackageSpecialServicesRequested {         ns1:SpecialServiceTypes         ns1:CodDetail         ns1:DangerousGoodsDetail         ns1:DryIceWeight         ns1:SignatureOptionDetail         ns1:PriorityAlertDetail         ns1:AlcoholDetail     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:SpecialServiceTypes</b> <b>ns1:CodDetail</b> <b>ns1:DangerousGoodsDetail</b> <b>ns1:DryIceWeight</b> <b>ns1:SignatureOptionDetail</b> <b>ns1:PriorityAlertDetail</b> <b>ns1:AlcoholDetail</b>
annotation	<p>documentation</p> <p>These special services are available at the package level for some or all service types. If the shipper is requesting a special service which requires additional data, the package special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object below.</p>
source	<pre> &lt;xs:complexType name="PackageSpecialServicesRequested"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;These special services are available at the package level for some or all service types. If the shipper is requesting a special service which requires additional data, the package special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object below.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>

```

<xs:sequence>
  <xs:element name="SpecialServiceTypes" type="ns:PackageSpecialServiceType" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>The types of all special services requested for the enclosing shipment or package.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CodDetail" type="ns:CodDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>For use with FedEx Ground services only; COD must be present in shipment's special services.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DangerousGoodsDetail" type="ns:DangerousGoodsDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Descriptive data required for a FedEx shipment containing dangerous materials. This element is required when SpecialServiceType.DANGEROUS_GOODS or HAZARDOUS_MATERIAL is present in the SpecialServiceTypes collection.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DryIceWeight" type="ns:Weight" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Descriptive data required for a FedEx shipment containing dry ice. This element is required when SpecialServiceType.DRY_ICE is present in the SpecialServiceTypes collection.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SignatureOptionDetail" type="ns:SignatureOptionDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The descriptive data required for FedEx signature services. This element is required when SpecialServiceType.SIGNATURE_OPTION is present in the SpecialServiceTypes collection.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PriorityAlertDetail" type="ns:PriorityAlertDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The descriptive data required for FedEx Priority Alert service. This element is required when SpecialServiceType.PRIORITY_ALERT is present in the SpecialServiceTypes collection.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="AlcoholDetail" type="ns:AlcoholDetail" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

#### complexType **Party**

diagram

	<pre> classDiagram     class Party {         &lt;&lt;The descriptive data for a person or company entity doing business with FedEx.&gt;&gt;     }     class ns1 {         AccountNumber {             type xs:string             &lt;&lt;Identifies the FedEx account number assigned to the customer.&gt;&gt;         }         Tins {             type ns:TaxpayerIdentification             &lt;&lt;0..∞&gt;&gt;         }         Contact {             type ns&gt;Contact             &lt;&lt;Descriptive data identifying the point-of-contact person.&gt;&gt;         }         Address {             type ns:Address             &lt;&lt;The descriptive data for a physical location.&gt;&gt;         }     }     Party --&gt; ns1:AccountNumber     Party --&gt; ns1:Tins     Party --&gt; ns1:Contact     Party --&gt; ns1:Address   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:AccountNumber ns1:Tins ns1:Contact ns1:Address
annotation	<p>documentation</p> <p>The descriptive data for a person or company entity doing business with FedEx.</p>
source	<pre> &lt;xsd:complexType name="Party"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;The descriptive data for a person or company entity doing business with FedEx.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="AccountNumber" type="xsd:string" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Identifies the FedEx account number assigned to the customer.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;       &lt;xsd:appinfo&gt;         &lt;xsd:MaxLength&gt;12&lt;/xsd:MaxLength&gt;       &lt;/xsd:appinfo&gt;     &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Tins" type="ns:TaxpayerIdentification" minOccurs="0" maxOccurs="unbounded"&gt;     &lt;xsd:element name="Contact" type="ns&gt;Contact" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Descriptive data identifying the point-of-contact person.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Address" type="ns:Address" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;The descriptive data for a physical location.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

## complexType Payment

diagram

	<p><b>Payment</b></p> <p>The descriptive data for the monetary compensation given to FedEx for services rendered to the customer.</p> <p><b>ns1:PaymentType</b> Identifies the method of payment for a service. See PaymentType for list of valid enumerated values.</p> <p><b>ns1:Payor</b> Descriptive data identifying the party responsible for payment for a service.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:PaymentType</b> <b>ns1:Payor</b>
annotation	<p>documentation</p> <p>The descriptive data for the monetary compensation given to FedEx for services rendered to the customer.</p>
source	<pre>&lt;xs:complexType name="Payment"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The descriptive data for the monetary compensation given to FedEx for services rendered to the customer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="PaymentType" type="ns:PaymentType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the method of payment for a service. See PaymentType for list of valid enumerated values.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Payor" type="ns:Payor" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data identifying the party responsible for payment for a service.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### complexType Payor

diagram	<p><b>Payor</b></p> <p>The descriptive data identifying the party responsible for payment for a service.</p> <p><b>ns1:ResponsibleParty</b> type ns:Party</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:ResponsibleParty</b>
annotation	<p>documentation</p> <p>The descriptive data identifying the party responsible for payment for a service.</p>
source	<pre>&lt;xs:complexType name="Payor"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The descriptive data identifying the party responsible for payment for a service.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ResponsibleParty" type="ns:Party" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType PendingShipmentAccessDetail

diagram	<p>This information describes how and when a pending shipment may be accessed for completion.</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:AccessorDetails
annotation	<p>documentation</p> <p>This information describes how and when a pending shipment may be accessed for completion.</p>
source	<pre>&lt;xs:complexType name="PendingShipmentAccessDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This information describes how and when a pending shipment may be accessed for completion.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="AccessorDetails" type="ns:PendingShipmentAccessorD..." minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType PendingShipmentAccessorDetail

diagram	<p>Specifies the details to be used by the user of the pending shipment</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Role ns1:UserId ns1>Password ns1:EmailLabelUrl
annotation	<p>documentation</p> <p>Specifies the details to be used by the user of the pending shipment</p>
source	<pre>&lt;xs:complexType name="PendingShipmentAccessorDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the details to be used by the user of the pending shipment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Role" type="ns:AccessorRoleType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the role of the user who is trying to access the pending shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="UserId" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="Password" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="EmailLabelUrl" type="xs:string" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

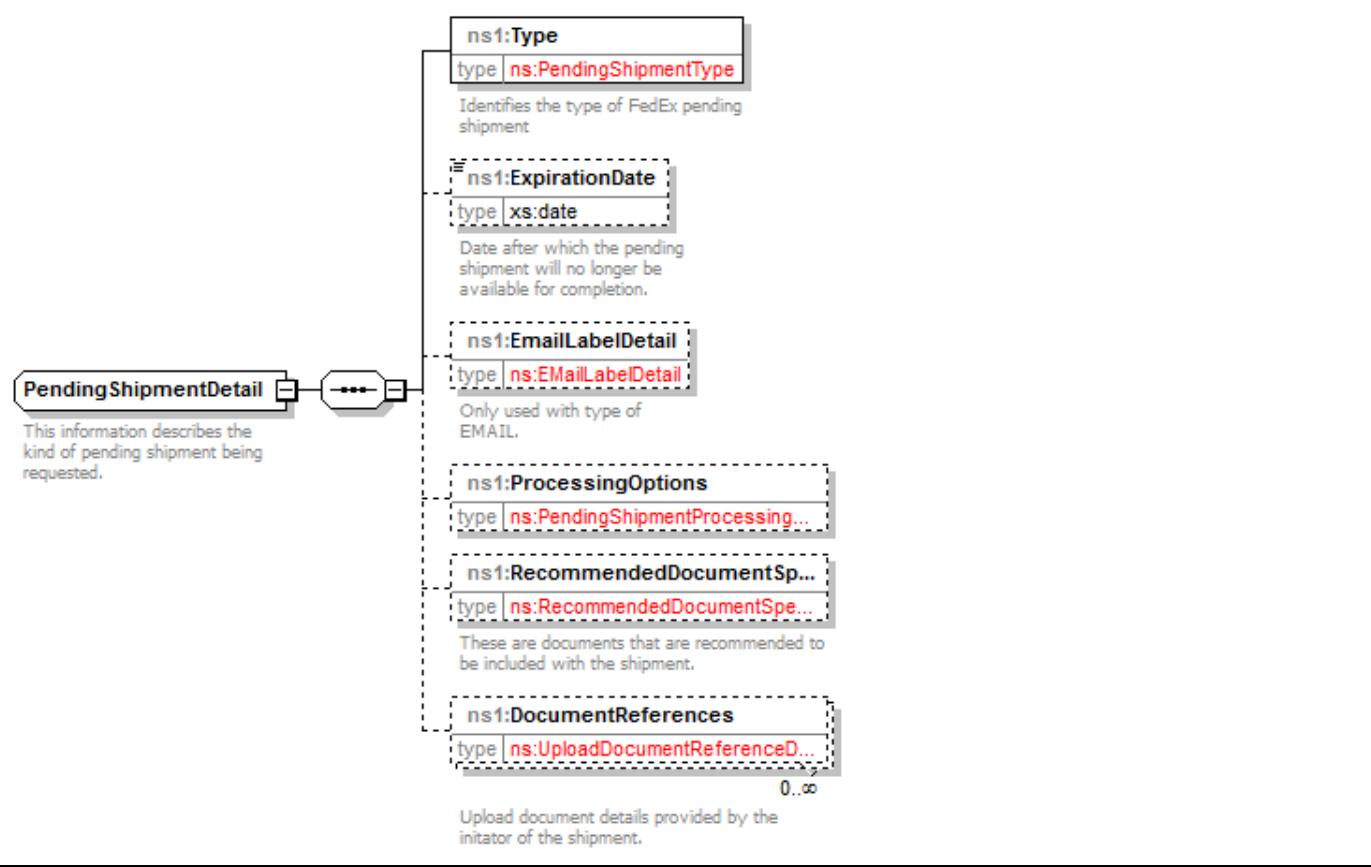
```

<xs:element name="EmailLabelUrl" type="xs:string" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

complexType PendingShipmentDetail

diagram



namespace http://fedex.com/ws/ship/v17

children ns1>Type ns1>:ExpirationDate ns1>EmailLabelDetail ns1>:ProcessingOptions ns1>:RecommendedDocumentSpecification  
ns1>:DocumentReferences

annotation documentation  
This information describes the kind of pending shipment being requested.

```

<xs:complexType name="PendingShipmentDetail">
  <xs:annotation>
    <xs:documentation>This information describes the kind of pending shipment being requested.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Type" type="ns:PendingShipmentType" minOccurs="1">
      <xs:annotation>
        <xs:documentation>Identifies the type of FedEx pending shipment</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ExpirationDate" type="xs:date" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Date after which the pending shipment will no longer be available for completion.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="EmailLabelDetail" type="ns:EMailLabelDetail" minOccurs="0">
      <xs:annotation>

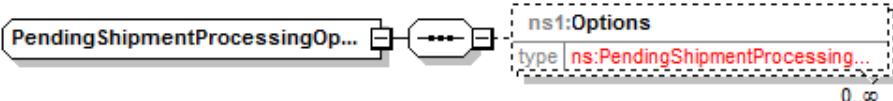
```

```

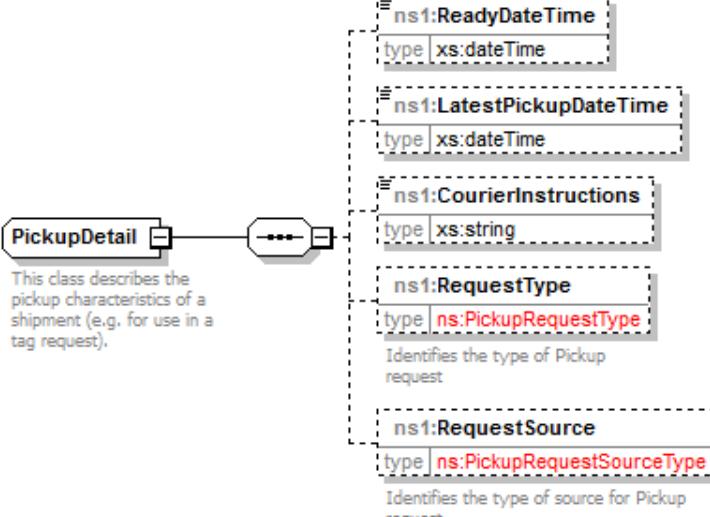
<xs:documentation>Only used with type of EMAIL.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ProcessingOptions" type="ns:PendingShipmentProcessingOptionsRequested" minOccurs="0"/>
<xs:element name="RecommendedDocumentSpecification" type="ns:RecommendedDocumentSpecification"
minOccurs="0">
<xs:annotation>
  <xs:documentation>These are documents that are recommended to be included with the shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="DocumentReferences" type="ns:UploadDocumentReferenceDetail" minOccurs="0"
maxOccurs="unbounded">
<xs:annotation>
  <xs:documentation>Upload document details provided by the initiator of the shipment.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType PendingShipmentProcessingOptionsRequested

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Options
source	<pre> &lt;xs:complexType name="PendingShipmentProcessingOptionsRequested"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Options" type="ns:PendingShipmentProcessingOptionType" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType PickupDetail

diagram	
namespace	http://fedex.com/ws/ship/v17

children	<code>ns1:ReadyDateTime ns1:LatestPickupDateTime ns1:CourierInstructions ns1:RequestType ns1:RequestSource</code>
annotation	<p>documentation This class describes the pickup characteristics of a shipment (e.g. for use in a tag request).</p>
source	<pre>&lt;xs:complexType name="PickupDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This class describes the pickup characteristics of a shipment (e.g. for use in a tag request).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ReadyDateTime" type="xs:dateTime" minOccurs="0"/&gt;     &lt;xs:element name="LatestPickupDateTime" type="xs:dateTime" minOccurs="0"/&gt;     &lt;xs:element name="CourierInstructions" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="RequestType" type="ns:PickupRequestType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the type of Pickup request&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="RequestSource" type="ns:PickupRequestSourceType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the type of source for Pickup request&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType	<b>PrintedReference</b>
diagram	<pre> classDiagram     PrintedReference --&gt; ns1:Type     ns1:Type --&gt; ns:PrintedReferenceType     ns1:Type --&gt; ns1:Value     ns1:Value --&gt; xs:string   </pre> <p>Represents a reference identifier printed on Freight bills of lading</p>
namespace	<code>http://fedex.com/ws/ship/v17</code>
children	<code>ns1:Type ns1:Value</code>
annotation	<p>documentation Represents a reference identifier printed on Freight bills of lading</p>
source	<pre>&lt;xs:complexType name="PrintedReference"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Represents a reference identifier printed on Freight bills of lading&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:PrintedReferenceType" minOccurs="0"/&gt;     &lt;xs:element name="Value" type="xs:string" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType	<b>PriorityAlertDetail</b>
diagram	

	<pre> classDiagram     class PriorityAlertDetail     class ns1::EnhancementTypes {         &lt;&lt;ns1:PriorityAlertEnhancementType&gt;&gt;     }     class ns1::Content {         &lt;&lt;xs:string&gt;&gt;     }      PriorityAlertDetail "0..∞" --&gt; ns1::EnhancementTypes     PriorityAlertDetail "1..∞" --&gt; ns1::Content   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:EnhancementTypes ns1:Content
source	<pre> &lt;xs:complexType name="PriorityAlertDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="EnhancementTypes" type="ns:PriorityAlertEnhancementType" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;xs:element name="Content" type="xs:string" minOccurs="1" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

#### complexType ProcessShipmentReply

diagram

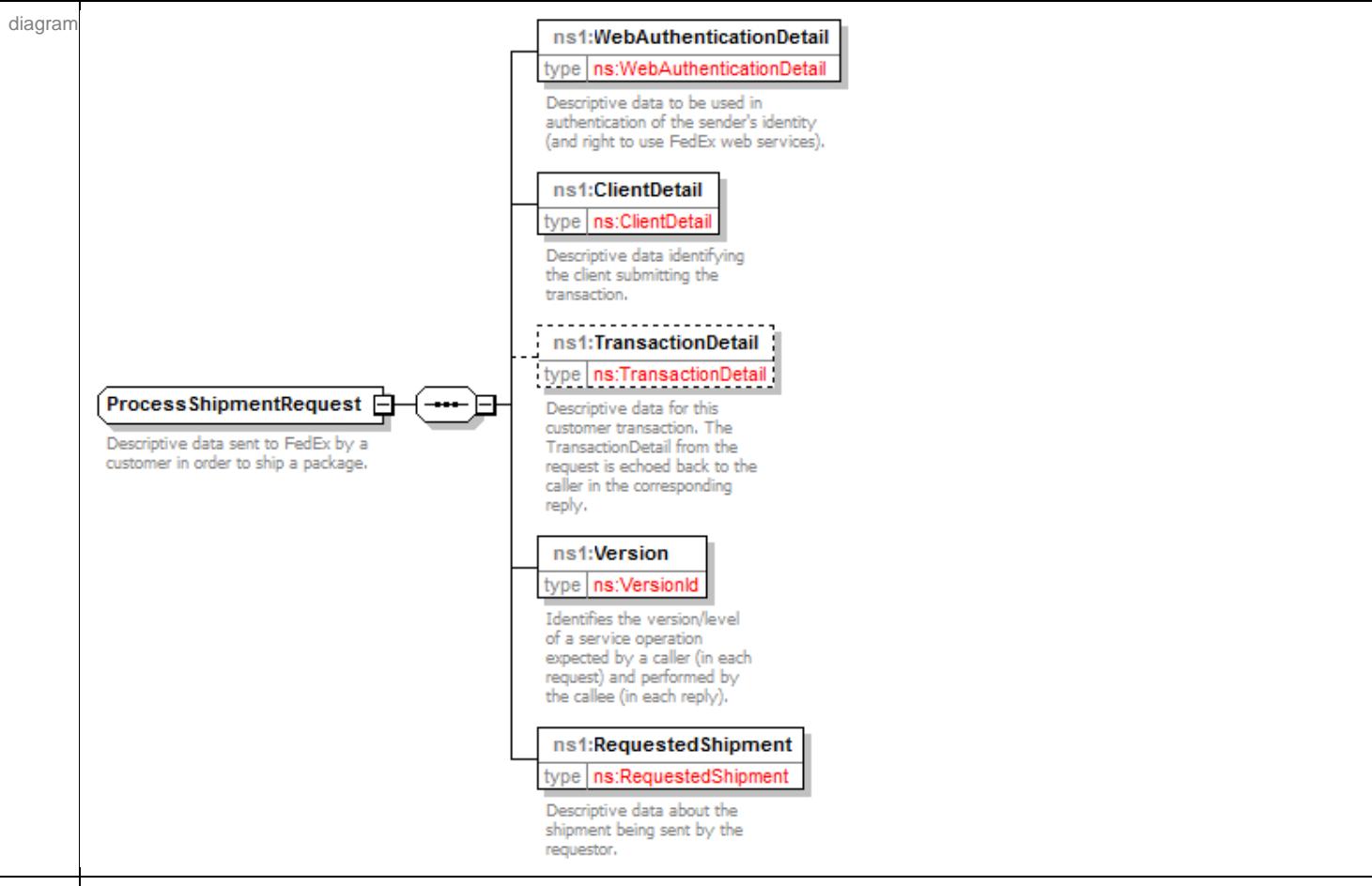
	<pre> classDiagram     class ProcessShipmentReply {         ns1:HighestSeverity         ns1:Notifications         ns1:TransactionDetail         ns1:Version         ns1:JobId         ns1:CompletedShipmentDetail         ns1:ErrorLabels     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:HighestSeverity ns1:Notifications ns1:TransactionDetail ns1:Version ns1:JobId ns1:CompletedShipmentDetail ns1:ErrorLabels
source	<pre> &lt;xs:complexType name="ProcessShipmentReply"&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="HighestSeverity" type="ns:NotificationSeverityType" minOccurs="1"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;This indicates the highest level of severity of all the notifications returned in this reply&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Notifications" type="ns:Notification" minOccurs="1" maxOccurs="unbounded"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;The descriptive data regarding the results of the submitted transaction.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"&gt;             &lt;xs:annotation&gt; </pre>

```

<xs:documentation>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Version" type="ns:VersionId" minOccurs="1">
<xs:annotation>
<xs:documentation>Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="JobId" type="xs:string" minOccurs="0"/>
<xs:element name="CompletedShipmentDetail" type="ns:CompletedShipmentDetail" minOccurs="0">
<xs:annotation>
<xs:documentation>The reply payload. All of the returned information about this shipment/package.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ErrorLabels" type="ns:ShippingDocument" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>Empty unless error label behavior is PACKAGE_ERROR_LABELS and one or more errors occurred during transaction processing.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### complexType ProcessShipmentRequest



namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:WebAuthenticationDetail ns1:ClientDetail ns1:TransactionDetail ns1:Version ns1:RequestedShipment</b>
annotation	<p>documentation Descriptive data sent to FedEx by a customer in order to ship a package.</p>
source	<pre>&lt;xs:complexType name="ProcessShipmentRequest"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Descriptive data sent to FedEx by a customer in order to ship a package.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ClientDetail" type="ns:ClientDetail" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data identifying the client submitting the transaction.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Version" type="ns:VersionId" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="RequestedShipment" type="ns:RequestedShipment" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data about the shipment being sent by the requestor.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType ProcessTagReply

diagram	
---------	--

	<pre> classDiagram     class ns1:HighestSeverity {         type ns:NotificationSeverityType     }     class ns1:Notifications {         type ns:Notification     }     class ns1:TransactionDetail {         type ns:TransactionDetail     }     class ns1:Version {         type ns:VersionId     }     class ns1:CompletedShipmentDetail {         type ns:CompletedShipmentDetail     }      ns1:HighestSeverity &lt; -- ns1:Notifications     ns1:Notifications &lt; -- ns1:TransactionDetail     ns1:Notifications &lt; -- ns1:Version     ns1:Notifications &lt; -- ns1:CompletedShipmentDetail      ProcessTagReply --&gt; ns1:HighestSeverity     ns1:Notifications *--&gt; ns1:CompletedShipmentDetail   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:HighestSeverity ns1:Notifications ns1:TransactionDetail ns1:Version ns1:CompletedShipmentDetail
source	<pre> &lt;xs:complexType name="ProcessTagReply"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="HighestSeverity" type="ns:NotificationSeverityType" minOccurs="1"/&gt;     &lt;xs:element name="Notifications" type="ns:Notification" minOccurs="1" maxOccurs="unbounded"/&gt;     &lt;xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"/&gt;     &lt;xs:element name="Version" type="ns:VersionId" minOccurs="1"/&gt;     &lt;xs:element name="CompletedShipmentDetail" type="ns:CompletedShipmentDetail" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

#### complexType ProcessTagRequest

diagram

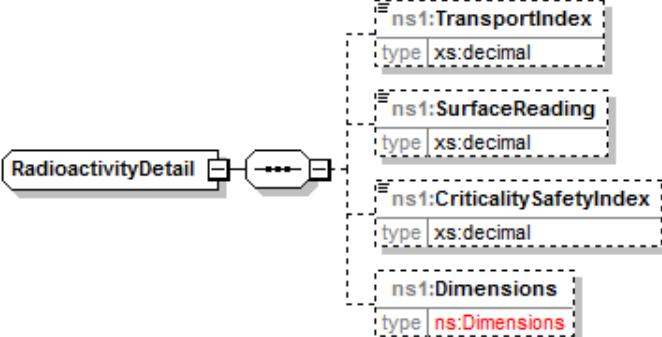
	<p><b>ProcessTagRequest</b></p> <p>Descriptive data sent to FedEx by a customer in order to ship a package.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:WebAuthenticationDetail ns1:ClientDetail ns1:TransactionDetail ns1:Version ns1:RequestedShipment</b>
annotation	<p>documentation</p> <p>Descriptive data sent to FedEx by a customer in order to ship a package.</p>
source	<pre> &lt;xs:complexType name="ProcessTagRequest"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Descriptive data sent to FedEx by a customer in order to ship a package.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ClientDetail" type="ns:ClientDetail" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data identifying the client submitting the transaction.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Version" type="ns:VersionId" minOccurs="1"&gt;   </pre>

```

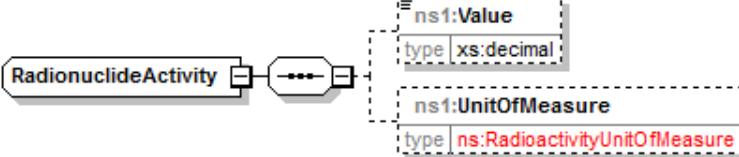
<xs:annotation>
  <xs:documentation>Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="RequestedShipment" type="ns:RequestedShipment" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Descriptive data about the shipment being sent by the requestor.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType RadioactivityDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:TransportIndex ns1:SurfaceReading ns1:CriticalitySafetyIndex ns1:Dimensions
source	<pre> &lt;xs:complexType name="RadioactivityDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="TransportIndex" type="xs:decimal" minOccurs="0"/&gt;     &lt;xs:element name="SurfaceReading" type="xs:decimal" minOccurs="0"/&gt;     &lt;xs:element name="CriticalitySafetyIndex" type="xs:decimal" minOccurs="0"/&gt;     &lt;xs:element name="Dimensions" type="ns:Dimensions" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType RadionuclideActivity

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Value ns1:UnitOfMeasure
source	<pre> &lt;xs:complexType name="RadionuclideActivity"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Value" type="xs:decimal" minOccurs="0"/&gt;     &lt;xs:element name="UnitOfMeasure" type="ns:RadioactivityUnitOfMeasure" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

</xs:complexType>

complexType RadionuclideDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Radionuclide ns1:Activity ns1:ExceptedPackagingIsReportableQuantity ns1:PhysicalForm ns1:ChemicalForm
source	<pre>&lt;xs:complexType name="RadionuclideDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Radionuclide" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="Activity" type="ns:RadionuclideActivity" minOccurs="0"/&gt;     &lt;xs:element name="ExceptedPackagingIsReportableQuantity" type="xs:boolean" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Indicates whether packaging type "EXCEPTED" or "EXCEPTED_PACKAGE" is for radioactive material in reportable quantity.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="PhysicalForm" type="ns:PhysicalFormType" minOccurs="0"/&gt;     &lt;xs:element name="ChemicalForm" type="xs:string" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType RateDiscount

diagram	
---------	--

	<pre> classDiagram     class RateDiscount {         &lt;&lt;Identifies a discount applied to the shipment.&gt;&gt;     }     class RateDiscountType {         &lt;&lt;Identifies the type of discount applied to the shipment.&gt;&gt;     }     class Description {         &lt;&lt;Identifies the type of discount applied to the shipment.&gt;&gt;     }     class Amount {         &lt;&lt;The amount of the discount applied to the shipment.&gt;&gt;     }     class Percent {         &lt;&lt;The percentage of the discount applied to the shipment.&gt;&gt;     }      RateDiscount "1" -- "*" RateDiscountType     RateDiscount "1" -- "*" Description     RateDiscount "1" -- "*" Amount     RateDiscount "1" -- "*" Percent   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:RateDiscountType ns1:Description ns1:Amount ns1:Percent
annotation	<p>documentation Identifies a discount applied to the shipment.</p>
source	<pre> &lt;xsd:complexType name="RateDiscount"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Identifies a discount applied to the shipment.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="RateDiscountType" type="ns:RateDiscountType" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Identifies the type of discount applied to the shipment.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Description" type="xs:string" minOccurs="0"/&gt;     &lt;xsd:element name="Amount" type="ns:Money" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;The amount of the discount applied to the shipment.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Percent" type="xs:decimal" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;The percentage of the discount applied to the shipment.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

### complexType Rebate

diagram

	<pre> classDiagram     class Rebate {         ns1:RebateType         type ns:RebateType     }     class Description {         ns1:Description         type xs:string     }     class Amount {         ns1:Amount         type ns:Money     }     class Percent {         ns1:Percent         type xs:decimal     }     Rebate &lt;--&gt; Description     Rebate &lt;--&gt; Amount     Rebate &lt;--&gt; Percent </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:RebateType ns1:Description ns1:Amount ns1:Percent
source	<pre> &lt;xs:complexType name="Rebate"&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="RebateType" type="ns:RebateType" minOccurs="0"/&gt;         &lt;xs:element name="Description" type="xs:string" minOccurs="0"/&gt;         &lt;xs:element name="Amount" type="ns:Money" minOccurs="0"/&gt;         &lt;xs:element name="Percent" type="xs:decimal" minOccurs="0"/&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

### complexType RecipientCustomsId

	<pre> classDiagram     class RecipientCustomsId {         ns1&gt;Type         type ns:RecipientCustomsIdType     }     class Value {         ns1:Value         type xs:string     }     RecipientCustomsId &lt;--&gt; Type     RecipientCustomsId &lt;--&gt; Value </pre> <p>Specifies how the recipient is identified for customs purposes; the requirements on this information vary with destination country.</p> <p>Contains the actual ID value, of the type specified above.</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1>Type ns1:Value
annotation	<p>documentation</p> <p>Specifies how the recipient is identified for customs purposes; the requirements on this information vary with destination country.</p>
source	<pre> &lt;xs:complexType name="RecipientCustomsId"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how the recipient is identified for customs purposes; the requirements on this information vary with destination country.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="Type" type="ns:RecipientCustomsIdType" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Specifies the kind of identification being used.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Value" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Contains the actual ID value, of the type specified above.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```

</xs:sequence>
</xs:complexType>

```

#### complexType RecommendedDocumentSpecification

diagram	<p>Specifies the details about documents that are recommended to be included with the shipment for ease of shipment processing and transportation.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:Types</b>
annotation	<p>documentation</p> <p>Specifies the details about documents that are recommended to be included with the shipment for ease of shipment processing and transportation.</p>
source	<pre> &lt;xs:complexType name="RecommendedDocumentSpecification"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the details about documents that are recommended to be included with the shipment for ease of shipment processing and transportation.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Types" type="ns:RecommendedDocumentType" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

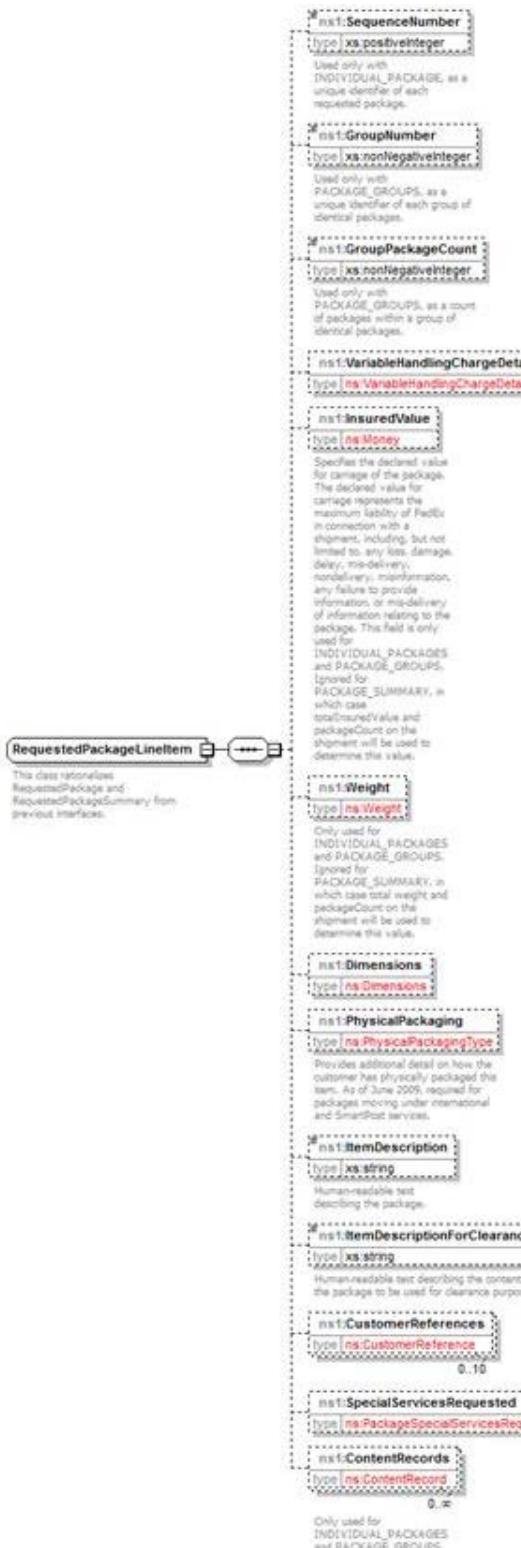
#### complexType RegulatoryLabelContentDetail

diagram	<p>Specifies details needed to generate any label artifacts required due to regulatory requirements.</p> <p>Specifies how the customer requested the regulatory label to be generated.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1&gt;Type ns1:GenerationOptions</b>
annotation	<p>documentation</p> <p>Specifies details needed to generate any label artifacts required due to regulatory requirements.</p>
source	<pre> &lt;xs:complexType name="RegulatoryLabelContentDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies details needed to generate any label artifacts required due to regulatory requirements.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:RegulatoryLabelType" minOccurs="0"/&gt;     &lt;xs:element name="GenerationOptions" type="ns:CustomerSpecifiedLabelGenerationOptionType" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how the customer requested the regulatory label to be generated.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

</xs:complexType>

### complexType RequestedPackageLineItem

diagram



namespace http://fedex.com/ws/ship/v17

children ns1:SequenceNumber ns1:GroupNumber ns1:GroupPackageCount ns1:VariableHandlingChargeDetail ns1:InsuredValue ns1:Weight  
 ns1:Dimensions ns1:PhysicalPackaging ns1:ItemDescription ns1:ItemDescriptionForClearance ns1:CustomerReferences  
 ns1:SpecialServicesRequested ns1:ContentRecords

annotation documentation

This class rationalizes RequestedPackage and RequestedPackageSummary from previous interfaces.

source

```
<xs:complexType name="RequestedPackageLineItem">
  <xs:annotation>
    <xs:documentation>This class rationalizes RequestedPackage and RequestedPackageSummary from previous interfaces.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="SequenceNumber" type="xs:positiveInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Used only with INDIVIDUAL_PACKAGE, as a unique identifier of each requested package.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="GroupNumber" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Used only with PACKAGE_GROUPS, as a unique identifier of each group of identical packages.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="GroupPackageCount" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Used only with PACKAGE_GROUPS, as a count of packages within a group of identical packages.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="VariableHandlingChargeDetail" type="ns:VariableHandlingChargeDetail" minOccurs="0"/>
    <xs:element name="InsuredValue" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the declared value for carriage of the package. The declared value for carriage represents the maximum liability of FedEx in connection with a shipment, including, but not limited to, any loss, damage, delay, mis-delivery, nondelivery, misinformation, any failure to provide information, or mis-delivery of information relating to the package. This field is only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS. Ignored for PACKAGE_SUMMARY, in which case totalInsuredValue and packageCount on the shipment will be used to determine this value.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Weight" type="ns:Weight" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS. Ignored for PACKAGE_SUMMARY, in which case total weight and packageCount on the shipment will be used to determine this value.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Dimensions" type="ns:Dimensions" minOccurs="0"/>
    <xs:element name="PhysicalPackaging" type="ns:PhysicalPackagingType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Provides additional detail on how the customer has physically packaged this item. As of June 2009, required for packages moving under international and SmartPost services.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ItemDescription" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Human-readable text describing the package.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ItemDescriptionForClearance" type="xs:string" minOccurs="0">
```

```
<xs:annotation>
  <xs:documentation>Human-readable text describing the contents of the package to be used for clearance
purposes.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CustomerReferences" type="ns:CustomerReference" minOccurs="0" maxOccurs="10"/>
<xs:element name="SpecialServicesRequested" type="ns:PackageSpecialServicesRequested" minOccurs="0"/>
<xs:element name="ContentRecords" type="ns:ContentRecord" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

## **complexType RequestedShipment**



namespace	http://fedex.com/ws/ship/v17
children	ns1:ShipTimestamp ns1:DropoffType ns1:ServiceType ns1:PackagingType ns1:ManifestDetail ns1:TotalWeight ns1:TotalInsuredValue ns1:PreferredCurrency ns1:Shipper ns1:Recipient ns1:RecipientLocationNumber ns1:Origin ns1:SoldTo ns1:ShippingChargesPayment ns1:SpecialServicesRequested ns1:ExpressFreightDetail ns1:FreightShipmentDetail ns1:DeliveryInstructions ns1:VariableHandlingChargeDetail ns1:CustomsClearanceDetail ns1:PickupDetail ns1:SmartPostDetail ns1:BlockInsightVisibility ns1:LabelSpecification ns1:ShippingDocumentSpecification ns1:RateRequestTypes ns1:EdtRequestType ns1:MasterTrackingId ns1:PackageCount ns1:ConfigurationData ns1:RequestedPackageLineItems
annotation	<p>documentation The descriptive data for the shipment being tendered to FedEx.</p>
source	<pre>&lt;xs:complexType name="RequestedShipment"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The descriptive data for the shipment being tendered to FedEx.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ShipTimestamp" type="xs:dateTime" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the date and time the package is tendered to FedEx. Both the date and time portions of the string are expected to be used. The date should not be a past date or a date more than 10 days in the future. The time is the local time of the shipment based on the shipper's time zone. The date component must be in the format: YYYY-MM-DD (e.g. 2006-06-26). The time component must be in the format: HH:MM:SS using a 24 hour clock (e.g. 11:00 a.m. is 11:00:00, whereas 5:00 p.m. is 17:00:00). The date and time parts are separated by the letter T (e.g. 2006-06-26T17:00:00). There is also a UTC offset component indicating the number of hours/mainutes from UTC (e.g 2006-06-26T17:00:00-0400 is defined form June 26, 2006 5:00 pm Eastern Time).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="DropoffType" type="ns:DropoffType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the method by which the package is to be tendered to FedEx. This element does not dispatch a courier for package pickup. See DropoffType for list of valid enumerated values.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ServiceType" type="ns:ServiceType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="PackagingType" type="ns:PackagingType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the packaging used by the requestor for the package. See PackagingType for list of valid enumerated values.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ManifestDetail" type="ns:ShipmentManifestDetail" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;This specifies information related to the manifest associated with the shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;</pre>

```

<xs:element name="TotalWeight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the total weight of the shipment being conveyed to FedEx. This is only applicable to International shipments and should only be used on the first package of a mutiple piece shipment. This value contains 1 explicit decimal position</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalInsuredValue" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the total declared value for carriage of the shipment. The declared value for carriage represents the maximum liability of FedEx in connection with a shipment, including, but not limited to, any loss, damage, delay, mis-delivery, nondelivery, misinformation, any failure to provide information, or mis-delivery of information relating to the shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PreferredCurrency" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This attribute indicates the currency the caller requests to have used in all returned monetary values (when a choice is possible).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Shipper" type="ns:Party" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Descriptive data identifying the party responsible for shipping the package. Shipper and Origin should have the same address.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Recipient" type="ns:Party" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Descriptive data identifying the party receiving the package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RecipientLocationNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>A unique identifier for a recipient location</xs:documentation>
  </xs:annotation>
  <xs:appinfo>
    <xs:MaxLength>10</xs:MaxLength>
  </xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="Origin" type="ns>ContactAndAddress" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Physical starting address for the shipment, if different from shipper's address.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SoldTo" type="ns:Party" minOccurs="0"/>
<xs:element name="ShippingChargesPayment" type="ns:Payment" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Descriptive data indicating the method and means of payment to FedEx for providing shipping services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpecialServicesRequested" type="ns:ShipmentSpecialServicesRequested" minOccurs="0">

```

```
<xs:annotation>
  <xs:documentation>Descriptive data regarding special services requested by the shipper for this shipment. If the shipper is requesting a special service which requires additional data (e.g. COD), the special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object. For example, to request COD, "COD" must be included in the SpecialServiceTypes collection and the CodDetail object must contain the required data.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ExpressFreightDetail" type="ns:ExpressFreightDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details specific to an Express freight shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FreightShipmentDetail" type="ns:FreightShipmentDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Data applicable to shipments using FEDEX_FREIGHT_ECONOMY and FEDEX_FREIGHT_PRIORITY services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DeliveryInstructions" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Used with Ground Home Delivery and Freight.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VariableHandlingChargeDetail" type="ns:VariableHandlingChargeDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details about how to calculate variable handling charges at the shipment level.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomsClearanceDetail" type="ns:CustomsClearanceDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs clearance data, used for both international and intra-country shipping.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PickupDetail" type="ns:PickupDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>For use in "process tag" transaction.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SmartPostDetail" type="ns:SmartPostShipmentDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the characteristics of a shipment pertaining to SmartPost services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BlockInsightVisibility" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>If true, only the shipper/payer will have visibility of this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LabelSpecification" type="ns:LabelSpecification" minOccurs="1">
  <xs:annotation>
    <xs:documentation>Details about the image format and printer type the label is to be returned in.</xs:documentation>
  </xs:annotation>
```

```

</xs:element>
<xs:element name="ShippingDocumentSpecification" type="ns:ShippingDocumentSpecification" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Contains data used to create additional (non-label) shipping documents.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RateRequestTypes" type="ns:RateRequestType" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Specifies whether and what kind of rates the customer wishes to have quoted on this shipment. The reply will also be constrained by other data on the shipment and customer.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="EdtRequestType" type="ns:EdtRequestType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies whether the customer wishes to have Estimated Duties and Taxes provided with the rate quotation on this shipment. Only applies with shipments moving under international services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MasterTrackingId" type="ns:TrackingId" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Only used with multiple-transaction shipments, to identify the master package in a multi-piece shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PackageCount" type="xs:nonNegativeInteger" minOccurs="1">
  <xs:annotation>
    <xs:documentation>The total number of packages in the entire shipment (even when the shipment spans multiple transactions.)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ConfigurationData" type="ns:ShipmentConfigurationData" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies data structures that may be re-used multiple times with a single shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RequestedPackageLineItems" type="ns:RequestedPackageLineItem" minOccurs="0" maxOccurs="999">
  <xs:annotation>
    <xs:documentation>One or more package-attribute descriptions, each of which describes an individual package, a group of identical packages, or (for the total-piece-total-weight case) common characteristics all packages in the shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType **ReturnAssociationDetail**

diagram

	<pre> classDiagram     class ReturnAssociationDetail {         &lt;&gt; TrackingNumber : xs:string         &lt;&gt; ShipDate : xs:date     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:TrackingNumber ns1:ShipDate
source	<pre> &lt;x:complexType name="ReturnAssociationDetail"&gt;   &lt;x:sequence&gt;     &lt;x:element name="TrackingNumber" type="xs:string" minOccurs="0"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;Specifies the tracking number of the master associated with the return shipment.&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;     &lt;x:element name="ShipDate" type="xs:date" minOccurs="0"/&gt;   &lt;/x:sequence&gt; &lt;/x:complexType&gt; </pre>

### complexType ReturnEMailDetail

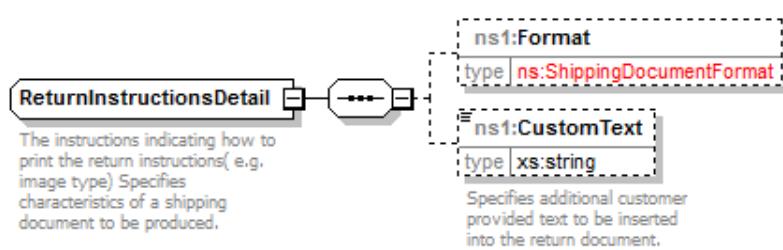
	<pre> classDiagram     class ReturnEMailDetail {         &lt;&gt; MerchantPhoneNumber : xs:string         * AllowedSpecialServices : ns:ReturnEMailAllowedSpecialServiceType     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:MerchantPhoneNumber ns1:AllowedSpecialServices
annotation	<p>documentation Return Email Details</p>
source	<pre> &lt;x:complexType name="ReturnEMailDetail"&gt;   &lt;x:annotation&gt;     &lt;x:documentation&gt;Return Email Details&lt;/x:documentation&gt;   &lt;/x:annotation&gt;   &lt;x:sequence&gt;     &lt;x:element name="MerchantPhoneNumber" type="xs:string" minOccurs="0"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;Phone number of the merchant&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;     &lt;x:element name="AllowedSpecialServices" type="ns:ReturnEMailAllowedSpecialServiceType" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;Identifies the allowed (merchant-authorized) special services which may be selected when the subsequent shipment is created. Only services represented in EMailLabelAllowedSpecialServiceType will be controlled by this list.&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;   &lt;/x:sequence&gt; &lt;/x:complexType&gt; </pre>

```

<xs:documentation>Identifies the allowed (merchant-authorized) special services which may be selected when the subsequent shipment is created. Only services represented in EMailLabelAllowedSpecialServiceType will be controlled by this list.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

#### complexType ReturnInstructionsDetail

diagram



namespace <http://fedex.com/ws/ship/v17>

children **ns1:Format ns1:CustomText**

annotation documentation  
The instructions indicating how to print the return instructions( e.g. image type) Specifies characteristics of a shipping document to be produced.

source

```

<xs:complexType name="ReturnInstructionsDetail">
  <xs:annotation>
    <xs:documentation>The instructions indicating how to print the return instructions( e.g. image type) Specifies characteristics of a shipping document to be produced.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"/>
    <xs:element name="CustomText" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies additional customer provided text to be inserted into the return document.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

#### complexType ReturnShipmentDetail

diagram

	<pre> classDiagram     class ReturnShipmentDetail {         &lt;&lt;Information relating to a return shipment.&gt;&gt;     }     class ReturnType {         &lt;&lt;The type of return shipment that is being requested.&gt;&gt;     }     class Rma {         &lt;&lt;Return Merchant Authorization&lt;/&gt;&gt;     }     class ReturnEMailDetail {         &lt;&lt;Describes specific information about the email label for return shipment.&gt;&gt;     }     class ReturnAssociation {         &lt;&lt;ns:ReturnAssociationDetail&gt;&gt;     }      ReturnShipmentDetail "3" -- "1" ReturnType : type ns:ReturnType     ReturnShipmentDetail "3" -- "0..1" Rma : type ns:Rma     ReturnShipmentDetail "3" -- "0..1" ReturnEMailDetail : type ns:ReturnEMailDetail     ReturnShipmentDetail "3" -- "0..1" ReturnAssociation : type ns:ReturnAssociationDetail </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:ReturnType ns1:Rma ns1:ReturnEMailDetail ns1:ReturnAssociation
annotation	<p>documentation Information relating to a return shipment.</p>
source	<pre> &lt;xsd:complexType name="ReturnShipmentDetail"&gt;     &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Information relating to a return shipment.&lt;/xsd:documentation&gt;     &lt;/xsd:annotation&gt;     &lt;xsd:sequence&gt;         &lt;xsd:element name="ReturnType" type="ns:ReturnType" minOccurs="1"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;The type of return shipment that is being requested.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="Rma" type="ns:Rma" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Return Merchant Authorization&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="ReturnEMailDetail" type="ns:ReturnEMailDetail" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Describes specific information about the email label for return shipment.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="ReturnAssociation" type="ns:ReturnAssociationDetail" minOccurs="0"/&gt;     &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt; </pre>

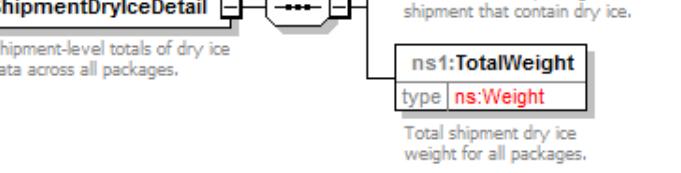
### complexType Rma

diagram	<pre> classDiagram     class Rma {         &lt;&lt;June 2011 ITG 121203 IR-RMA number has been removed from this structure and added as a new customer reference type. The structure remains because of the reason field below.&gt;&gt;     }     class Reason {         &lt;&lt;The reason for the return.&gt;&gt;     }      Rma "3" -- "1" Reason : type xs:string </pre>
---------	--

namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<a href="#">ns1:Reason</a>
annotation	<p>documentation June 2011 ITG 121203 IR-RMA number has been removed from this structure and added as a new customer reference type. The structure remains because of the reason field below.</p>
source	<pre>&lt;xs:complexType name="Rma"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;June 2011 ITG 121203 IR-RMA number has been removed from this structure and added as a new customer reference type. The structure remains because of the reason field below.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Reason" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The reason for the return.&lt;/xs:documentation&gt;         &lt;xs:appinfo&gt;           &lt;xs:MaxLength&gt;60&lt;/xs:MaxLength&gt;         &lt;/xs:appinfo&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType <b>ShipmentConfigurationData</b>	
diagram	<pre> classDiagram     class ShipmentConfigurationData     class ns1:DangerousGoodsPackageConfigurations     ShipmentConfigurationData "0..∞" --&gt; ns1:DangerousGoodsPackageConfigurations :          "Specifies data structures that may be re-used multiple times with a single shipment."     ns1:DangerousGoodsPackageConfigurations "0..∞" --&gt; ns1:DangerousGoodsDetail :          "Specifies the data that is common to dangerous goods packages in the shipment. This is populated when the shipment contains packages with identical dangerous goods commodities."     </pre>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<a href="#">ns1:DangerousGoodsPackageConfigurations</a>
annotation	<p>documentation Specifies data structures that may be re-used multiple times with a single shipment.</p>
source	<pre>&lt;xs:complexType name="ShipmentConfigurationData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies data structures that may be re-used multiple times with a single shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="DangerousGoodsPackageConfigurations" type="ns:DangerousGoodsDetail" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the data that is common to dangerous goods packages in the shipment. This is populated when the shipment contains packages with identical dangerous goods commodities.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType <b>ShipmentDryIceDetail</b>	
---	--

diagram	 <pre> classDiagram     package "ns1"     ShipmentDryIceDetail &lt; -- ns1:PackageCount     ShipmentDryIceDetail &lt; -- ns1&gt;TotalWeight      ShipmentDryIceDetail {         &lt;&gt; PackageCount         &lt;&gt; TotalWeight     }     ns1:PackageCount {         type xs:nonNegativeInteger         documentation Total number of packages in the shipment that contain dry ice.     }     ns1&gt;TotalWeight {         type ns:Weight         documentation Total shipment dry ice weight for all packages.     }   </pre>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:PackageCount ns1>TotalWeight
annotation	<p>documentation</p> <p>Shipment-level totals of dry ice data across all packages.</p>
source	<pre> &lt;xsd:complexType name="ShipmentDryIceDetail"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Shipment-level totals of dry ice data across all packages.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="PackageCount" type="xsd:nonNegativeInteger" minOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Total number of packages in the shipment that contain dry ice.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="TotalWeight" type="ns:Weight" minOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Total shipment dry ice weight for all packages.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

**complexType ShipmentLegRateDetail**



	                                   
namespace	http://fedex.com/ws/ship/v17
children	ns1:LegDescription ns1:LegOrigin ns1:LegOriginLocationId ns1:LegDestination ns1:LegDestinationLocationId ns1:RateType ns1:RateScale ns1:RateZone ns1:PricingCode ns1:RatedWeightMethod ns1:MinimumChargeType ns1:CurrencyExchangeRate ns1:SpecialRatingApplied ns1:DimDivisor ns1:DimDivisorType ns1:FuelSurchargePercent ns1:TotalBillingWeight ns1:TotalDimWeight ns1:TotalBaseCharge ns1:TotalFreightDiscounts ns1:TotalNetFreight ns1:TotalSurcharges ns1:TotalNetFedExCharge ns1:TotalTaxes ns1:TotalNetCharge ns1:TotalRebates ns1:TotalDutiesAndTaxes ns1:TotalNetChargeWithDutiesAndTaxes ns1:FreightRateDetail ns1:FreightDiscounts ns1:Rebates ns1:Surcharges ns1:Taxes ns1:DutiesAndTaxes ns1:VariableHandlingCharges ns1:TotalVariableHandlingCharges
annotation	<p>documentation</p> <p>Data for a single leg of a shipment's total/summary rates, as calculated per a specific rate type.</p>
source	<pre>&lt;xsd:complexType name="ShipmentLegRateDetail"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Data for a single leg of a shipment's total/summary rates, as calculated per a specific rate type.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="LegDescription" type="xs:string" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Human-readable text describing the shipment leg.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="LegOrigin" type="ns:Address" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Origin for this leg.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="LegOriginLocationId" type="xs:string" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Specifies the location id the origin of shipment leg.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="LegDestination" type="ns:Address" minOccurs="0"&gt;</pre>

```
<xs:annotation>
  <xs:documentation>Destination for this leg.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="LegDestinationLocationId" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the location id the destination of shipment leg.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RateType" type="ns:ReturnedRateType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Type used for this specific set of rate data.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RateScale" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates the rate scale used.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RateZone" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates the rate zone used (based on origin and destination).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PricingCode" type="ns:PricingCodeType" minOccurs="0"/>
<xs:element name="RatedWeightMethod" type="ns:RatedWeightMethod" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates which weight was used.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MinimumChargeType" type="ns:MinimumChargeType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>INTERNAL FEDEX USE ONLY.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CurrencyExchangeRate" type="ns:CurrencyExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the currency exchange performed on financial amounts for this rate.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpecialRatingApplied" type="ns:SpecialRatingAppliedType" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates which special rating cases applied to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DimDivisor" type="xs:nonNegativeInteger" minOccurs="0"/>
<xs:element name="DimDivisorType" type="ns:RateDimensionalDivisorType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the type of dim divisor that was applied.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FuelSurchargePercent" type="xs:decimal" minOccurs="0"/>
```

```

<xs:element name="TotalBillingWeight" type="ns:Weight" minOccurs="0"/>
<xs:element name="TotalDimWeight" type="ns:Weight" minOccurs="0">
<xs:annotation>
  <xs:documentation>Sum of dimensional weights for all packages.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TotalBaseCharge" type="ns:Money" minOccurs="0"/>
<xs:element name="TotalFreightDiscounts" type="ns:Money" minOccurs="0"/>
<xs:element name="TotalNetFreight" type="ns:Money" minOccurs="0"/>
<xs:element name="TotalSurcharges" type="ns:Money" minOccurs="0"/>
<xs:element name="TotalNetFedExCharge" type="ns:Money" minOccurs="0">
<xs:annotation>
  <xs:documentation>This shipment's totalNetFreight + totalSurcharges (not including totalTaxes).</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TotalTaxes" type="ns:Money" minOccurs="0">
<xs:annotation>
  <xs:documentation>Total of the transportation-based taxes.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TotalNetCharge" type="ns:Money" minOccurs="0"/>
<xs:element name="TotalRebates" type="ns:Money" minOccurs="0"/>
<xs:element name="TotalDutiesAndTaxes" type="ns:Money" minOccurs="0">
<xs:annotation>
  <xs:documentation>Total of all values under this shipment's dutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TotalNetChargeWithDutiesAndTaxes" type="ns:Money" minOccurs="0">
<xs:annotation>
  <xs:documentation>This shipment's totalNetCharge + totalDutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment AND duties, taxes and transportation charges are all paid by the same sender's account.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="FreightRateDetail" type="ns:FreightRateDetail" minOccurs="0">
<xs:annotation>
  <xs:documentation>Rate data specific to FedEx Freight and FedEx National Freight services.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="FreightDiscounts" type="ns:RateDiscount" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
  <xs:documentation>All rate discounts that apply to this shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Rebates" type="ns:Rebate" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
  <xs:documentation>All rebates that apply to this shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Surcharges" type="ns:Surcharge" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
  <xs:documentation>All surcharges that apply to this shipment.</xs:documentation>

```

```

</xs:annotation>
</xs:element>
<xs:element name="Taxes" type="ns:Tax" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>All transportation-based taxes applicable to this shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="DutiesAndTaxes" type="ns:EdtCommodityTax" minOccurs="0" maxOccurs="unbounded">
<xs:annotation>
<xs:documentation>All commodity-based duties and taxes applicable to this shipment.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="VariableHandlingCharges" type="ns:VariableHandlingCharges" minOccurs="0">
<xs:annotation>
<xs:documentation>The "order level" variable handling charges.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TotalVariableHandlingCharges" type="ns:VariableHandlingCharges" minOccurs="0">
<xs:annotation>
<xs:documentation>The total of all variable handling charges at both shipment (order) and package
level.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType ShipmentManifestDetail

diagram	<p>This identifies which customer reference field contains the manifest ID.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<a href="#">ns1:ManifestReferenceType</a>
source	<pre> &lt;xs:complexType name="ShipmentManifestDetail"&gt; &lt;xs:sequence&gt; &lt;xs:element name="ManifestReferenceType" type="ns:CustomerReferenceType" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;This identifies which customer reference field contains the manifest ID.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType ShipmentOperationalDetail

diagram	
---------	--

	<pre> classDiagram     class ShipmentOperationalDetail {         Ursaprefixcode         Ursasuffixcode         Originlocationid         Originlocationnumber         OriginServiceArea         Destinationlocationid         Destinationlocationnumber         DestinationServiceArea         DestinationlocationstateorProvinceCode         DeliveryDate         DeliveryDay         PublishedDeliveryTime         CommitDate         CommitDay         TransitTime         MaximumTransitTime         CustomTransitTime         IneligibleForMoneyBackGuarantee         DeliveryEligibilities         GroundDeliveryEligibilityType         AstraPlannedServiceLevel         AstraDescription         PostalCode         StateOrProvinceCode         CountryCode         AirportId         ServiceCode         PackagingCode         Scac     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:UrsaPrefixCode ns1:UrsaSuffixCode ns1:OriginLocationId ns1:OriginLocationNumber ns1:OriginServiceArea ns1:DestinationLocationId ns1:DestinationLocationNumber ns1:DestinationServiceArea ns1:DestinationLocationStateOrProvinceCode ns1:DeliveryDate ns1:DeliveryDay ns1:PublishedDeliveryTime ns1:CommitDate ns1:CommitDay ns1:TransitTime ns1:MaximumTransitTime ns1:CustomTransitTime ns1:IneligibleForMoneyBackGuarantee ns1:DeliveryEligibilities ns1:AstraPlannedServiceLevel ns1:AstraDescription ns1:PostalCode ns1:StateOrProvinceCode ns1:CountryCode ns1:AirportId ns1:ServiceCode ns1:PackagingCode ns1:Scac
source	<pre> &lt;xs:complexType name="ShipmentOperationalDetail"&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="UrsaPrefixCode" type="xs:string" minOccurs="0"/&gt;         &lt;xs:element name="UrsaSuffixCode" type="xs:string" minOccurs="0"/&gt; </pre>

```
<xs:element name="OriginLocationId" type="xs:string" minOccurs="0"/>
<xs:element name="OriginLocationNumber" type="xs:int" minOccurs="0"/>
<xs:element name="OriginServiceArea" type="xs:string" minOccurs="0"/>
<xs:element name="DestinationLocationId" type="xs:string" minOccurs="0"/>
<xs:element name="DestinationLocationNumber" type="xs:int" minOccurs="0"/>
<xs:element name="DestinationServiceArea" type="xs:string" minOccurs="0"/>
<xs:element name="DestinationLocationStateOrProvinceCode" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This is the state of the destination location ID, and is not necessarily the same as the postal state.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DeliveryDate" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Expected/estimated date of delivery.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DeliveryDay" type="ns:DayOfWeekType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Expected/estimated day of week of delivery.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PublishedDeliveryTime" type="xs:time" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Delivery time, as published in Service Guide.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CommitDate" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Committed date of delivery.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CommitDay" type="ns:DayOfWeekType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Committed day of week of delivery.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TransitTime" type="ns:TransitTimeType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Standard transit time per origin, destination, and service.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MaximumTransitTime" type="ns:TransitTimeType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Maximum expected transit time</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomTransitTime" type="ns:TransitTimeType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Transit time based on customer eligibility.</xs:documentation>
  </xs:annotation>
</xs:element>
```

```
<xs:element name="IneligibleForMoneyBackGuarantee" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates that this shipment is not eligible for money back guarantee.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DeliveryEligibilities" type="ns:GroundDeliveryEligibilityType" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>FedEx Ground delivery features for which this shipment may be eligible.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AstraPlannedServiceLevel" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Text describing planned delivery.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AstraDescription" type="xs:string" minOccurs="0"/>
<xs:element name="PostalCode" type="xs:string" minOccurs="0"/>
<xs:element name="StateOrProvinceCode" type="xs:string" minOccurs="0"/>
<xs:element name="CountryCode" type="xs:string" minOccurs="0"/>
<xs:element name="AirportId" type="xs:string" minOccurs="0"/>
<xs:element name="ServiceCode" type="xs:string" minOccurs="0"/>
<xs:element name="PackagingCode" type="xs:string" minOccurs="0"/>
<xs:element name="Scac" type="xs:string" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
```

#### **complexType ShipmentRateDetail**





namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<p>ns1:RateType ns1:RateScale ns1:RateZone ns1:PricingCode ns1:RatedWeightMethod ns1:MinimumChargeType ns1:CurrencyExchangeRate      ns1:SpecialRatingApplied ns1:DimDivisor ns1:DimDivisorType ns1:FuelSurchargePercent ns1:TotalBillingWeight ns1:TotalDimWeight      ns1:TotalBaseCharge ns1:TotalFreightDiscounts ns1:TotalNetFreight ns1:TotalSurcharges ns1:TotalNetFedExCharge ns1:TotalTaxes      ns1:TotalNetCharge ns1:TotalRebates ns1:TotalDutiesAndTaxes ns1:TotalNetChargeWithDutiesAndTaxes ns1:ShipmentLegRateDetails      ns1:FreightRateDetail ns1:FreightDiscounts ns1:Rebates ns1:Surcharges ns1:Taxes ns1:DutiesAndTaxes ns1:VariableHandlingCharges      ns1:TotalVariableHandlingCharges</p>
annotation	<p>documentation      Data for a shipment's total/summary rates, as calculated per a specific rate type. The "total..." fields may differ from the sum of corresponding package data for Multiweight or Express MPS.</p>
source	<pre> &lt;xsd:complexType name="ShipmentRateDetail"&gt;     &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Data for a shipment's total/summary rates, as calculated per a specific rate type. The "total..." fields may differ from the sum of corresponding package data for Multiweight or Express MPS.&lt;/xsd:documentation&gt;     &lt;/xsd:annotation&gt;     &lt;xsd:sequence&gt;         &lt;xsd:element name="RateType" type="ns:ReturnedRateType" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Type used for this specific set of rate data.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="RateScale" type="xs:string" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Indicates the rate scale used.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="RateZone" type="xs:string" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Indicates the rate zone used (based on origin and destination).&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="PricingCode" type="ns:PricingCodeType" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Identifies the type of pricing used for this shipment.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt; </pre>

```
</xs:element>
<xs:element name="RatedWeightMethod" type="ns:RatedWeightMethod" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates which weight was used.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MinimumChargeType" type="ns:MinimumChargeType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>INTERNAL FEDEX USE ONLY.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CurrencyExchangeRate" type="ns:CurrencyExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the currency exchange performed on financial amounts for this rate.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpecialRatingApplied" type="ns:SpecialRatingAppliedType" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates which special rating cases applied to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DimDivisor" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The value used to calculate the weight based on the dimensions.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DimDivisorType" type="ns:RateDimensionalDivisorType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the type of dim divisor that was applied.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FuelSurchargePercent" type="xs:decimal" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies a fuel surcharge percentage.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalBillingWeight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight used to calculate these rates.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalDimWeight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Sum of dimensional weights for all packages.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalBaseCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total freight charge that was calculated for this package before surcharges, discounts and taxes.</xs:documentation>
  </xs:annotation>
</xs:element>
```

```

<xs:element name="TotalFreightDiscounts" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total discounts used in the rate calculation.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalNetFreight" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The freight charge minus discounts.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalSurcharges" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total amount of all surcharges applied to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalNetFedExCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This shipment's totalNetFreight + totalSurcharges (not including totalTaxes).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalTaxes" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Total of the transportation-based taxes.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalNetCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The net charge after applying all discounts and surcharges.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalRebates" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total sum of all rebates applied to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalDutiesAndTaxes" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Total of all values under this shipment's dutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalNetChargeWithDutiesAndTaxes" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This shipment's totalNetCharge + totalDutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment AND duties, taxes and transportation charges are all paid by the same sender's account.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ShipmentLegRateDetails" type="ns:ShipmentLegRateDetail" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Identifies the Rate Details per each leg in a Freight Shipment</xs:documentation>
  </xs:annotation>

```

```

</xs:element>
<xs:element name="FreightRateDetail" type="ns:FreightRateDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Rate data specific to FedEx Freight and FedEx National Freight services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FreightDiscounts" type="ns:RateDiscount" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All rate discounts that apply to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Rebates" type="ns:Rebate" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All rebates that apply to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Surcharges" type="ns:Surcharge" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All surcharges that apply to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Taxes" type="ns:Tax" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All transportation-based taxes applicable to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DutiesAndTaxes" type="ns:EdtCommodityTax" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All commodity-based duties and taxes applicable to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VariableHandlingCharges" type="ns:VariableHandlingCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The "order level" variable handling charges.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalVariableHandlingCharges" type="ns:VariableHandlingCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total of all variable handling charges at both shipment (order) and package level.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType **ShipmentRating**

diagram

	<pre> classDiagram     class ShipmentRating {         &lt;&lt;This class groups together all shipment-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.&gt;&gt;     }     class ns1:ActualRateType {         type ns:ReturnedRateType         &lt;&lt;This rate type identifies which entry in the following array is considered as presenting the "actual" rates for the shipment.&gt;&gt;     }     class ns1:EffectiveNetDiscount {         type ns:Money         &lt;&lt;The "list" total net charge minus "actual" total net charge.&gt;&gt;     }     class ns1:ShipmentRateDetails {         type ns:ShipmentRateDetail         0..∞         &lt;&lt;Each element of this field provides shipment-level rate totals for a specific rate type.&gt;&gt;     }     ShipmentRating --&gt; ns1:ActualRateType     ShipmentRating --&gt; ns1:EffectiveNetDiscount     ShipmentRating --&gt; ns1:ShipmentRateDetails </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:ActualRateType ns1:EffectiveNetDiscount ns1:ShipmentRateDetails
annotation	<p>documentation</p> <p>This class groups together all shipment-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.</p>
source	<pre> &lt;x:complexType name="ShipmentRating"&gt;   &lt;x:annotation&gt;     &lt;x:documentation&gt;This class groups together all shipment-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.&lt;/x:documentation&gt;   &lt;/x:annotation&gt;   &lt;x:sequence&gt;     &lt;x:element name="ActualRateType" type="ns:ReturnedRateType" minOccurs="0"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;This rate type identifies which entry in the following array is considered as presenting the "actual" rates for the shipment.&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;     &lt;x:element name="EffectiveNetDiscount" type="ns:Money" minOccurs="0"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;The "list" total net charge minus "actual" total net charge.&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;     &lt;x:element name="ShipmentRateDetails" type="ns:ShipmentRateDetail" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;Each element of this field provides shipment-level rate totals for a specific rate type.&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;   &lt;/x:sequence&gt; &lt;/x:complexType&gt; </pre>

### complexType ShipmentReply

diagram

	<pre> classDiagram     class ShipmentReply {         &lt;&gt; ns1:HighestSeverity         &lt;&gt; ns1:Notifications         &lt;&gt; ns1:TransactionDetail         &lt;&gt; ns1:Version     }     ns1:HighestSeverity {         type ns:NotificationSeverityType         documentation: This indicates the highest level of severity of all the notifications returned in this reply     }     ns1:Notifications {         type ns:Notification         multiplicity: 1..∞         documentation: The descriptive data regarding the results of the submitted transaction.     }     ns1:TransactionDetail {         type ns:TransactionDetail         documentation: Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.     }     ns1:Version {         type ns:VersionId         documentation: Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).     } </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:HighestSeverity ns1:Notifications ns1:TransactionDetail ns1:Version
source	<pre> &lt;xsd:complexType name="ShipmentReply"&gt;     &lt;xsd:sequence&gt;         &lt;xsd:element name="HighestSeverity" type="ns:NotificationSeverityType" minOccurs="1"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;This indicates the highest level of severity of all the notifications returned in this reply&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="Notifications" type="ns:Notification" minOccurs="1" maxOccurs="unbounded"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;The descriptive data regarding the results of the submitted transaction.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="Version" type="ns:VersionId" minOccurs="1"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt; </pre>

complexType ShipmentSpecialServicesRequested

diagram



namespace <http://fedex.com/ws/ship/v17>

children `ns1:SpecialServiceTypes ns1:CodDetail ns1:DeliveryOnInvoiceAcceptanceDetail ns1:HoldAtLocationDetail ns1:EMailNotificationDetail ns1:ReturnShipmentDetail ns1:PendingShipmentDetail ns1:InternationalControlledExportDetail ns1:InternationalTrafficInArmsRegulationsDetail ns1:ShipmentDryIceDetail ns1:HomeDeliveryPremiumDetail ns1:FreightGuaranteeDetail ns1:EtdDetail ns1:CustomDeliveryWindowDetail`

annotation documentation

These special services are available at the shipment level for some or all service types. If the shipper is requesting a special service which requires additional data (such as the COD amount), the shipment special service type must be present in the `SpecialServiceTypes` collection, and the supporting detail must be provided in the appropriate sub-object below.

```

source<xs:complexType name="ShipmentSpecialServicesRequested">
  <xs:annotation>
    <xs:documentation>These special services are available at the shipment level for some or all service types. If the shipper is requesting a special service which requires additional data (such as the COD amount), the shipment special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object below.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="SpecialServiceTypes" type="ns:ShipmentSpecialServiceType" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>The types of all special services requested for the enclosing shipment (or other shipment-level transaction).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CodDetail" type="ns:CodDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment. This element is required when SpecialServiceType.COD is present in the SpecialServiceTypes collection.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DeliveryOnInvoiceAcceptanceDetail" type="ns:DeliveryOnInvoiceAcceptanceDetail" minOccurs="0"/>
    <xs:element name="HoldAtLocationDetail" type="ns:HoldAtLocationDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient. This element is required when SpecialServiceType.HOLD_AT_LOCATION is present in the SpecialServiceTypes collection.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="EMailNotificationDetail" type="ns:EMailNotificationDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Descriptive data required for FedEx to provide email notification to the customer regarding the shipment. This element is required when SpecialServiceType.EMAIL_NOTIFICATION is present in the SpecialServiceTypes collection.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ReturnShipmentDetail" type="ns:ReturnShipmentDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The descriptive data required for FedEx Printed Return Label. This element is required when SpecialServiceType.PRINTED_RETURN_LABEL is present in the SpecialServiceTypes collection</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PendingShipmentDetail" type="ns:PendingShipmentDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>This field should be populated for pending shipments (e.g. e-mail label) It is required by a PENDING_SHIPMENT special service type.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="InternationalControlledExportDetail" type="ns:InternationalControlledExportDetail" minOccurs="0"/>
    <xs:element name="InternationalTrafficInArmsRegulationsDetail" type="ns:InternationalTrafficInArmsRegulationsDetail" minOccurs="0"/>
    <xs:element name="ShipmentDryIceDetail" type="ns:ShipmentDryIceDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Number of packages in this shipment which contain dry ice and the total weight of the dry ice for this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

```

</xs:annotation>
</xs:element>
<xs:element name="HomeDeliveryPremiumDetail" type="ns:HomeDeliveryPremiumDetail" minOccurs="0">
<xs:annotation>
  <xs:documentation>The descriptive data required for FedEx Home Delivery options. This element is required when SpecialServiceType.HOME_DELIVERY_PREMIUM is present in the SpecialServiceTypes collection</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="FreightGuaranteeDetail" type="ns:FreightGuaranteeDetail" minOccurs="0"/>
<xs:element name="EtdDetail" type="ns:EtdDetail" minOccurs="0">
<xs:annotation>
  <xs:documentation>Electronic Trade document references.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CustomDeliveryWindowDetail" type="ns:CustomDeliveryWindowDetail" minOccurs="0">
<xs:annotation>
  <xs:documentation>Specification for date or range of dates on which delivery is to be attempted.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType **ShippingDocument**

diagram

	<p><b>ns1:Type</b> type   ns:ReturnedShippingDocumentT... Shipping Document Type</p> <p><b>ns1:Localizations</b> type   ns:Localization 0..∞ The localizations are populated if multiple language versions of a shipping document are returned.</p> <p><b>ns1:Grouping</b> type   ns:ShippingDocumentGroupingT... Specifies how this document image/file is organized.</p> <p><b>ns1:ShippingDocumentDisposition</b> type   ns:ShippingDocumentDisposition...  <b>ns1:AccessReference</b> type   xs:string The name under which a STORED, DEFERRED or EMAILED document is written.</p> <p><b>ns1:ImageType</b> type   ns:ShippingDocumentImageType Specifies the image type of this shipping document.</p> <p><b>ns1:Resolution</b> type   xs:nonNegativeInteger Specifies the image resolution in DPI (dots per inch).</p> <p><b>ns1:CopiesToPrint</b> type   xs:nonNegativeInteger Can be zero for documents whose disposition implies that no content is included.</p> <p><b>ns1:Parts</b> type   ns:ShippingDocumentPart 0..∞ One or more document parts which make up a single logical document, such as multiple pages of a single form.</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Type ns1:Localizations ns1:Grouping ns1:ShippingDocumentDisposition ns1:AccessReference ns1:ImageType ns1:Resolution ns1:CopiesToPrint ns1:Parts
annotation	<p>documentation</p> <p>All package-level shipping documents (other than labels and barcodes).</p>
source	<pre>&lt;xs:complexType name="ShippingDocument"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;All package-level shipping documents (other than labels and barcodes).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:ReturnedShippingDocumentType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Shipping Document Type&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Localizations" type="ns:Localization" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The localizations are populated if multiple language versions of a shipping document are returned.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Grouping" type="ns:ShippingDocumentGroupingType"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how this document image/file is organized.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Disposition" type="ns:ShippingDocumentDispositionType"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the disposition of the document (STORED, DEFERRED or EMAILED).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="AccessReference" type="xs:string"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The name under which a STORED, DEFERRED or EMAILED document is written.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ImageType" type="ns:ShippingDocumentImageType"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the image type of this shipping document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Resolution" type="xs:nonNegativeInteger"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies the image resolution in DPI (dots per inch).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CopiesToPrint" type="xs:nonNegativeInteger"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Can be zero for documents whose disposition implies that no content is included.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Parts" type="ns:ShippingDocumentPart" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;One or more document parts which make up a single logical document, such as multiple pages of a single form.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

```

</xs:element>
<xs:element name="Localizations" type="ns:Localization" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>The localizations are populated if multiple language versions of a shipping document are returned.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Grouping" type="ns:ShippingDocumentGroupingType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies how this document image/file is organized.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ShippingDocumentDisposition" type="ns:ShippingDocumentDispositionType" minOccurs="0"/>
<xs:element name="AccessReference" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The name under which a STORED, DEFERRED or EMAILED document is written.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ImageType" type="ns:ShippingDocumentImageType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the image type of this shipping document.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Resolution" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the image resolution in DPI (dots per inch).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CopiesToPrint" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Can be zero for documents whose disposition implies that no content is included.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Parts" type="ns:ShippingDocumentPart" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>One or more document parts which make up a single logical document, such as multiple pages of a single form.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType **ShippingDocumentDispositionDetail**

diagram

	<pre> classDiagram     class ShippingDocumentDispositionDetail {         &lt;&lt;Each occurrence of this class specifies a particular way in which a kind of shipping document is to be produced and provided.&gt;&gt;     }     class ns1:DispositionType {         &lt;&lt;Values in this field specify how to create and return the document.&gt;&gt;     }     class ns1:Grouping {         &lt;&lt;Specifies how to organize all documents of this type.&gt;&gt;     }     class ns1:EMailDetail {         &lt;&lt;Specifies how to e-mail document images.&gt;&gt;     }     class ns1:PrintDetail {         &lt;&lt;Specifies how a queued document is to be printed.&gt;&gt;     }     ShippingDocumentDispositionDetail &lt; -- ns1:DispositionType     ShippingDocumentDispositionDetail &lt; -- ns1:Grouping     ShippingDocumentDispositionDetail &lt; -- ns1:EMailDetail     ShippingDocumentDispositionDetail &lt; -- ns1:PrintDetail </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:DispositionType ns1:Grouping ns1:EMailDetail ns1:PrintDetail
annotation	<p>documentation</p> <p>Each occurrence of this class specifies a particular way in which a kind of shipping document is to be produced and provided.</p>
source	<pre> &lt;xsd:complexType name="ShippingDocumentDispositionDetail"&gt;     &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Each occurrence of this class specifies a particular way in which a kind of shipping document is to be produced and provided.&lt;/xsd:documentation&gt;     &lt;/xsd:annotation&gt;     &lt;xsd:sequence&gt;         &lt;xsd:element name="DispositionType" type="ns:ShippingDocumentDispositionType" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Values in this field specify how to create and return the document.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="Grouping" type="ns:ShippingDocumentGroupingType" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Specifies how to organize all documents of this type.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="EMailDetail" type="ns:ShippingDocumentEMailDetail" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Specifies how to e-mail document images.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;         &lt;xsd:element name="PrintDetail" type="ns:ShippingDocumentPrintDetail" minOccurs="0"&gt;             &lt;xsd:annotation&gt;                 &lt;xsd:documentation&gt;Specifies how a queued document is to be printed.&lt;/xsd:documentation&gt;             &lt;/xsd:annotation&gt;         &lt;/xsd:element&gt;     &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt; </pre>

#### complexType ShippingDocumentEMailDetail

diagram

	<pre> classDiagram     class ShippingDocumentEMailDetail {         &lt;&lt;Specifies how to e-mail shipping documents.&gt;&gt;     }     class ns1_EMailRecipients {         &lt;&lt;Provides the roles and email addresses for e-mail recipients.&gt;&gt;     }     class ns1_Grouping {         &lt;&lt;Identifies the convention by which documents are to be grouped as e-mail attachments.&gt;&gt;     }     class ns1_Localization {         &lt;&lt;Specifies the language in which the email containing the document is requested to be composed.&gt;&gt;     }      ShippingDocumentEMailDetail "0..∞" --&gt; ns1_EMailRecipients :      ShippingDocumentEMailDetail "0..∞" --&gt; ns1_Grouping :      ShippingDocumentEMailDetail "0..∞" --&gt; ns1_Localization :   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:EMailRecipients ns1:Grouping ns1:Localization
annotation	<p>documentation Specifies how to e-mail shipping documents.</p>
source	<pre> &lt;xsd:complexType name="ShippingDocumentEMailDetail"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Specifies how to e-mail shipping documents.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="EMailRecipients" type="ns:ShippingDocumentEMailRecipient" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Provides the roles and email addresses for e-mail recipients.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Grouping" type="ns:ShippingDocumentEMailGroupingType" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Identifies the convention by which documents are to be grouped as e-mail attachments.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Localization" type="ns:Localization" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Specifies the language in which the email containing the document is requested to be composed.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

#### complexType **ShippingDocumentEMailRecipient**

diagram

	<pre> sequenceDiagram     participant SDER as ShippingDocumentEMailRecipient     participant RT as ns1:RecipientType     participant AD as ns1:Address     SDER-&gt;&gt;RT:      SDER-&gt;&gt;AD:     activate RT     activate AD     deactivate RT     deactivate AD </pre> <p><b>ShippingDocumentEMailRecipient</b></p> <p>Specifies an individual recipient of e-mailed shipping document(s).</p> <p><b>ns1:RecipientType</b> Identifies the relationship of this recipient in the shipment.</p> <p><b>ns1:Address</b> Address to which the document is to be sent.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:RecipientType ns1:Address</b>
annotation	<p>documentation</p> <p>Specifies an individual recipient of e-mailed shipping document(s).</p>
source	<pre> &lt;xs:complexType name="ShippingDocumentEMailRecipient"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies an individual recipient of e-mailed shipping document(s).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="RecipientType" type="ns:EMailNotificationRecipientType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the relationship of this recipient in the shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Address" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Address to which the document is to be sent.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType **ShippingDocumentFormat**

diagram

	<pre> classDiagram     class ShippingDocumentFormat {         &lt;&lt;Specifies characteristics of a shipping document to be produced.&gt;&gt;     }     class Dispositions {         &lt;&lt;Specifies how to create, organize, and return the document.&gt;&gt;         * TopOfPageOffset         * ImageType         * StockType         * ProvideInstructions         * OptionsRequested         * Localization         * CustomDocumentIdentifier     }     class TopOfPageOffset {         &lt;&lt;Specifies how far down the page to move the beginning of the image; allows for printing on letterhead and other pre-printed stock.&gt;&gt;     }     class ImageType {         &lt;&lt;Specifies how to create, organize, and return the document.&gt;&gt;     }     class StockType {         &lt;&lt;Specifies how to create, organize, and return the document.&gt;&gt;     }     class ProvideInstructions {         &lt;&lt;For those shipping document types which have both a "form" and "instructions" component (e.g. NAFTA Certificate of Origin and General Agency Agreement), this field indicates whether to provide the instructions.&gt;&gt;     }     class OptionsRequested {         &lt;&lt;Specifies characteristics of a shipping document to be produced.&gt;&gt;     }     class Localization {         &lt;&lt;Specifies characteristics of a shipping document to be produced.&gt;&gt;     }     class CustomDocumentIdentifier {         &lt;&lt;Specifies characteristics of a shipping document to be produced.&gt;&gt;     }      ShippingDocumentFormat "1" -- "*" Dispositions :      Dispositions "0..infinity" -- "1" TopOfPageOffset :      Dispositions "0..infinity" -- "1" ImageType :      Dispositions "0..infinity" -- "1" StockType :      Dispositions "0..infinity" -- "1" ProvideInstructions :      Dispositions "0..infinity" -- "1" OptionsRequested :      Dispositions "0..infinity" -- "1" Localization :      Dispositions "0..infinity" -- "1" CustomDocumentIdentifier :   </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Dispositions ns1:TopOfPageOffset ns1:ImageType ns1:StockType ns1:ProvideInstructions ns1:OptionsRequested ns1:Localization ns1:CustomDocumentIdentifier
annotation	<p>documentation</p> <p>Specifies characteristics of a shipping document to be produced.</p>
source	<pre> &lt;xs:complexType name="ShippingDocumentFormat"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies characteristics of a shipping document to be produced.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Dispositions" type="ns:ShippingDocumentDispositionDetail" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how to create, organize, and return the document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TopOfPageOffset" type="ns:LinearMeasure" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how far down the page to move the beginning of the image; allows for printing on letterhead and other pre-printed stock.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ImageType" type="ns:ShippingDocumentImageType"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how to create, organize, and return the document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="StockType" type="ns:ShippingDocumentStockType"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies how to create, organize, and return the document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ProvideInstructions" type="xs:boolean"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;For those shipping document types which have both a "form" and "instructions" component (e.g. NAFTA Certificate of Origin and General Agency Agreement), this field indicates whether to provide the instructions.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="OptionsRequested" type="ns:DocumentFormatOptionsReq..."&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies characteristics of a shipping document to be produced.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Localization" type="ns:Localization"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies characteristics of a shipping document to be produced.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CustomDocumentIdentifier" type="xs:string"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the individual document specified by the client.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

```

</xs:annotation>
</xs:element>
<xs:element name="ImageType" type="ns:ShippingDocumentImageType" minOccurs="0"/>
<xs:element name="StockType" type="ns:ShippingDocumentStockType" minOccurs="0"/>
<xs:element name="ProvideInstructions" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>For those shipping document types which have both a "form" and "instructions" component (e.g. NAFTA Certificate of Origin and General Agency Agreement), this field indicates whether to provide the instructions.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OptionsRequested" type="ns:DocumentFormatOptionsRequested" minOccurs="0"/>
<xs:element name="Localization" type="ns:Localization" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Governs the language to be used for this individual document, independently from other content returned for the same shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomDocumentIdentifier" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the individual document specified by the client.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

### complexType ShippingDocumentPart

diagram	<p>A single part of a shipping document, such as one page of a multiple-page document whose format requires a separate image per page.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:DocumentPartSequenceNumber ns1:Image</b>
annotation	<p>documentation</p> <p>A single part of a shipping document, such as one page of a multiple-page document whose format requires a separate image per page.</p>
source	<pre> &lt;xs:complexType name="ShippingDocumentPart"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;A single part of a shipping document, such as one page of a multiple-page document whose format requires a separate image per page.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="DocumentPartSequenceNumber" type="xs:positiveInteger" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The one-origin position of this part within a document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Image" type="xs:base64Binary" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Graphic or printer commands for this image within a document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```

<xs:annotation>
  <xs:documentation>Graphic or printer commands for this image within a document.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType **ShippingDocumentPrintDetail**

diagram	<pre> classDiagram     class ShippingDocumentPrintDetail     class ns1:PrinterId     ShippingDocumentPrintDetail "1" -- "*" ns1:PrinterId     ns1:PrinterId "1" -- "1" ns1:PrinterId     </pre> <p>Specifies printing options for a shipping document.</p> <p><b>ns1:PrinterId</b></p> <p>Provides environment-specific printer identification.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:PrinterId</b>
annotation	<p>documentation</p> <p>Specifies printing options for a shipping document.</p>
source	<pre> &lt;xs:complexType name="ShippingDocumentPrintDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies printing options for a shipping document.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="PrinterId" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Provides environment-specific printer identification.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType **ShippingDocumentSpecification**

diagram	
---------	--

	<pre> classDiagram     class ns1 {         class ShippingDocumentTypes {             type ns1:RequestedShippingDocument...         }         class CertificateOfOrigin {             type ns1:CertificateOfOriginDetail         }         class CommercialInvoiceDetail {             type ns1:CommercialInvoiceDetail         }         class CustomPackageDocumentDetail {             type ns1:CustomPackageDocumentDetail         }         class CustomShipmentDocumentDetail {             type ns1:CustomShipmentDocumentDetail         }         class ExportDeclarationDetail {             type ns1:ExportDeclarationDetail         }         class GeneralAgencyAgreementDetail {             type ns1:GeneralAgencyAgreementDetail         }         class NaftaCertificateOfOriginDetail {             type ns1:NaftaCertificateOfOriginDetail         }         class Op900Detail {             type ns1:Op900Detail         }         class DangerousGoodsShippersDeclarationDetail {             type ns1:DangerousGoodsShippersDeclarationDetail         }         class FreightAddressLabelDetail {             type ns1:FreightAddressLabelDetail         }         class ReturnInstructionsDetail {             type ns1:ReturnInstructionsDetail         }     }     class ShippingDocumentSpecification {         &lt;&gt; ns1:ShippingDocumentTypes         &lt;&gt; ns1:CertificateOfOrigin         &lt;&gt; ns1:CommercialInvoiceDetail         &lt;&gt; ns1:CustomPackageDocumentDetail         &lt;&gt; ns1:CustomShipmentDocumentDetail         &lt;&gt; ns1:ExportDeclarationDetail         &lt;&gt; ns1:GeneralAgencyAgreementDetail         &lt;&gt; ns1:NaftaCertificateOfOriginDetail         &lt;&gt; ns1:Op900Detail         &lt;&gt; ns1:DangerousGoodsShippersDeclarationDetail         &lt;&gt; ns1:FreightAddressLabelDetail         &lt;&gt; ns1:ReturnInstructionsDetail     } </pre> <p><b>ns1:ShippingDocumentSpecification</b></p> <p>Contains all data required for additional (non-label) shipping documents to be produced in conjunction with a specific shipment.</p>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:ShippingDocumentTypes</b> <b>ns1:CertificateOfOrigin</b> <b>ns1:CommercialInvoiceDetail</b> <b>ns1:CustomPackageDocumentDetail</b> <b>ns1:CustomShipmentDocumentDetail</b> <b>ns1:ExportDeclarationDetail</b> <b>ns1:GeneralAgencyAgreementDetail</b> <b>ns1:NaftaCertificateOfOriginDetail</b> <b>ns1:Op900Detail</b> <b>ns1:DangerousGoodsShippersDeclarationDetail</b> <b>ns1:FreightAddressLabelDetail</b> <b>ns1:ReturnInstructionsDetail</b>
annotation	<p>documentation</p> <p>Contains all data required for additional (non-label) shipping documents to be produced in conjunction with a specific shipment.</p>
source	<pre> &lt;xsd:complexType name="ShippingDocumentSpecification"&gt;     &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Contains all data required for additional (non-label) shipping documents to be produced in conjunction with a specific shipment.&lt;/xsd:documentation&gt;     &lt;/xsd:annotation&gt; </pre>

```
</xs:annotation>
<xs:sequence>
  <xs:element name="ShippingDocumentTypes" type="ns:RequestedShippingDocumentType" minOccurs="1"
maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Indicates the types of shipping documents requested by the shipper.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CertificateOfOrigin" type="ns:CertificateOfOriginDetail" minOccurs="0"/>
  <xs:element name="CommercialInvoiceDetail" type="ns:CommercialInvoiceDetail" minOccurs="0"/>
  <xs:element name="CustomPackageDocumentDetail" type="ns:CustomDocumentDetail" minOccurs="0"
maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Specifies the production of each package-level custom document (the same specification is used for
all packages).</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CustomShipmentDocumentDetail" type="ns:CustomDocumentDetail" minOccurs="0"
maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Specifies the production of a shipment-level custom document.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ExportDeclarationDetail" type="ns:ExportDeclarationDetail" minOccurs="0"/>
  <xs:element name="GeneralAgencyAgreementDetail" type="ns:GeneralAgencyAgreementDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>This element is currently not supported and is for future use. (Details pertaining to the
GAA.)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="NaftaCertificateOfOriginDetail" type="ns:NaftaCertificateOfOriginDetail" minOccurs="0"/>
  <xs:element name="Op900Detail" type="ns:Op900Detail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Specifies the production of the OP-900 document for hazardous materials
packages.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DangerousGoodsShippersDeclarationDetail" type="ns:DangerousGoodsShippersDeclarationDetail"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Specifies the production of the 1421c document for dangerous goods shipment.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="FreightAddressLabelDetail" type="ns:FreightAddressLabelDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Specifies the production of the OP-900 document for hazardous materials.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ReturnInstructionsDetail" type="ns:ReturnInstructionsDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Specifies the production of the return instructions document.</xs:documentation>
    </xs:annotation>
  </xs:element>
```

```

</xs:sequence>
</xs:complexType>

```

#### complexType **SignatureOptionDetail**

diagram	<p>The descriptive data required for FedEx delivery signature services.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:OptionType ns1:SignatureReleaseNumber</b>
annotation	<p>documentation</p> <p>The descriptive data required for FedEx delivery signature services.</p>
source	<pre> &lt;xs:complexType name="SignatureOptionDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The descriptive data required for FedEx delivery signature services.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="OptionType" type="ns:SignatureOptionType" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the delivery signature services option selected by the customer for this shipment. See OptionType for the list of valid values.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="SignatureReleaseNumber" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the delivery signature release authorization number.&lt;/xs:documentation&gt;         &lt;xs:appinfo&gt;           &lt;xs:MaxLength&gt;10&lt;/xs:MaxLength&gt;         &lt;/xs:appinfo&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType **SmartPostShipmentDetail**

diagram	
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	<p><b>SmartPostShipmentDetail</b></p> <p>Data required for shipments handled under the SMART_POST and GROUND_SMART_POST service types.</p> <p>The CustomerManifestId is used to group Smart Post packages onto a manifest for each trailer that is being prepared. If you do not have multiple trailers this field can be omitted. If you have multiple trailers, you must assign the same Manifest Id to each SmartPost package as determined by its trailer. In other words, all packages on a trailer must have the same Customer Manifest Id. The manifest Id must be unique to your account number for a minimum of 6 months and cannot exceed 8 characters in length. We recommend you use the day of year + the trailer id (this could simply be a sequential number for that trailer). So if you had 3 trailers that you started loading on Feb 10 the 3 manifest ids would be 041001, 041002, 041003 (in this case we used leading zeros on the trailer numbers).</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:ProcessingOptionsRequested ns1:Indicia ns1:AncillaryEndorsement ns1:HubId ns1:CustomerManifestId</b>
annotation	<p>documentation</p> <p>Data required for shipments handled under the SMART_POST and GROUND_SMART_POST service types.</p>
source	<pre> &lt;xs:complexType name="SmartPostShipmentDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Data required for shipments handled under the SMART_POST and GROUND_SMART_POST service types.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ProcessingOptionsRequested" type="ns:SmartPostShipmentProcessingOptionsRequested" minOccurs="0"/&gt;     &lt;xs:element name="Indicia" type="ns:SmartPostIndiciaType" minOccurs="0"/&gt;     &lt;xs:element name="AncillaryEndorsement" type="ns:SmartPostAncillaryEndorsementType" minOccurs="0"/&gt;     &lt;xs:element name="HubId" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="CustomerManifestId" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;           The CustomerManifestId is used to group Smart Post packages onto a manifest for each trailer that is being prepared. If you do not have multiple trailers this field can be omitted. If you have multiple trailers, you must assign the same Manifest Id to each SmartPost package as determined by its trailer. In other words, all packages on a trailer must have the same Customer Manifest Id. The manifest Id must be unique to your account number for a minimum of 6 months and cannot exceed 8 characters in length. We recommend you use the day of year + the trailer id (this could         &lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

simply be a sequential number for that trailer). So if you had 3 trailers that you started loading on Feb 10 the 3 manifest ids would be 041001, 041002, 041003 (in this case we used leading zeros on the trailer numbers).

```

</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

#### complexType SmartPostShipmentProcessingOptionsRequested

diagram	<pre>graph LR; A[SmartPostShipmentProcessing...] --&gt; B(( )); B --&gt; C["ns1:Options&lt;br/&gt;type ns:SmartPostShipmentProcessin..."]; C -- "0..∞" --&gt; D</pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Options
source	<pre>&lt;xs:complexType name="SmartPostShipmentProcessingOptionsRequested"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Options" type="ns:SmartPostShipmentProcessingOptionType" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType StringBarcode

diagram	<pre>graph LR; A[StringBarcode] --&gt; B(( )); B --&gt; C["ns1:Type&lt;br/&gt;type ns:StringBarcodeType&lt;br/&gt;&lt;br/&gt;The kind of barcode data in this instance."]; B --&gt; D["ns1:Value&lt;br/&gt;type xs:string&lt;br/&gt;&lt;br/&gt;The data content of this instance."]</pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:Type ns1:Value
annotation	<p>documentation Each instance of this data type represents a barcode whose content must be represented as ASCII text (i.e. not binary data).</p>
source	<pre>&lt;xs:complexType name="StringBarcode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Each instance of this data type represents a barcode whose content must be represented as ASCII text (i.e. not binary data).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Type" type="ns:StringBarcodeType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The kind of barcode data in this instance.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Value" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The data content of this instance.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

```

</xs:element>
</xs:sequence>
</xs:complexType>

```

### complexType Surcharge

diagram	<p>The diagram shows a class named 'Surcharge' with a multiplicity of 1..*. It is associated with a dashed box representing a complex type. Inside the dashed box are four attributes: 'ns1:SurchargeType' (type ns:SurchargeType), 'ns1:Level' (type ns:SurchargeLevelType), 'ns1:Description' (type xs:string), and 'ns1:Amount' (type ns:Money).</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:SurchargeType ns1:Level ns1:Description ns1:Amount</b>
annotation	<p>documentation</p> <p>Identifies each surcharge applied to the shipment.</p>
source	<pre> &lt;xs:complexType name="Surcharge"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies each surcharge applied to the shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SurchargeType" type="ns:SurchargeType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The type of surcharge applied to the shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Level" type="ns:SurchargeLevelType" minOccurs="0"/&gt;     &lt;xs:element name="Description" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="Amount" type="ns:Money" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The amount of the surcharge applied to the shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

### complexType Tax

diagram	
---------	--

	<pre> classDiagram     class Tax     class ns1::TaxType {         &lt;&lt;The type of tax applied to the shipment.&gt;&gt;         &lt;&lt;The amount of the tax applied to the shipment.&gt;&gt;     }     class ns1::Description {         &lt;&lt;Documentation for Description element&gt;&gt;     }     class ns1::Amount {         &lt;&lt;Documentation for Amount element&gt;&gt;     }     Tax --&gt; ns1::TaxType     ns1::TaxType &lt; -- ns1::Description     ns1::TaxType &lt; -- ns1::Amount </pre>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:TaxType ns1:Description ns1:Amount</b>
annotation	<p>documentation</p> <p>Identifies each tax applied to the shipment.</p>
source	<pre> &lt;xsd:complexType name="Tax"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Identifies each tax applied to the shipment.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="TaxType" type="ns:TaxType" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;The type of tax applied to the shipment.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Description" type="xs:string" minOccurs="0"/&gt;     &lt;xsd:element name="Amount" type="ns:Money" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;The amount of the tax applied to the shipment.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt; </pre>

#### complexType TaxpayerIdentification

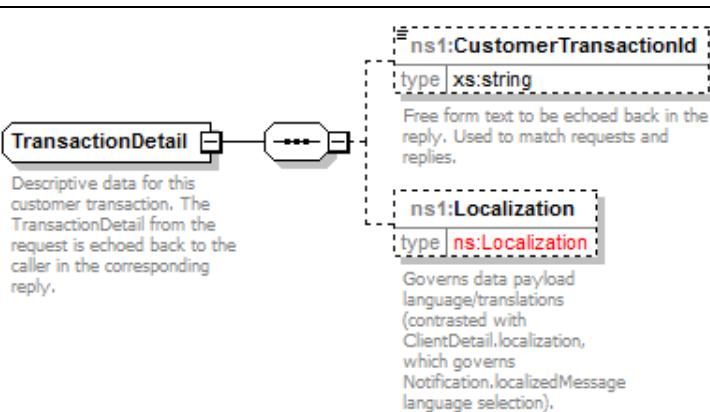
diagram

	<pre> classDiagram     class TaxpayerIdentification {         &lt;&lt;The descriptive data for taxpayer identification information.&gt;&gt;     }     class ns1:TinType {         type ns:TinType     }     class ns1:Number {         type xs:string     }     class ns1:Usage {         type xs:string     }     class ns1:EffectiveDate {         type xs:dateTime     }     class ns1:ExpirationDate {         type xs:dateTime     }      TaxpayerIdentification *--&gt; ns1:TinType     TaxpayerIdentification *--&gt; ns1:Number     TaxpayerIdentification *--&gt; ns1:Usage     TaxpayerIdentification *--&gt; ns1:EffectiveDate     TaxpayerIdentification *--&gt; ns1:ExpirationDate </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:TinType ns1:Number ns1:Usage ns1:EffectiveDate ns1:ExpirationDate
annotation	<p>documentation</p> <p>The descriptive data for taxpayer identification information.</p>
source	<pre> &lt;xs:complexType name="TaxpayerIdentification"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The descriptive data for taxpayer identification information.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:sequence&gt;         &lt;xs:element name="TinType" type="ns:TinType" minOccurs="1"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Identifies the category of the taxpayer identification number. See TinType for the list of values.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Number" type="xs:string" minOccurs="1"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Identifies the taxpayer identification number.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:appinfo&gt;                 &lt;xs:MaxLength&gt;15&lt;/xs:MaxLength&gt;             &lt;/xs:appinfo&gt;         &lt;/xs:element&gt;         &lt;xs:element name="Usage" type="xs:string" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Identifies the usage of Tax Identification Number in Shipment processing&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element name="EffectiveDate" type="xs:dateTime" minOccurs="0"/&gt;         &lt;xs:element name="ExpirationDate" type="xs:dateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

### complexType TrackingId

diagram	<pre> classDiagram     class TrackingId {         &lt;&lt;ns1:TrackingIdType&gt;&gt;         &lt;&lt;type ns:TrackingIdType&gt;&gt;     }     class FormId {         &lt;&lt;ns1:FormId&gt;&gt;         &lt;&lt;type xs:string&gt;&gt;     }     class UspsApplicationId {         &lt;&lt;ns1:UspsApplicationId&gt;&gt;         &lt;&lt;type xs:string&gt;&gt;     }     class TrackingNumber {         &lt;&lt;ns1:TrackingNumber&gt;&gt;         &lt;&lt;type xs:string&gt;&gt;     }      TrackingId --&gt; FormId     FormId --&gt; UspsApplicationId     UspsApplicationId --&gt; TrackingNumber   </pre> <p>For use with SmartPost tracking IDs only</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:TrackingIdType ns1:FormId ns1:UspsApplicationId ns1:TrackingNumber
source	<pre> &lt;xs:complexType name="TrackingId"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="TrackingIdType" type="ns:TrackingIdType" minOccurs="0"/&gt;     &lt;xs:element name="FormId" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="UspsApplicationId" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;For use with SmartPost tracking IDs only&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TrackingNumber" type="xs:string" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

### complexType TransactionDetail

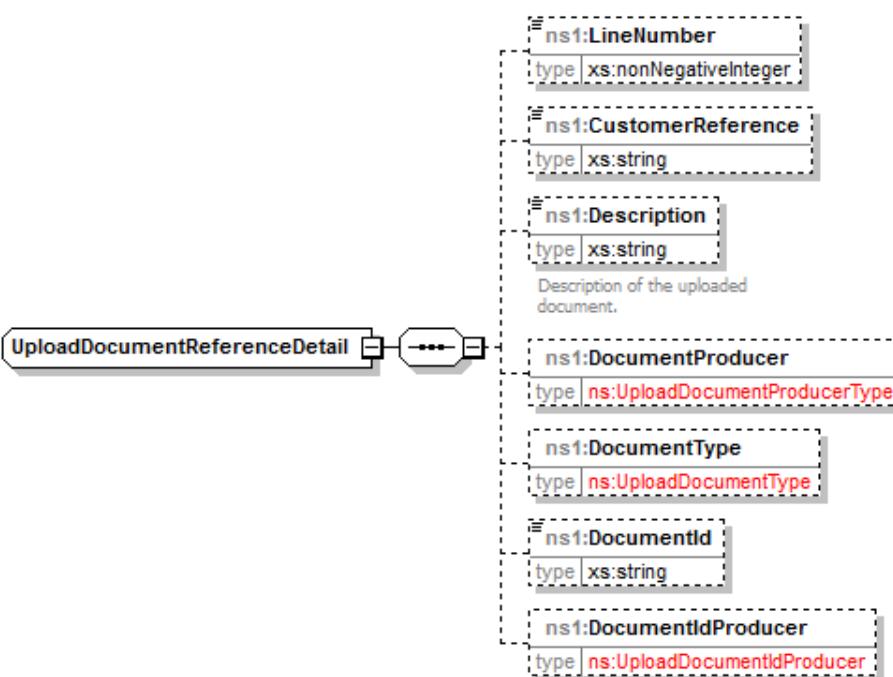
diagram	 <pre> classDiagram     class TransactionDetail {         &lt;&lt;ns1:CustomerTransactionId&gt;&gt;         &lt;&lt;type xs:string&gt;&gt;     }     class CustomerTransactionId {         &lt;&lt;ns1:CustomerTransactionId&gt;&gt;         &lt;&lt;type xs:string&gt;&gt;     }     class Localization {         &lt;&lt;ns1:Localization&gt;&gt;         &lt;&lt;type ns:Localization&gt;&gt;     }      TransactionDetail --&gt; CustomerTransactionId     CustomerTransactionId --&gt; Localization   </pre> <p>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</p> <p>Free form text to be echoed back in the reply. Used to match requests and replies.</p> <p>Governs data payload language/translations (contrasted with ClientDetail.localization, which governs Notification.localizedMessage language selection).</p>
namespace	http://fedex.com/ws/ship/v17
children	ns1:CustomerTransactionId ns1:Localization
annotation	<p>documentation</p> <p>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</p>
source	<pre> &lt;xs:complexType name="TransactionDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:complexType&gt;   </pre>

```

<xs:sequence>
  <xs:element name="CustomerTransactionId" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Free form text to be echoed back in the reply. Used to match requests and replies.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Localization" type="ns:Localization" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Governs data payload language/translations (contrasted with ClientDetail.localization, which governs Notification.localizedMessage language selection).</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType UploadDocumentReferenceDetail

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:LineNumber ns1:CustomerReference ns1:Description ns1:DocumentProducer ns1:DocumentType ns1:DocumentId ns1:DocumentIdProducer
source	<pre> &lt;xs:complexType name="UploadDocumentReferenceDetail"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="LineNumber" type="xs:nonNegativeInteger" minOccurs="0"/&gt;     &lt;xs:element name="CustomerReference" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="Description" type="xs:string" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Description of the uploaded document.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="DocumentProducer" type="ns:UploadDocumentProducerType" minOccurs="0"/&gt;     &lt;xs:element name="DocumentType" type="ns:UploadDocumentType" minOccurs="0"/&gt;     &lt;xs:element name="DocumentId" type="xs:string" minOccurs="0"/&gt;     &lt;xs:element name="DocumentIdProducer" type="ns:UploadDocumentIdProducer" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

```

<xs:element name="DocumentIdProducer" type="ns:UploadDocumentIdProducer" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

complexType **ValidatedHazardousCommodityContent**

diagram



namespace <http://fedex.com/ws/ship/v17>

children **ns1:Description ns1:Quantity ns1:MassPoints ns1:Options ns1:NetExplosiveDetail**

annotation documentation  
Documents the kind and quantity of an individual hazardous commodity in a package.

```

<xs:complexType name="ValidatedHazardousCommodityContent">
    <xs:annotation>
        <xs:documentation>Documents the kind and quantity of an individual hazardous commodity in a package.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="Description" type="ns:ValidatedHazardousCommodityDescription" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies and describes an individual hazardous commodity.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="Quantity" type="ns:HazardousCommodityQuantityDetail" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Specifies the amount of the commodity in alternate units.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="MassPoints" type="xs:decimal" minOccurs="0">
            <xs:annotation>
                <xs:documentation>The mass points are a calculation used by ADR regulations for measuring the risk of a particular hazardous commodity.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>

```

```
</xs:annotation>
</xs:element>
<xs:element name="Options" type="ns:HazardousCommodityOptionDetail" minOccurs="0">
<xs:annotation>
  <xs:documentation>Customer-provided specifications for handling individual commodities.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="NetExplosiveDetail" type="ns:NetExplosiveDetail" minOccurs="0">
<xs:annotation>
  <xs:documentation>The total mass of the contained explosive substances, without the mass of any casings, bullets, shells, etc.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

complexType **ValidatedHazardousCommodityDescription**

diagram

	<pre> classDiagram     class ValidatedHazardousCommodityDescription {         &lt;&lt;ValidatedHazardousCommodity...&gt;&gt;         ns1:id         ns1:SequenceNumber         ns1:PackingGroup         ns1:PackingInstructions         ns1:ProperShippingName         ns1:ProperShippingNameAndDescription         ns1:TechnicalName         ns1:HazardClass         ns1:SubsidiaryClasses         ns1:Symbols         ns1:TunnelRestrictionCode         ns1:SpecialProvisions         ns1:Attributes         ns1:Authorization         ns1:LabelText     }     ValidatedHazardousCommodityDescription &lt; -- HazardousCommodity </pre> <p><b>ValidatedHazardousCommodity...</b></p> <p>Identifies and describes an individual hazardous commodity. For 201001 load, this is based on data from the FedEx Ground Hazardous Materials Shipping Guide.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	ns1:id ns1:SequenceNumber ns1:PackingGroup ns1:PackingInstructions ns1:ProperShippingName ns1:ProperShippingNameAndDescription ns1:TechnicalName ns1:HazardClass ns1:SubsidiaryClasses ns1:Symbols ns1:TunnelRestrictionCode ns1:SpecialProvisions ns1:Attributes ns1:Authorization ns1:LabelText
annotation	<p>documentation</p> <p>Identifies and describes an individual hazardous commodity. For 201001 load, this is based on data from the FedEx Ground Hazardous Materials Shipping Guide.</p>
source	<pre> &lt;xsd:complexType name="ValidatedHazardousCommodityDescription"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Identifies and describes an individual hazardous commodity. For 201001 load, this is based on data   &lt;/xsd:documentation&gt; </pre>

from the FedEx Ground Hazardous Materials Shipping Guide.</xs:documentation>

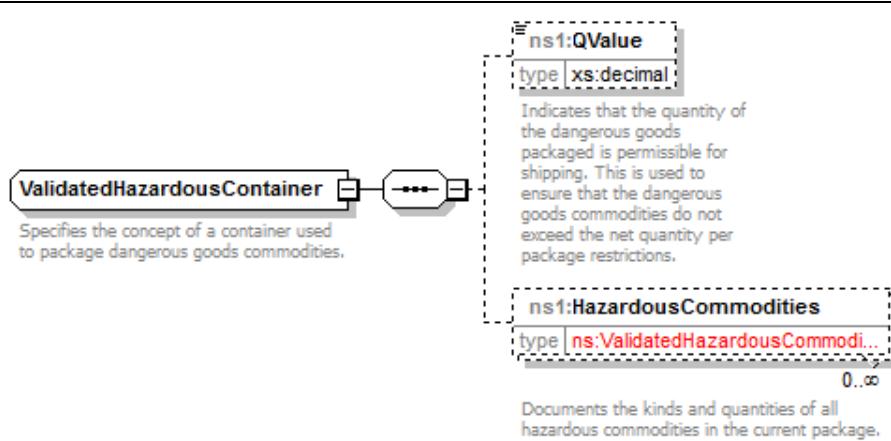
```

</xs:annotation>
<xs:sequence>
  <xs:element name="Id" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Regulatory identifier for a commodity (e.g. "UN ID" value).</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SequenceNumber" type="xs:nonNegativeInteger" minOccurs="0">
    <xs:annotation>
      <xs:documentation>In conjunction with the regulatory identifier, this field uniquely identifies a specific hazardous materials commodity.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PackingGroup" type="ns:HazardousCommodityPackingGroupType" minOccurs="0"/>
  <xs:element name="PackingInstructions" type="xs:string" minOccurs="0"/>
  <xs:element name="ProperShippingName" type="xs:string" minOccurs="0"/>
  <xs:element name="ProperShippingNameAndDescription" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Fully-expanded descriptive text for a hazardous commodity.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TechnicalName" type="xs:string" minOccurs="0"/>
  <xs:element name="HazardClass" type="xs:string" minOccurs="0"/>
  <xs:element name="SubsidiaryClasses" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
  <xs:element name="Symbols" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Coded indications for special requirements or constraints.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TunnelRestrictionCode" type="xs:string" minOccurs="0"/>
  <xs:element name="SpecialProvisions" type="xs:string" minOccurs="0"/>
  <xs:element name="Attributes" type="ns:HazardousCommodityAttributeType" minOccurs="0" maxOccurs="unbounded"/>
  <xs:element name="Authorization" type="xs:string" minOccurs="0"/>
  <xs:element name="LabelText" type="xs:string" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

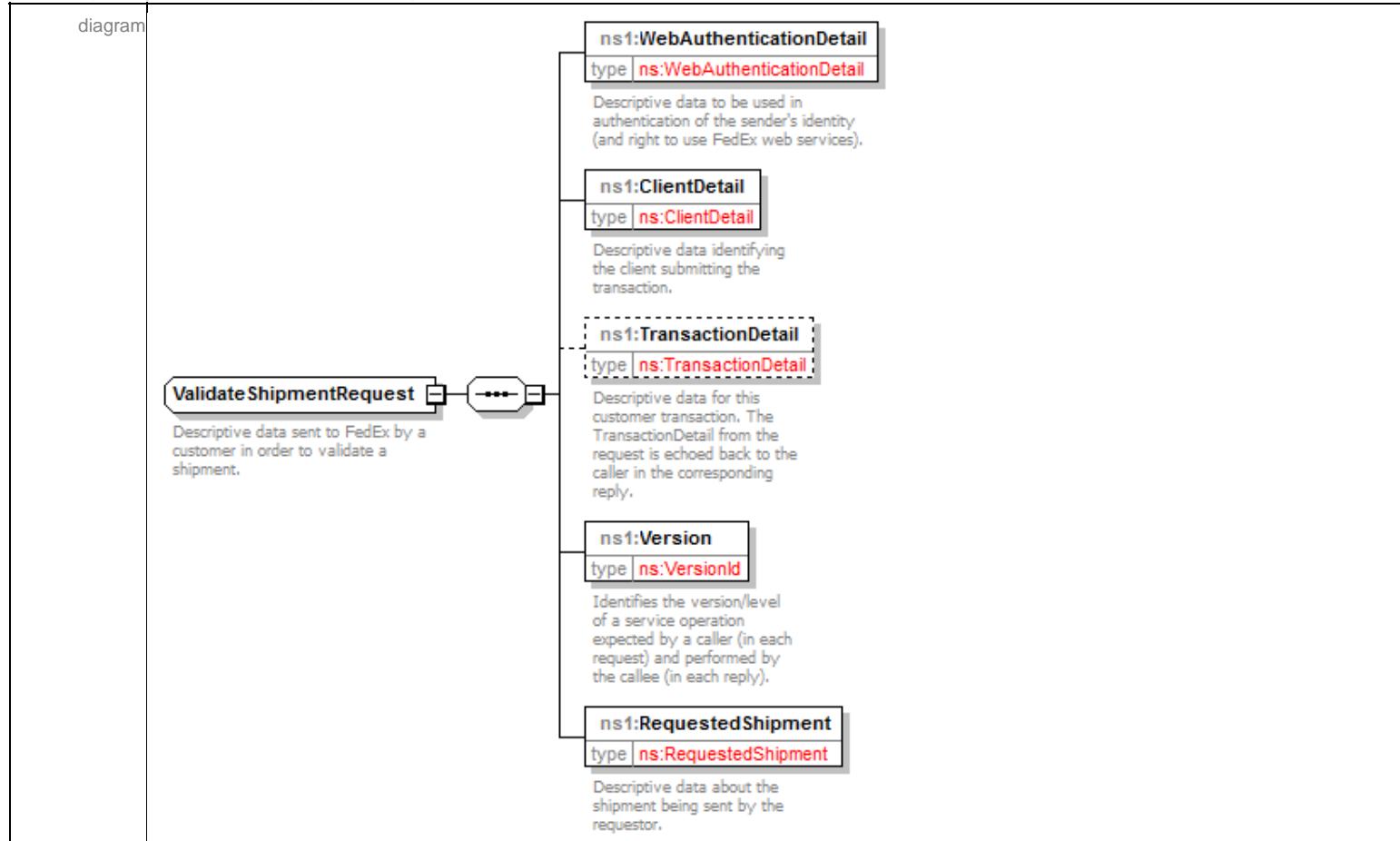
#### complexType ValidatedHazardousContainer

diagram



namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:QValue ns1:HazardousCommodities</b>
annotation	<p>documentation</p> <p>Specifies the concept of a container used to package dangerous goods commodities.</p>
source	<pre> &lt;x:complexType name="ValidatedHazardousContainer"&gt;   &lt;x:annotation&gt;     &lt;x:documentation&gt;Specifies the concept of a container used to package dangerous goods commodities.&lt;/x:documentation&gt;   &lt;/x:annotation&gt;   &lt;x:sequence&gt;     &lt;x:element name="QValue" type="xs:decimal" minOccurs="0"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;Indicates that the quantity of the dangerous goods packaged is permissible for shipping. This is used to ensure that the dangerous goods commodities do not exceed the net quantity per package restrictions.&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;     &lt;x:element name="HazardousCommodities" type="ns:ValidatedHazardousCommodityContent" minOccurs="0" maxOccurs="unbounded"&gt;       &lt;x:annotation&gt;         &lt;x:documentation&gt;Documents the kinds and quantities of all hazardous commodities in the current package.&lt;/x:documentation&gt;       &lt;/x:annotation&gt;     &lt;/x:element&gt;   &lt;/x:sequence&gt; &lt;/x:complexType&gt;</pre>

### complexType ValidateShipmentRequest



namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:WebAuthenticationDetail ns1:ClientDetail ns1:TransactionDetail ns1:Version ns1:RequestedShipment</b>
annotation	<p>documentation Descriptive data sent to FedEx by a customer in order to validate a shipment.</p>
source	<pre> &lt;xs:complexType name="ValidateShipmentRequest"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Descriptive data sent to FedEx by a customer in order to validate a shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ClientDetail" type="ns:ClientDetail" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data identifying the client submitting the transaction.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Version" type="ns:VersionId" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="RequestedShipment" type="ns:RequestedShipment" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Descriptive data about the shipment being sent by the requestor.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### complexType **VariableHandlingChargeDetail**

diagram

	<pre> classDiagram     class VariableHandlingChargeDetail {         &lt;&lt;This definition of variable handling charge detail is intended for use in Jan 2011 corp load.&gt;&gt;     }     class ns1::FixedValue {         type ns::Money     }     class ns1::PercentValue {         type xs::decimal     }     class ns1::RateElementBasis {         type ns::RateElementBasisType     }     class ns1::RateTypeBasis {         type ns::RateTypeBasisType     }      VariableHandlingChargeDetail "1" --&gt; "1" ns1::FixedValue :      VariableHandlingChargeDetail "1" --&gt; "1" ns1::PercentValue :      VariableHandlingChargeDetail "1" --&gt; "1" ns1::RateElementBasis :      VariableHandlingChargeDetail "1" --&gt; "1" ns1::RateTypeBasis :   </pre>
namespace	http://fedex.com/ws/ship/v17
children	<b>ns1:FixedValue ns1:PercentValue ns1:RateElementBasis ns1:RateTypeBasis</b>
annotation	<p>documentation</p> <p>This definition of variable handling charge detail is intended for use in Jan 2011 corp load.</p>
source	<pre> &lt;xs:complexType name="VariableHandlingChargeDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This definition of variable handling charge detail is intended for use in Jan 2011 corp load.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="FixedValue" type="ns:Money" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Used with Variable handling charge type of FIXED_VALUE. Contains the amount to be added to the freight charge. Contains 2 explicit decimal positions with a total max length of 10 including the decimal.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="PercentValue" type="xs:decimal" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Actual percentage (10 means 10%, which is a mutiplier of 0.1)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="RateElementBasis" type="ns:RateElementBasisType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Select the value from a set of rate data to which the percentage is applied.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="RateTypeBasis" type="ns:RateTypeBasisType" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Select the type of rate from which the element is to be selected.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

```

<xs:annotation>
  <xs:documentation>Select the type of rate from which the element is to be selected.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType VariableHandlingCharges

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:VariableHandlingCharge ns1:FixedVariableHandlingCharge ns1:PercentVariableHandlingCharge ns1:TotalCustomerCharge
annotation	<p>documentation</p> <p>The variable handling charges calculated based on the type variable handling charges requested.</p>
source	<pre> &lt;xs:complexType name="VariableHandlingCharges"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The variable handling charges calculated based on the type variable handling charges requested.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="VariableHandlingCharge" type="ns:Money" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The variable handling charge amount calculated based on the requested variable handling charge detail.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="FixedVariableHandlingCharge" type="ns:Money" minOccurs="0"/&gt;     &lt;xs:element name="PercentVariableHandlingCharge" type="ns:Money" minOccurs="0"/&gt;     &lt;xs:element name="TotalCustomerCharge" type="ns:Money" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The calculated varibale handling charge plus the net charge.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType VersionId

diagram	
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	<pre> classDiagram     class VersionId {         &lt;&lt;Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).&gt;&gt;     }     class ns1:ServiceId {         type xs:string         fixed ship         &lt;&lt;Identifies a system or sub-system which performs an operation.&gt;&gt;     }     class ns1:Major {         type xs:int         fixed 17         &lt;&lt;Identifies the service business level.&gt;&gt;     }     class ns1:Intermediate {         type xs:int         fixed 0         &lt;&lt;Identifies the service interface level.&gt;&gt;     }     class ns1:Minor {         type xs:int         fixed 0         &lt;&lt;Identifies the service code level.&gt;&gt;     }     VersionId --&gt; ns1:ServiceId     VersionId --&gt; ns1:Major     VersionId --&gt; ns1:Intermediate     VersionId --&gt; ns1:Minor </pre>
namespace	http://fedex.com/ws/ship/v17
children	ns1:ServiceId ns1:Major ns1:Intermediate ns1:Minor
annotation	<p>documentation</p> <p>Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</p>
source	<pre> &lt;xsd:complexType name="VersionId"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation&gt;Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="ServiceId" type="xs:string" fixed="ship" minOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Identifies a system or sub-system which performs an operation.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Major" type="xs:int" fixed="17" minOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Identifies the service business level.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Intermediate" type="xs:int" fixed="0" minOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Identifies the service interface level.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="Minor" type="xs:int" fixed="0" minOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Identifies the service code level.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt; </pre>

**complexType Volume**

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Units ns1:Value
annotation	<p>documentation Three-dimensional volume/cubic measurement.</p>
source	<pre>&lt;xs:complexType name="Volume"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Three-dimensional volume/cubic measurement.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Units" type="ns:VolumeUnits" minOccurs="0"/&gt;     &lt;xs:element name="Value" type="xs:decimal" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

**complexType WebAuthenticationCredential**

diagram	
namespace	http://fedex.com/ws/ship/v17
children	ns1:Key ns1:Password
annotation	<p>documentation Two part authentication string used for the sender's identity</p>
source	<pre>&lt;xs:complexType name="WebAuthenticationCredential"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Two part authentication string used for the sender's identity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Key" type="xs:string" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifying part of authentication credential. This value is provided by FedEx after registration&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Password" type="xs:string" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Secret part of authentication key. This value is provided by FedEx after registration.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

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</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

#### complexType WebAuthenticationDetail

diagram	<p>This was renamed from cspCredential.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:ParentCredential ns1:UserCredential</b>
annotation	<p>documentation</p> <p>Used in authentication of the sender's identity.</p>
source	<pre> &lt;xs:complexType name="WebAuthenticationDetail"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used in authentication of the sender's identity.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ParentCredential" type="ns:WebAuthenticationCredential" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;This was renamed from cspCredential.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="UserCredential" type="ns:WebAuthenticationCredential" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Credential used to authenticate a specific software application. This value is provided by FedEx after registration.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

#### complexType Weight

diagram	<p>Identifies the unit of measure associated with a weight value.</p> <p>Identifies the weight value of a package/shipment.</p>
namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
children	<b>ns1:Units ns1:Value</b>
annotation	<p>documentation</p>

	The descriptive data for the heaviness of an object.
source	<pre>&lt;xs:complexType name="Weight"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The descriptive data for the heaviness of an object.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Units" type="ns:WeightUnits" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the unit of measure associated with a weight value.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="Value" type="xs:decimal" minOccurs="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Identifies the weight value of a package/shipment.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

#### simpleType AccessorRoleType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value SHIPMENT_COMPLETOR	Annotation
	enumeration	SHIPMENT_INITIATOR	
annotation	<p>documentation</p> <p>Specifies the role that identifies the permissions the accessor of the pending shipment.</p>		
source	<pre>&lt;xs:simpleType name="AccessorRoleType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the role that identifies the permissions the accessor of the pending shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="SHIPMENT_COMPLETOR"/&gt;     &lt;xs:enumeration value="SHIPMENT_INITIATOR"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType AdditionalLabelsType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value BROKER	Annotation
	enumeration	CONSIGNEE	
	enumeration	CUSTOMS	
	enumeration	DESTINATION	
	enumeration	FREIGHT_REFERENCE	
	enumeration	MANIFEST	

	enumeration ORIGIN enumeration RECIPIENT enumeration SHIPPER
annotation	documentation Identifies the type of additional labels.
source	<pre>&lt;xs:simpleType name="AdditionalLabelsType"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Identifies the type of additional labels.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:string"&gt;   &lt;xs:enumeration value="BROKER"/&gt;   &lt;xs:enumeration value="CONSIGNEE"/&gt;   &lt;xs:enumeration value="CUSTOMS"/&gt;   &lt;xs:enumeration value="DESTINATION"/&gt;   &lt;xs:enumeration value="FREIGHT_REFERENCE"/&gt;   &lt;xs:enumeration value="MANIFEST"/&gt;   &lt;xs:enumeration value="ORIGIN"/&gt;   &lt;xs:enumeration value="RECIPIENT"/&gt;   &lt;xs:enumeration value="SHIPPER"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType AlcoholRecipientType

namespace	http://fedex.com/ws/ship/v17											
type	restriction of xs:string											
properties	base xs:string											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CONSUMER</td> <td></td> </tr> <tr> <td>enumeration</td> <td>LICENSEE</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	CONSUMER		enumeration	LICENSEE	
Kind	Value	Annotation										
enumeration	CONSUMER											
enumeration	LICENSEE											
annotation	documentation Specifies the type of license that the recipient of the alcohol shipment has.											
source	<pre>&lt;xs:simpleType name="AlcoholRecipientType"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Specifies the type of license that the recipient of the alcohol shipment has.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:string"&gt;   &lt;xs:enumeration value="CONSUMER"/&gt;   &lt;xs:enumeration value="LICENSEE"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>											

#### simpleType AssociatedShipmentType

namespace	http://fedex.com/ws/ship/v17														
type	restriction of xs:string														
properties	base xs:string														
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN</td> <td></td> </tr> <tr> <td>enumeration</td> <td>COD_RETURN</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN		enumeration	COD_RETURN		enumeration	DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN	
Kind	Value	Annotation													
enumeration	COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN														
enumeration	COD_RETURN														
enumeration	DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN														

source	<pre>&lt;xs:simpleType name="AssociatedShipmentType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN"/&gt;     &lt;xs:enumeration value="COD_RETURN"/&gt;     &lt;xs:enumeration value="DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
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#### simpleType B13AFilingOptionType

namespace	http://fedex.com/ws/ship/v17																				
type	restriction of xs:string																				
properties	base xs:string																				
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>FEDEX_TO_STAMP</td> <td></td> </tr> <tr> <td>enumeration</td> <td>FILED ELECTRONICALLY</td> <td></td> </tr> <tr> <td>enumeration</td> <td>MANUALLY_ATTACHED</td> <td></td> </tr> <tr> <td>enumeration</td> <td>NOT_REQUIRED</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SUMMARY_REPORTING</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	FEDEX_TO_STAMP		enumeration	FILED ELECTRONICALLY		enumeration	MANUALLY_ATTACHED		enumeration	NOT_REQUIRED		enumeration	SUMMARY_REPORTING	
Kind	Value	Annotation																			
enumeration	FEDEX_TO_STAMP																				
enumeration	FILED ELECTRONICALLY																				
enumeration	MANUALLY_ATTACHED																				
enumeration	NOT_REQUIRED																				
enumeration	SUMMARY_REPORTING																				
annotation	<p>documentation</p> <p>Specifies which filing option is being exercised by the customer. Required for non-document shipments originating in Canada destined for any country other than Canada, the United States, Puerto Rico or the U.S. Virgin Islands.</p>																				
source	<pre>&lt;xs:simpleType name="B13AFilingOptionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Specifies which filing option is being exercised by the customer.       Required for non-document shipments originating in Canada destined for any country other than Canada, the United States, Puerto Rico or the U.S. Virgin Islands.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="FEDEX_TO_STAMP"/&gt;     &lt;xs:enumeration value="FILED ELECTRONICALLY"/&gt;     &lt;xs:enumeration value="MANUALLY_ATTACHED"/&gt;     &lt;xs:enumeration value="NOT_REQUIRED"/&gt;     &lt;xs:enumeration value="SUMMARY_REPORTING"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>																				

#### simpleType BarcodeSymbologyType

namespace	http://fedex.com/ws/ship/v17																	
type	restriction of xs:string																	
properties	base xs:string																	
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CODABAR</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CODE128</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CODE128B</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CODE128C</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	CODABAR		enumeration	CODE128		enumeration	CODE128B		enumeration	CODE128C	
Kind	Value	Annotation																
enumeration	CODABAR																	
enumeration	CODE128																	
enumeration	CODE128B																	
enumeration	CODE128C																	

	enumeration CODE128_WIDEBAR enumeration CODE39 enumeration CODE93 enumeration I2OF5 enumeration PDF417 enumeration POSTNET enumeration QR_CODE enumeration UCC128
annotation	documentation Identification of the type of barcode (symbology) used on FedEx documents and labels.
source	<pre>&lt;xs:simpleType name="BarcodeSymbologyType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of the type of barcode (symbology) used on FedEx documents and labels.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CODABAR"/&gt;     &lt;xs:enumeration value="CODE128"/&gt;     &lt;xs:enumeration value="CODE128B"/&gt;     &lt;xs:enumeration value="CODE128C"/&gt;     &lt;xs:enumeration value="CODE128_WIDEBAR"/&gt;     &lt;xs:enumeration value="CODE39"/&gt;     &lt;xs:enumeration value="CODE93"/&gt;     &lt;xs:enumeration value="I2OF5"/&gt;     &lt;xs:enumeration value="PDF417"/&gt;     &lt;xs:enumeration value="POSTNET"/&gt;     &lt;xs:enumeration value="QR_CODE"/&gt;     &lt;xs:enumeration value="UCC128"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType BinaryBarcodeType

namespace	http://fedex.com/ws/ship/v17								
type	restriction of xs:string								
properties	base xs:string								
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>COMMON_2D</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	COMMON_2D	
Kind	Value	Annotation							
enumeration	COMMON_2D								
source	<pre>&lt;xs:simpleType name="BinaryBarcodeType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="COMMON_2D"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>								

#### simpleType BrokerType

namespace	http://fedex.com/ws/ship/v17								
type	restriction of xs:string								
properties	base xs:string								
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>EXPORT</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	EXPORT	
Kind	Value	Annotation							
enumeration	EXPORT								

	enumeration    IMPORT
source	<pre>&lt;xs:simpleType name="BrokerType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="EXPORT"/&gt;     &lt;xs:enumeration value="IMPORT"/gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

	simpleType <b>CarrierCodeType</b>																					
namespace	http://fedex.com/ws/ship/v17																					
type	restriction of <b>xs:string</b>																					
properties	base    xs:string																					
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>FDXC</td> <td></td> </tr> <tr> <td>enumeration</td> <td>FDXE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>FDXG</td> <td></td> </tr> <tr> <td>enumeration</td> <td>FXCC</td> <td></td> </tr> <tr> <td>enumeration</td> <td>FXFR</td> <td></td> </tr> <tr> <td>enumeration</td> <td>FXSP</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	FDXC		enumeration	FDXE		enumeration	FDXG		enumeration	FXCC		enumeration	FXFR		enumeration	FXSP	
Kind	Value	Annotation																				
enumeration	FDXC																					
enumeration	FDXE																					
enumeration	FDXG																					
enumeration	FXCC																					
enumeration	FXFR																					
enumeration	FXSP																					
annotation	<p>documentation</p> <p>Identification of a FedEx operating company (transportation).</p>																					
source	<pre>&lt;xs:simpleType name="CarrierCodeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of a FedEx operating company (transportation).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="FDXC"/gt;     &lt;xs:enumeration value="FDXE"/gt;     &lt;xs:enumeration value="FDXG"/gt;     &lt;xs:enumeration value="FXCC"/gt;     &lt;xs:enumeration value="FXFR"/gt;     &lt;xs:enumeration value="FXSP"/gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>																					

	simpleType <b>ChargeBasisLevelType</b>									
namespace	http://fedex.com/ws/ship/v17									
type	restriction of <b>xs:string</b>									
properties	base    xs:string									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CURRENT_PACKAGE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SUM_OF_PACKAGES</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CURRENT_PACKAGE		enumeration	SUM_OF_PACKAGES	
Kind	Value	Annotation								
enumeration	CURRENT_PACKAGE									
enumeration	SUM_OF_PACKAGES									
source	<pre>&lt;xs:simpleType name="ChargeBasisLevelType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CURRENT_PACKAGE"/gt;     &lt;xs:enumeration value="SUM_OF_PACKAGES"/gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

#### simpleType ClearanceBrokerageType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	BROKER_INCLUSIVE	
	enumeration	BROKER_INCLUSIVE_NON_RESIDENT_IMPORTER	
	enumeration	BROKER_SELECT	
	enumeration	BROKER_SELECT_NON_RESIDENT_IMPORTER	
	enumeration	BROKER_UNASSIGNED	
annotation	documentation Specifies the type of brokerage to be applied to a shipment.		
source	<pre>&lt;xs:simpleType name="ClearanceBrokerageType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the type of brokerage to be applied to a shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BROKER_INCLUSIVE"/&gt;     &lt;xs:enumeration value="BROKER_INCLUSIVE_NON_RESIDENT_IMPORTER"/&gt;     &lt;xs:enumeration value="BROKER_SELECT"/&gt;     &lt;xs:enumeration value="BROKER_SELECT_NON_RESIDENT_IMPORTER"/&gt;     &lt;xs:enumeration value="BROKER_UNASSIGNED"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType CodAddTransportationChargeBasisType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	COD_SURCHARGE	
	enumeration	NET_CHARGE	
	enumeration	NET_FREIGHT	
	enumeration	TOTAL_CUSTOMER_CHARGE	
source	<pre>&lt;xs:simpleType name="CodAddTransportationChargeBasisType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="COD_SURCHARGE"/&gt;     &lt;xs:enumeration value="NET_CHARGE"/&gt;     &lt;xs:enumeration value="NET_FREIGHT"/&gt;     &lt;xs:enumeration value="TOTAL_CUSTOMER_CHARGE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType CodAdjustmentType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		

	facets	Kind enumeration	Value CHARGES_ADDED	Annotation
		enumeration	NONE	
annotation	documentation Specifies the type of adjustment was performed to the COD collection amount during rating.			
source	<pre>&lt;xs:simpleType name="CodAdjustmentType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the type of adjustment was performed to the COD collection amount during rating.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CHARGES_ADDED"/&gt;     &lt;xs:enumeration value="NONE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>			

#### simpleType CodCollectionType

namespace	http://fedex.com/ws/ship/v17																				
type	restriction of xs:string																				
properties	base xs:string																				
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>ANY</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CASH</td> <td></td> </tr> <tr> <td>enumeration</td> <td>COMPANY_CHECK</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GUARANTEED_FUNDS</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PERSONAL_CHECK</td> <td></td> </tr> </table>			Kind	Value	Annotation	enumeration	ANY		enumeration	CASH		enumeration	COMPANY_CHECK		enumeration	GUARANTEED_FUNDS		enumeration	PERSONAL_CHECK	
Kind	Value	Annotation																			
enumeration	ANY																				
enumeration	CASH																				
enumeration	COMPANY_CHECK																				
enumeration	GUARANTEED_FUNDS																				
enumeration	PERSONAL_CHECK																				
annotation	documentation Identifies the type of funds FedEx should collect upon shipment delivery.																				
source	<pre>&lt;xs:simpleType name="CodCollectionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the type of funds FedEx should collect upon shipment delivery.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ANY"/&gt;     &lt;xs:enumeration value="CASH"/&gt;     &lt;xs:enumeration value="COMPANY_CHECK"/&gt;     &lt;xs:enumeration value="GUARANTEED_FUNDS"/&gt;     &lt;xs:enumeration value="PERSONAL_CHECK"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>																				

#### simpleType CodReturnReferenceIndicatorType

namespace	http://fedex.com/ws/ship/v17																	
type	restriction of xs:string																	
properties	base xs:string																	
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>INVOICE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PO</td> <td></td> </tr> <tr> <td>enumeration</td> <td>REFERENCE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>TRACKING</td> <td></td> </tr> </table>			Kind	Value	Annotation	enumeration	INVOICE		enumeration	PO		enumeration	REFERENCE		enumeration	TRACKING	
Kind	Value	Annotation																
enumeration	INVOICE																	
enumeration	PO																	
enumeration	REFERENCE																	
enumeration	TRACKING																	

annotation	documentation Indicates which type of reference information to include on the COD return shipping label.
source	<pre>&lt;xs:simpleType name="CodReturnReferenceIndicatorType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates which type of reference information to include on the COD return shipping label.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="INVOICE"/&gt;     &lt;xs:enumeration value="PO"/&gt;     &lt;xs:enumeration value="REFERENCE"/&gt;     &lt;xs:enumeration value="TRACKING"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType CustomDeliveryWindowType

namespace	http://fedex.com/ws/ship/v17																	
type	restriction of xs:string																	
properties	base xs:string																	
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>AFTER</td> <td></td> </tr> <tr> <td>enumeration</td> <td>BEFORE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>BETWEEN</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ON</td> <td></td> </tr> </table>			Kind	Value	Annotation	enumeration	AFTER		enumeration	BEFORE		enumeration	BETWEEN		enumeration	ON	
Kind	Value	Annotation																
enumeration	AFTER																	
enumeration	BEFORE																	
enumeration	BETWEEN																	
enumeration	ON																	
source	<pre>&lt;xs:simpleType name="CustomDeliveryWindowType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="AFTER"/&gt;     &lt;xs:enumeration value="BEFORE"/&gt;     &lt;xs:enumeration value="BETWEEN"/&gt;     &lt;xs:enumeration value="ON"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>																	

#### simpleType CustomerImageUsageType

namespace	http://fedex.com/ws/ship/v17											
type	restriction of xs:string											
properties	base xs:string											
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>LETTER_HEAD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SIGNATURE</td> <td></td> </tr> </table>			Kind	Value	Annotation	enumeration	LETTER_HEAD		enumeration	SIGNATURE	
Kind	Value	Annotation										
enumeration	LETTER_HEAD											
enumeration	SIGNATURE											
source	<pre>&lt;xs:simpleType name="CustomerImageUsageType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="LETTER_HEAD"/&gt;     &lt;xs:enumeration value="SIGNATURE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>											

#### simpleType CustomerReferenceType

namespace	http://fedex.com/ws/ship/v17	
type	restriction of xs:string	
properties	base	xs:string
facets	Kind	Value
	enumeration	BILL_OF_LADING
	enumeration	CUSTOMER_REFERENCE
	enumeration	DEPARTMENT_NUMBER
	enumeration	ELECTRONIC_PRODUCT_CODE
	enumeration	INTRACOUNTRY_REGULATORY_REFERENCE
	enumeration	INVOICE_NUMBER
	enumeration	P_O_NUMBER
	enumeration	RMA_ASSOCIATION
	enumeration	SHIPMENT_INTEGRITY
	enumeration	STORE_NUMBER
annotation	documentation The types of references available for use.	
source	<pre>&lt;xs:simpleType name="CustomerReferenceType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The types of references available for use.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BILL_OF_LADING"/&gt;     &lt;xs:enumeration value="CUSTOMER_REFERENCE"/&gt;     &lt;xs:enumeration value="DEPARTMENT_NUMBER"/&gt;     &lt;xs:enumeration value="ELECTRONIC_PRODUCT_CODE"/&gt;     &lt;xs:enumeration value="INTRACOUNTRY_REGULATORY_REFERENCE"/&gt;     &lt;xs:enumeration value="INVOICE_NUMBER"/&gt;     &lt;xs:enumeration value="P_O_NUMBER"/&gt;     &lt;xs:enumeration value="RMA_ASSOCIATION"/&gt;     &lt;xs:enumeration value="SHIPMENT_INTEGRITY"/&gt;     &lt;xs:enumeration value="STORE_NUMBER"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	

### simpleType CustomerSpecifiedLabelGenerationOptionType

namespace	http://fedex.com/ws/ship/v17	
type	restriction of xs:string	
properties	base	xs:string
facets	Kind	Value
	enumeration	CONTENT_ON_SHIPPING_LABEL_ONLY
	enumeration	CONTENT_ON_SHIPPING_LABEL_PREFERRED
	enumeration	CONTENT_ON_SUPPLEMENTAL_LABEL_ONLY
source	<pre>&lt;xs:simpleType name="CustomerSpecifiedLabelGenerationOptionType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CONTENT_ON_SHIPPING_LABEL_ONLY"/&gt;     &lt;xs:enumeration value="CONTENT_ON_SHIPPING_LABEL_PREFERRED"/&gt;     &lt;xs:enumeration value="CONTENT_ON_SUPPLEMENTAL_LABEL_ONLY"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	

**simpleType CustomLabelCoordinateUnits**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind enumeration	Value MILS	Annotation
	enumeration	PIXELS	
annotation	documentation Valid values for CustomLabelCoordinateUnits		
source	<pre>&lt;xs:simpleType name="CustomLabelCoordinateUnits"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Valid values for CustomLabelCoordinateUnits&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="MILS"/&gt;     &lt;xs:enumeration value="PIXELS"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType CustomsDeclarationStatementType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind enumeration	Value NAFTA_LOW_VALUE	Annotation
annotation	documentation This indicates the different statements, declarations, acts, and certifications that may apply to a shipment.		
source	<pre>&lt;xs:simpleType name="CustomsDeclarationStatementType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This indicates the different statements, declarations, acts, and certifications that may apply to a shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="NAFTA_LOW_VALUE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType CustomsOptionType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind enumeration	Value COURTESY_RETURN_LABEL	Annotation
	enumeration	EXHIBITION_TRADE_SHOW	
	enumeration	FAULTY_ITEM	
	enumeration	FOLLOWING_REPAIR	
	enumeration	FOR_REPAIR	
	enumeration	ITEM_FOR_LOAN	
	enumeration	OTHER	

	enumeration REJECTED enumeration REPLACEMENT enumeration TRIAL
source	<pre>&lt;xs:simpleType name="CustomsOptionType"&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:enumeration value="COURTESY_RETURN_LABEL"/&gt; &lt;xs:enumeration value="EXHIBITION_TRADE_SHOW"/&gt; &lt;xs:enumeration value="FAULTY_ITEM"/&gt; &lt;xs:enumeration value="FOLLOWING_REPAIR"/&gt; &lt;xs:enumeration value="FOR_REPAIR"/&gt; &lt;xs:enumeration value="ITEM_FOR_LOAN"/&gt; &lt;xs:enumeration value="OTHER"/&gt; &lt;xs:enumeration value="REJECTED"/&gt; &lt;xs:enumeration value="REPLACEMENT"/&gt; &lt;xs:enumeration value="TRIAL"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType CustomsRoleType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	EXPORTER	
	enumeration	IMPORTER	
	enumeration	LEGAL_AGENT	
	enumeration	PRODUCER	
source	<pre>&lt;xs:simpleType name="CustomsRoleType"&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:enumeration value="EXPORTER"/&gt; &lt;xs:enumeration value="IMPORTER"/&gt; &lt;xs:enumeration value="LEGAL_AGENT"/&gt; &lt;xs:enumeration value="PRODUCER"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType DangerousGoodsAccessibilityType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	ACCESSIBLE	
	enumeration	INACCESSIBLE	
source	<pre>&lt;xs:simpleType name="DangerousGoodsAccessibilityType"&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:enumeration value="ACCESSIBLE"/&gt; &lt;xs:enumeration value="INACCESSIBLE"/&gt;</pre>		

	<pre>&lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
--	---

#### simpleType DangerousGoodsPackingOptionType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	OVERPACK	
source	<pre>&lt;xs:simpleType name="DangerousGoodsPackingOptionType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="OVERPACK"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType DayOfWeekType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	FRI	
	enumeration	MON	
	enumeration	SAT	
	enumeration	SUN	
	enumeration	THU	
	enumeration	TUE	
	enumeration	WED	
annotation	documentation Valid values for DayofWeekType		
source	<pre>&lt;xs:simpleType name="DayOfWeekType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Valid values for DayofWeekType&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="FRI"/&gt;     &lt;xs:enumeration value="MON"/&gt;     &lt;xs:enumeration value="SAT"/&gt;     &lt;xs:enumeration value="SUN"/&gt;     &lt;xs:enumeration value="THU"/&gt;     &lt;xs:enumeration value="TUE"/&gt;     &lt;xs:enumeration value="WED"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType DeletionControlType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
	base	xs:string	

properties																
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>DELETE_ALL_PACKAGES</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DELETE_ENTIRE_CONSOLIDATION</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DELETE_ONE_PACKAGE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>LEGACY</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	DELETE_ALL_PACKAGES		enumeration	DELETE_ENTIRE_CONSOLIDATION		enumeration	DELETE_ONE_PACKAGE		enumeration	LEGACY	
Kind	Value	Annotation														
enumeration	DELETE_ALL_PACKAGES															
enumeration	DELETE_ENTIRE_CONSOLIDATION															
enumeration	DELETE_ONE_PACKAGE															
enumeration	LEGACY															
annotation	<p>documentation</p> <p>Specifies the type of deletion to be performed on a shipment.</p>															
source	<pre>&lt;xs:simpleType name="DeletionControlType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the type of deletion to be performed on a shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="DELETE_ALL_PACKAGES"/&gt;     &lt;xs:enumeration value="DELETE_ENTIRE_CONSOLIDATION"/&gt;     &lt;xs:enumeration value="DELETE_ONE_PACKAGE"/&gt;     &lt;xs:enumeration value="LEGACY"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>															

#### simpleType DestinationControlStatementType

namespace	http://fedex.com/ws/ship/v17									
type	restriction of xs:string									
properties	base xs:string									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>DEPARTMENT_OF_COMMERCE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DEPARTMENT_OF_STATE</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	DEPARTMENT_OF_COMMERCE		enumeration	DEPARTMENT_OF_STATE	
Kind	Value	Annotation								
enumeration	DEPARTMENT_OF_COMMERCE									
enumeration	DEPARTMENT_OF_STATE									
annotation	<p>documentation</p> <p>Used to indicate whether the Destination Control Statement is of type Department of Commerce, Department of State or both.</p>									
source	<pre>&lt;xs:simpleType name="DestinationControlStatementType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used to indicate whether the Destination Control Statement is of type Department of Commerce, Department of State or both.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="DEPARTMENT_OF_COMMERCE"/&gt;     &lt;xs:enumeration value="DEPARTMENT_OF_STATE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

#### simpleType DocTabContentType

namespace	http://fedex.com/ws/ship/v17																		
type	restriction of xs:string																		
properties	base xs:string																		
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>BARCODED</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CUSTOM</td> <td></td> </tr> <tr> <td>enumeration</td> <td>MINIMUM</td> <td></td> </tr> <tr> <td>enumeration</td> <td>STANDARD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ZONE001</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	BARCODED		enumeration	CUSTOM		enumeration	MINIMUM		enumeration	STANDARD		enumeration	ZONE001	
Kind	Value	Annotation																	
enumeration	BARCODED																		
enumeration	CUSTOM																		
enumeration	MINIMUM																		
enumeration	STANDARD																		
enumeration	ZONE001																		

```

source<xs:simpleType name="DocTabContentType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="BARCODED"/>
    <xs:enumeration value="CUSTOM"/>
    <xs:enumeration value="MINIMUM"/>
    <xs:enumeration value="STANDARD"/>
    <xs:enumeration value="ZONE001"/>
  </xs:restriction>
</xs:simpleType>

```

#### simpleType DocTabZoneJustificationType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value LEFT	Annotation
	enumeration	RIGHT	
source	<xs:simpleType name="DocTabZoneJustificationType">   <xs:restriction base="xs:string">     <xs:enumeration value="LEFT"/>     <xs:enumeration value="RIGHT"/>   </xs:restriction> </xs:simpleType>		

#### simpleType DocumentFormatOptionType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value SUPPRESS_ADDITIONAL_LANGUAGES	Annotation
source	<xs:simpleType name="DocumentFormatOptionType">   <xs:restriction base="xs:string">     <xs:enumeration value="SUPPRESS_ADDITIONAL_LANGUAGES"/>   </xs:restriction> </xs:simpleType>		

#### simpleType DropoffType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value BUSINESS_SERVICE_CENTER	Annotation
	enumeration	DROP_BOX	
	enumeration	REGULAR_PICKUP	
	enumeration	REQUEST_COURIER	
	enumeration	STATION	
annotation	documentation		

	Identifies the method by which the package is to be tendered to FedEx. This element does not dispatch a courier for package pickup.
source	<pre>&lt;xs:simpleType name="DropoffType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the method by which the package is to be tendered to FedEx. This element does not dispatch a courier for package pickup.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BUSINESS_SERVICE_CENTER"/&gt;     &lt;xs:enumeration value="DROP_BOX"/&gt;     &lt;xs:enumeration value="REGULAR_PICKUP"/&gt;     &lt;xs:enumeration value="REQUEST_COURIER"/&gt;     &lt;xs:enumeration value="STATION"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType EdtRequestType

namespace	http://fedex.com/ws/ship/v17											
type	restriction of xs:string											
properties	base xs:string											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>ALL</td> <td></td> </tr> <tr> <td>enumeration</td> <td>NONE</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	ALL		enumeration	NONE	
Kind	Value	Annotation										
enumeration	ALL											
enumeration	NONE											
annotation	<p>documentation</p> <p>Specifies the types of Estimated Duties and Taxes to be included in a rate quotation for an international shipment.</p>											
source	<pre>&lt;xs:simpleType name="EdtRequestType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the types of Estimated Duties and Taxes to be included in a rate quotation for an international shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ALL"/&gt;     &lt;xs:enumeration value="NONE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>											

#### simpleType EdtTaxType

namespace	http://fedex.com/ws/ship/v17																																			
type	restriction of xs:string																																			
properties	base xs:string																																			
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	enumeration OTHER enumeration SENSITIVE_PRODUCTS_TAX enumeration STAMP_TAX enumeration STATISTICAL_TAX enumeration TRANSPORT_FACILITIES_TAX
source	<pre>&lt;xs:simpleType name="EdtTaxType"&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:enumeration value="ADDITIONAL_TAXES"/&gt; &lt;xs:enumeration value="CONSULAR_INVOICE_FEE"/&gt; &lt;xs:enumeration value="CUSTOMS_SURCHARGES"/&gt; &lt;xs:enumeration value="DUTY"/&gt; &lt;xs:enumeration value="EXCISE_TAX"/&gt; &lt;xs:enumeration value="FOREIGN_EXCHANGE_TAX"/&gt; &lt;xs:enumeration value="GENERAL_SALES_TAX"/&gt; &lt;xs:enumeration value="IMPORT_LICENSE_FEE"/&gt; &lt;xs:enumeration value="INTERNAL_ADDITIONAL_TAXES"/&gt; &lt;xs:enumeration value="INTERNAL_SENSITIVE_PRODUCTS_TAX"/&gt; &lt;xs:enumeration value="OTHER"/&gt; &lt;xs:enumeration value="SENSITIVE_PRODUCTS_TAX"/&gt; &lt;xs:enumeration value="STAMP_TAX"/&gt; &lt;xs:enumeration value="STATISTICAL_TAX"/&gt; &lt;xs:enumeration value="TRANSPORT_FACILITIES_TAX"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType EMailNotificationAggregationType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	PER_PACKAGE	
	enumeration	PER_SHIPMENT	
source	<pre>&lt;xs:simpleType name="EMailNotificationAggregationType"&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:enumeration value="PER_PACKAGE"/&gt; &lt;xs:enumeration value="PER_SHIPMENT"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType EMailNotificationEventType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	ON_DELIVERY	
	enumeration	ON_EXCEPTION	
	enumeration	ON_SHIPMENT	
	enumeration	ON_TENDER	

source	<pre>&lt;xs:simpleType name="EMailNotificationEventType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ON_DELIVERY"/&gt;     &lt;xs:enumeration value="ON_EXCEPTION"/&gt;     &lt;xs:enumeration value="ON_SHIPMENT"/&gt;     &lt;xs:enumeration value="ON_TENDER"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
--------	--

#### simpleType EMailNotificationFormatType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	HTML	
	enumeration	TEXT	
	enumeration	WIRELESS	
annotation	documentation The format of the email		
source	<pre>&lt;xs:simpleType name="EMailNotificationFormatType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The format of the email&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="HTML"/&gt;     &lt;xs:enumeration value="TEXT"/&gt;     &lt;xs:enumeration value="WIRELESS"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType EMailNotificationRecipientType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	BROKER	
	enumeration	OTHER	
	enumeration	RECIPIENT	
	enumeration	SHIPPER	
	enumeration	THIRD_PARTY	
annotation	documentation Identifies the set of valid email notification recipient types. For SHIPPER, RECIPIENT and BROKER the email address associated with their definitions will be used, any email address sent with the email notification for these three email notification recipient types will be ignored.		
source	<pre>&lt;xs:simpleType name="EMailNotificationRecipientType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the set of valid email notification recipient types. For SHIPPER, RECIPIENT and BROKER the email address associated with their definitions will be used, any email address sent with the email notification for these three email notification recipient types will be ignored.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;</pre>		

```

<xs:enumeration value="BROKER"/>
<xs:enumeration value="OTHER"/>
<xs:enumeration value="RECIPIENT"/>
<xs:enumeration value="SHIPPER"/>
<xs:enumeration value="THIRD_PARTY"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType EmailOptionType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	SUPPRESS_ACCESS_EMAILS	
	enumeration	SUPPRESS_ADDITIONAL_LANGUAGES	
source	<xs:simpleType name="EmailOptionType">   <xs:restriction base="xs:string">     <xs:enumeration value="SUPPRESS_ACCESS_EMAILS"/>     <xs:enumeration value="SUPPRESS_ADDITIONAL_LANGUAGES"/>   </xs:restriction> </xs:simpleType>		

#### simpleType FedExLocationType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	FEDEX_EXPRESS_STATION	
	enumeration	FEDEX_FACILITY	
	enumeration	FEDEX_FREIGHT_SERVICE_CENTER	
	enumeration	FEDEX_GROUND_TERMINAL	
	enumeration	FEDEX_HOME_DELIVERY_STATION	
	enumeration	FEDEX_OFFICE	
	enumeration	FEDEX_SHIPSITE	
	enumeration	FEDEX_SMART_POST_HUB	
annotation	documentation Identifies a kind of FedEx facility.		
source	<xs:simpleType name="FedExLocationType">   <xs:annotation>     <xs:documentation>Identifies a kind of FedEx facility.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="FEDEX_EXPRESS_STATION"/>     <xs:enumeration value="FEDEX_FACILITY"/>     <xs:enumeration value="FEDEX_FREIGHT_SERVICE_CENTER"/>     <xs:enumeration value="FEDEX_GROUND_TERMINAL"/>     <xs:enumeration value="FEDEX_HOME_DELIVERY_STATION"/>     <xs:enumeration value="FEDEX_OFFICE"/>     <xs:enumeration value="FEDEX_SHIPSITE"/>   </xs:restriction> </xs:simpleType>		

	<pre> &lt;xs:enumeration value="FEDEX_SMART_POST_HUB"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
--	--

#### simpleType FreightBaseChargeCalculationType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	BEYOND	
	enumeration	LINE_ITEMS	
	enumeration	UNIT_PRICING	
annotation	<p>documentation</p> <p>Specifies the way in which base charges for a Freight shipment or shipment leg are calculated.</p>		
source	<pre> &lt;xs:simpleType name="FreightBaseChargeCalculationType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the way in which base charges for a Freight shipment or shipment leg are calculated.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BEYOND"/&gt;     &lt;xs:enumeration value="LINE_ITEMS"/&gt;     &lt;xs:enumeration value="UNIT_PRICING"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

#### simpleType FreightChargeBasisType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	CWT	
	enumeration	FLAT	
	enumeration	MINIMUM	
source	<pre> &lt;xs:simpleType name="FreightChargeBasisType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CWT"/&gt;     &lt;xs:enumeration value="FLAT"/&gt;     &lt;xs:enumeration value="MINIMUM"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

#### simpleType FreightClassType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	CLASS_050	

	enumeration CLASS_055 enumeration CLASS_060 enumeration CLASS_065 enumeration CLASS_070 enumeration CLASS_077_5 enumeration CLASS_085 enumeration CLASS_092_5 enumeration CLASS_100 enumeration CLASS_110 enumeration CLASS_125 enumeration CLASS_150 enumeration CLASS_175 enumeration CLASS_200 enumeration CLASS_250 enumeration CLASS_300 enumeration CLASS_400 enumeration CLASS_500
annotation	documentation These values represent the industry-standard freight classes used for FedEx Freight and FedEx National Freight shipment description. (Note: The alphabetic prefixes are required to distinguish these values from decimal numbers on some client platforms.)
source	<pre>&lt;xs:simpleType name="FreightClassType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;These values represent the industry-standard freight classes used for FedEx Freight and FedEx National Freight shipment description. (Note: The alphabetic prefixes are required to distinguish these values from decimal numbers on some client platforms.)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CLASS_050"/&gt;     &lt;xs:enumeration value="CLASS_055"/&gt;     &lt;xs:enumeration value="CLASS_060"/&gt;     &lt;xs:enumeration value="CLASS_065"/&gt;     &lt;xs:enumeration value="CLASS_070"/&gt;     &lt;xs:enumeration value="CLASS_077_5"/&gt;     &lt;xs:enumeration value="CLASS_085"/&gt;     &lt;xs:enumeration value="CLASS_092_5"/&gt;     &lt;xs:enumeration value="CLASS_100"/&gt;     &lt;xs:enumeration value="CLASS_110"/&gt;     &lt;xs:enumeration value="CLASS_125"/&gt;     &lt;xs:enumeration value="CLASS_150"/&gt;     &lt;xs:enumeration value="CLASS_175"/&gt;     &lt;xs:enumeration value="CLASS_200"/&gt;     &lt;xs:enumeration value="CLASS_250"/&gt;     &lt;xs:enumeration value="CLASS_300"/&gt;     &lt;xs:enumeration value="CLASS_400"/&gt;     &lt;xs:enumeration value="CLASS_500"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType FreightCollectTermsType

namespace	<a href="http://fedex.com/ws/ship/v17">http://fedex.com/ws/ship/v17</a>
type	restriction of <b>xs:string</b>

properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	NON_REOURSE_SHIPPER_SIGNED	
	enumeration	STANDARD	
source	<xs:simpleType name="FreightCollectTermsType"> <xs:restriction base="xs:string"> <xs:enumeration value="NON_REOURSE_SHIPPER_SIGNED"/> <xs:enumeration value="STANDARD"/> </xs:restriction> </xs:simpleType>		

#### simpleType FreightGuaranteeType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	GUARANTEED_DATE	
	enumeration	GUARANTEED_MORNING	
source	<xs:simpleType name="FreightGuaranteeType"> <xs:restriction base="xs:string"> <xs:enumeration value="GUARANTEED_DATE"/> <xs:enumeration value="GUARANTEED_MORNING"/> </xs:restriction> </xs:simpleType>		

#### simpleType FreightOnValueType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	CARRIER_RISK	
	enumeration	OWN_RISK	
annotation	documentation Identifies responsibilities with respect to loss, damage, etc.		
source	<xs:simpleType name="FreightOnValueType"> <xs:annotation> <xs:documentation>Identifies responsibilities with respect to loss, damage, etc.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CARRIER_RISK"/> <xs:enumeration value="OWN_RISK"/> </xs:restriction> </xs:simpleType>		

#### simpleType FreightRateQuoteType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		

properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	AUTOMATED	
	enumeration	MANUAL	
annotation	documentation		
	Specifies the type of rate quote		
source	<pre>&lt;xs:simpleType name="FreightRateQuoteType"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Specifies the type of rate quote&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:string"&gt;   &lt;xs:enumeration value="AUTOMATED"/&gt;   &lt;xs:enumeration value="MANUAL"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType FreightShipmentRoleType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	CONSIGNEE	
	enumeration	SHIPPER	
annotation	documentation		
	Indicates the role of the party submitting the transaction.		
source	<pre>&lt;xs:simpleType name="FreightShipmentRoleType"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Indicates the role of the party submitting the transaction.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:string"&gt;   &lt;xs:enumeration value="CONSIGNEE"/&gt;   &lt;xs:enumeration value="SHIPPER"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType GroundDeliveryEligibilityType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	ALTERNATE_DAY_SERVICE	
	enumeration	CARTAGE_AGENT_DELIVERY	
	enumeration	SATURDAY_DELIVERY	
	enumeration	USPS_DELIVERY	
annotation	documentation		
	Represents features of FedEx Ground delivery for which the shipment is eligible.		
source	<pre>&lt;xs:simpleType name="GroundDeliveryEligibilityType"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Represents features of FedEx Ground delivery for which the shipment is eligible.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt;</pre>		

```

<xs:restriction base="xs:string">
  <xs:enumeration value="ALTERNATE_DAY_SERVICE"/>
  <xs:enumeration value="CARTAGE_AGENT_DELIVERY"/>
  <xs:enumeration value="SATURDAY_DELIVERY"/>
  <xs:enumeration value="USPS_DELIVERY"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType HazardousCommodityAttributeType

namespace	http://fedex.com/ws/ship/v17											
type	restriction of xs:string											
properties	base xs:string											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>NOT SUBJECT_TO_REGULATIONS</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PLACARDED_VEHICLE_REQUIRED</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	NOT SUBJECT_TO_REGULATIONS		enumeration	PLACARDED_VEHICLE_REQUIRED	
Kind	Value	Annotation										
enumeration	NOT SUBJECT_TO_REGULATIONS											
enumeration	PLACARDED_VEHICLE_REQUIRED											
source	<xs:simpleType name="HazardousCommodityAttributeType">   <xs:restriction base="xs:string">     <xs:enumeration value="NOT SUBJECT_TO_REGULATIONS"/>     <xs:enumeration value="PLACARDED_VEHICLE_REQUIRED"/>   </xs:restriction> </xs:simpleType>											

#### simpleType HazardousCommodityDescriptionProcessingOptionType

namespace	http://fedex.com/ws/ship/v17								
type	restriction of xs:string								
properties	base xs:string								
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>INCLUDE_SPECIAL_PROVISIONS</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	INCLUDE_SPECIAL_PROVISIONS	
Kind	Value	Annotation							
enumeration	INCLUDE_SPECIAL_PROVISIONS								
annotation	<p>documentation</p> <p>Specifies any special processing to be applied to the dangerous goods commodity description validation.</p>								
source	<xs:simpleType name="HazardousCommodityDescriptionProcessingOptionType">   <xs:annotation>     <xs:documentation>Specifies any special processing to be applied to the dangerous goods commodity description validation.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="INCLUDE_SPECIAL_PROVISIONS"/>   </xs:restriction> </xs:simpleType>								

#### simpleType HazardousCommodityLabelTextOptionType

namespace	http://fedex.com/ws/ship/v17														
type	restriction of xs:string														
properties	base xs:string														
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>APPEND</td> <td></td> </tr> <tr> <td>enumeration</td> <td>OVERRIDE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>STANDARD</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	APPEND		enumeration	OVERRIDE		enumeration	STANDARD	
Kind	Value	Annotation													
enumeration	APPEND														
enumeration	OVERRIDE														
enumeration	STANDARD														

annotation	documentation Specifies how the commodity is to be labeled.
source	<pre>&lt;xs:simpleType name="HazardousCommodityLabelTextOptionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies how the commodity is to be labeled.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="APPEND"/&gt;     &lt;xs:enumeration value="OVERRIDE"/&gt;     &lt;xs:enumeration value="STANDARD"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType HazardousCommodityOptionType

namespace	http://fedex.com/ws/ship/v17																							
type	restriction of xs:string																							
properties	base xs:string																							
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>BATTERY</td> <td></td> </tr> <tr> <td>enumeration</td> <td>HAZARDOUS_MATERIALS</td> <td></td> </tr> <tr> <td>enumeration</td> <td>LIMITED_QUANTITIES_COMMODITIES</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ORM_D</td> <td></td> </tr> <tr> <td>enumeration</td> <td>REPORTABLE_QUANTITIES</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SMALL_QUANTITY_EXCEPTION</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	BATTERY		enumeration	HAZARDOUS_MATERIALS		enumeration	LIMITED_QUANTITIES_COMMODITIES		enumeration	ORM_D		enumeration	REPORTABLE_QUANTITIES		enumeration	SMALL_QUANTITY_EXCEPTION	
Kind	Value	Annotation																						
enumeration	BATTERY																							
enumeration	HAZARDOUS_MATERIALS																							
enumeration	LIMITED_QUANTITIES_COMMODITIES																							
enumeration	ORM_D																							
enumeration	REPORTABLE_QUANTITIES																							
enumeration	SMALL_QUANTITY_EXCEPTION																							
annotation	<p>documentation Indicates which kind of hazardous content is being reported.</p>																							
source	<pre>&lt;xs:simpleType name="HazardousCommodityOptionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates which kind of hazardous content is being reported.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BATTERY"/&gt;     &lt;xs:enumeration value="HAZARDOUS_MATERIALS"/&gt;     &lt;xs:enumeration value="LIMITED_QUANTITIES_COMMODITIES"/&gt;     &lt;xs:enumeration value="ORM_D"/&gt;     &lt;xs:enumeration value="REPORTABLE_QUANTITIES"/&gt;     &lt;xs:enumeration value="SMALL_QUANTITY_EXCEPTION"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>																							

#### simpleType HazardousCommodityPackingGroupType

namespace	http://fedex.com/ws/ship/v17																	
type	restriction of xs:string																	
properties	base xs:string																	
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>DEFAULT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>I</td> <td></td> </tr> <tr> <td>enumeration</td> <td>II</td> <td></td> </tr> <tr> <td>enumeration</td> <td>III</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	DEFAULT		enumeration	I		enumeration	II		enumeration	III	
Kind	Value	Annotation																
enumeration	DEFAULT																	
enumeration	I																	
enumeration	II																	
enumeration	III																	
annotation																		

annotation	Identifies DOT packing group for a hazardous commodity.
source	<pre>&lt;xs:simpleType name="HazardousCommodityPackingGroupType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies DOT packing group for a hazardous commodity.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="DEFAULT"/&gt;     &lt;xs:enumeration value="I"/&gt;     &lt;xs:enumeration value="II"/&gt;     &lt;xs:enumeration value="III"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType HazardousCommodityQuantityType

namespace	http://fedex.com/ws/ship/v17									
type	restriction of xs:string									
properties	base xs:string									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>GROSS</td> <td></td> </tr> <tr> <td>enumeration</td> <td>NET</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	GROSS		enumeration	NET	
Kind	Value	Annotation								
enumeration	GROSS									
enumeration	NET									
annotation	<p>documentation</p> <p>Specifies the measure of quantity to be validated against a prescribed limit.</p>									
source	<pre>&lt;xs:simpleType name="HazardousCommodityQuantityType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the measure of quantity to be validated against a prescribed limit.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="GROSS"/&gt;     &lt;xs:enumeration value="NET"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

#### simpleType HazardousCommodityRegulationType

namespace	http://fedex.com/ws/ship/v17															
type	restriction of xs:string															
properties	base xs:string															
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>ADR</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DOT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>IATA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ORMD</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	ADR		enumeration	DOT		enumeration	IATA		enumeration	ORMD	
Kind	Value	Annotation														
enumeration	ADR															
enumeration	DOT															
enumeration	IATA															
enumeration	ORMD															
annotation	<p>documentation</p> <p>Identifies the source of regulation for hazardous commodity data.</p>															
source	<pre>&lt;xs:simpleType name="HazardousCommodityRegulationType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the source of regulation for hazardous commodity data.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ADR"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>															

```

<xs:enumeration value="DOT"/>
<xs:enumeration value="IATA"/>
<xs:enumeration value="ORMD"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType HazardousContainerPackingType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	ALL_PACKED_IN_ONE	
source	<xs:simpleType name="HazardousContainerPackingType">   <xs:restriction base="xs:string">     <xs:enumeration value="ALL_PACKED_IN_ONE"/>   </xs:restriction> </xs:simpleType>		

#### simpleType HomeDeliveryPremiumType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	APPOINTMENT	
	enumeration	DATE_CERTAIN	
	enumeration	EVENING	
annotation	documentation The type of Home Delivery Premium service being requested.		
source	<xs:simpleType name="HomeDeliveryPremiumType">   <xs:annotation>     <xs:documentation>The type of Home Delivery Premium service being requested.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="APPOINTMENT"/>     <xs:enumeration value="DATE_CERTAIN"/>     <xs:enumeration value="EVENING"/>   </xs:restriction> </xs:simpleType>		

#### simpleType ImageId

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	IMAGE_1	
	enumeration	IMAGE_2	
	enumeration	IMAGE_3	
	enumeration	IMAGE_4	

	enumeration	IMAGE_5
source	<xs:simpleType name="ImageId"> <xs:restriction base="xs:string"> <xs:enumeration value="IMAGE_1"/> <xs:enumeration value="IMAGE_2"/> <xs:enumeration value="IMAGE_3"/> <xs:enumeration value="IMAGE_4"/> <xs:enumeration value="IMAGE_5"/> </xs:restriction> </xs:simpleType>	

#### simpleType InternationalControlledExportType

namespace	http://fedex.com/ws/ship/v17	
type	restriction of xs:string	
properties	base	xs:string
facets	Kind	Value
	enumeration	Annotation DEA_036
	enumeration	DEA_236
	enumeration	DEA_486
	enumeration	DSP_05
	enumeration	DSP_61
	enumeration	DSP_73
	enumeration	DSP_85
	enumeration	DSP_94
	enumeration	DSP_LICENSE AGREEMENT
	enumeration	FROM_FOREIGN_TRADE_ZONE
	enumeration	WAREHOUSE_WITHDRAWAL
source	<xs:simpleType name="InternationalControlledExportType"> <xs:restriction base="xs:string"> <xs:enumeration value="DEA_036"/> <xs:enumeration value="DEA_236"/> <xs:enumeration value="DEA_486"/> <xs:enumeration value="DSP_05"/> <xs:enumeration value="DSP_61"/> <xs:enumeration value="DSP_73"/> <xs:enumeration value="DSP_85"/> <xs:enumeration value="DSP_94"/> <xs:enumeration value="DSP_LICENSE AGREEMENT"/> <xs:enumeration value="FROM_FOREIGN_TRADE_ZONE"/> <xs:enumeration value="WAREHOUSE_WITHDRAWAL"/> </xs:restriction> </xs:simpleType>	

#### simpleType InternationalDocumentContentType

namespace	http://fedex.com/ws/ship/v17	
type	restriction of xs:string	
properties	base	xs:string

	facets	Kind enumeration enumeration enumeration	Value DERIVED DOCUMENTS_ONLY NON_DOCUMENTS	Annotation
annotation		documentation	The type of International shipment.	
source		<xs:simpleType name="InternationalDocumentContentType"> <xs:annotation> <xs:documentation>The type of International shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="DERIVED"/> <xs:enumeration value="DOCUMENTS_ONLY"/> <xs:enumeration value="NON_DOCUMENTS"/> </xs:restriction> </xs:simpleType>		

#### simpleType LabelFormatType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration enumeration enumeration enumeration	Value COMMON2D FEDEX_FREIGHT_STRAIGHT_BILL_OF_LADING LABEL_DATA_ONLY VICS_BILL_OF_LADING	Annotation
annotation	documentation	Specifies the type of label to be returned.	
source	<xs:simpleType name="LabelFormatType"> <xs:annotation> <xs:documentation>Specifies the type of label to be returned.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="COMMON2D"/> <xs:enumeration value="FEDEX_FREIGHT_STRAIGHT_BILL_OF_LADING"/> <xs:enumeration value="LABEL_DATA_ONLY"/> <xs:enumeration value="VICS_BILL_OF_LADING"/> </xs:restriction> </xs:simpleType>		

#### simpleType LabelMaskableDataType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration enumeration enumeration enumeration enumeration	Value CUSTOMS_VALUE DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER SECONDARY_BARCODE SHIPPER_ACCOUNT_NUMBER TERMS_AND_CONDITIONS	Annotation

	enumeration TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER
annotation	documentation Names for data elements / areas which may be suppressed from printing on labels.
source	<pre>&lt;xs:simpleType name="LabelMaskableDataType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Names for data elements / areas which may be suppressed from printing on labels.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CUSTOMS_VALUE"/&gt;     &lt;xs:enumeration value="DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER"/&gt;     &lt;xs:enumeration value="SECONDARY_BARCODE"/&gt;     &lt;xs:enumeration value="SHIPPER_ACCOUNT_NUMBER"/&gt;     &lt;xs:enumeration value="TERMS_AND_CONDITIONS"/&gt;     &lt;xs:enumeration value="TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType LabelOrderType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	SHIPPING_LABEL_FIRST	
	enumeration	SHIPPING_LABEL_LAST	
annotation	documentation Specifies the order in which the labels will be returned		
source	<pre>&lt;xs:simpleType name="LabelOrderType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the order in which the labels will be returned&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="SHIPPING_LABEL_FIRST"/&gt;     &lt;xs:enumeration value="SHIPPING_LABEL_LAST"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType LabelPrintingOrientationType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	BOTTOM_EDGE_OF_TEXT_FIRST	
	enumeration	TOP_EDGE_OF_TEXT_FIRST	
annotation	documentation This indicates if the top or bottom of the label comes out of the printer first.		
source	<pre>&lt;xs:simpleType name="LabelPrintingOrientationType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This indicates if the top or bottom of the label comes out of the printer first.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>		

```

<xs:restriction base="xs:string">
  <xs:enumeration value="BOTTOM_EDGE_OF_TEXT_FIRST"/>
  <xs:enumeration value="TOP_EDGE_OF_TEXT_FIRST"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType LabelRotationType

namespace	http://fedex.com/ws/ship/v17																	
type	restriction of xs:string																	
properties	base xs:string																	
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>LEFT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>NONE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>RIGHT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>UPSIDE_DOWN</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	LEFT		enumeration	NONE		enumeration	RIGHT		enumeration	UPSIDE_DOWN	
Kind	Value	Annotation																
enumeration	LEFT																	
enumeration	NONE																	
enumeration	RIGHT																	
enumeration	UPSIDE_DOWN																	
annotation	documentation Relative to normal orientation for the printer.																	
source	<xs:simpleType name="LabelRotationType">   <xs:annotation>     <xs:documentation>Relative to normal orientation for the printer.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="LEFT"/>     <xs:enumeration value="NONE"/>     <xs:enumeration value="RIGHT"/>     <xs:enumeration value="UPSIDE_DOWN"/>   </xs:restriction> </xs:simpleType>																	

#### simpleType LabelStockType

namespace	http://fedex.com/ws/ship/v17																																															
type	restriction of xs:string																																															
properties	base xs:string																																															
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>PAPER_4X6</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PAPER_4X8</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PAPER_4X9</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PAPER_6X4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PAPER_7X4.75</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PAPER_8.5X11_BOTTOM_HALF_LABEL</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PAPER_8.5X11_TOP_HALF_LABEL</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PAPER_LETTER</td> <td></td> </tr> <tr> <td>enumeration</td> <td>STOCK_4X6</td> <td></td> </tr> <tr> <td>enumeration</td> <td>STOCK_4X6.75.LEADING_DOC_TAB</td> <td></td> </tr> <tr> <td>enumeration</td> <td>STOCK_4X6.75.TRAILING_DOC_TAB</td> <td></td> </tr> <tr> <td>enumeration</td> <td>STOCK_4X8</td> <td></td> </tr> <tr> <td>enumeration</td> <td>STOCK_4X9.LEADING_DOC_TAB</td> <td></td> </tr> <tr> <td>enumeration</td> <td>STOCK_4X9.TRAILING_DOC_TAB</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	PAPER_4X6		enumeration	PAPER_4X8		enumeration	PAPER_4X9		enumeration	PAPER_6X4		enumeration	PAPER_7X4.75		enumeration	PAPER_8.5X11_BOTTOM_HALF_LABEL		enumeration	PAPER_8.5X11_TOP_HALF_LABEL		enumeration	PAPER_LETTER		enumeration	STOCK_4X6		enumeration	STOCK_4X6.75.LEADING_DOC_TAB		enumeration	STOCK_4X6.75.TRAILING_DOC_TAB		enumeration	STOCK_4X8		enumeration	STOCK_4X9.LEADING_DOC_TAB		enumeration	STOCK_4X9.TRAILING_DOC_TAB	
Kind	Value	Annotation																																														
enumeration	PAPER_4X6																																															
enumeration	PAPER_4X8																																															
enumeration	PAPER_4X9																																															
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enumeration	PAPER_7X4.75																																															
enumeration	PAPER_8.5X11_BOTTOM_HALF_LABEL																																															
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enumeration	PAPER_LETTER																																															
enumeration	STOCK_4X6																																															
enumeration	STOCK_4X6.75.LEADING_DOC_TAB																																															
enumeration	STOCK_4X6.75.TRAILING_DOC_TAB																																															
enumeration	STOCK_4X8																																															
enumeration	STOCK_4X9.LEADING_DOC_TAB																																															
enumeration	STOCK_4X9.TRAILING_DOC_TAB																																															
annotation	documentation For thermal printer labels this indicates the size of the label and the location of the doc tab if present.																																															

source

```
<xssimpleType name="LabelStockType">
<xssannotation>
<xsddocumentation>For thermal printer labels this indicates the size of the label and the location of the doc tab if present.</xsddocumentation>
</xssannotation>
<xssrestriction base="xssstring">
<xsenumeration value="PAPER_4X6"/>
<xsenumeration value="PAPER_4X8"/>
<xsenumeration value="PAPER_4X9"/>
<xsenumeration value="PAPER_6X4"/>
<xsenumeration value="PAPER_7X4.75"/>
<xsenumeration value="PAPER_8.5X11_BOTTOM_HALF_LABEL"/>
<xsenumeration value="PAPER_8.5X11_TOP_HALF_LABEL"/>
<xsenumeration value="PAPER_LETTER"/>
<xsenumeration value="STOCK_4X6"/>
<xsenumeration value="STOCK_4X6.75.LEADING_DOC_TAB"/>
<xsenumeration value="STOCK_4X6.75.TRAILING_DOC_TAB"/>
<xsenumeration value="STOCK_4X8"/>
<xsenumeration value="STOCK_4X9.LEADING_DOC_TAB"/>
<xsenumeration value="STOCK_4X9.TRAILING_DOC_TAB"/>
</xssrestriction>
</xssimpleType>
```

#### simpleType LiabilityCoverageType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xssstring		
properties	base xssstring		
facets	Kind enumeration	Value NEW	Annotation
	enumeration	USED_OR_RECONDITIONED	
source	<xssimpleType name="LiabilityCoverageType"> <xssrestriction base="xssstring"> <xsenumeration value="NEW"/> <xsenumeration value="USED_OR_RECONDITIONED"/> </xssrestriction> </xssimpleType>		

#### simpleType LinearUnits

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xssstring		
properties	base xssstring		
facets	Kind enumeration	Value CM	Annotation
	enumeration	IN	
annotation	documentation CM = centimeters, IN = inches		
source	<xssimpleType name="LinearUnits"> <xssannotation> <xsddocumentation>CM = centimeters, IN = inches</xsddocumentation> </xssannotation>		

```

</xs:annotation>
<xs:restriction base="xs:string">
  <xs:enumeration value="CM"/>
  <xs:enumeration value="IN"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType MinimumChargeType

namespace	http://fedex.com/ws/ship/v17																				
type	restriction of xs:string																				
properties	base xs:string																				
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CUSTOMER</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CUSTOMER_FREIGHT_WEIGHT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>EARNED_DISCOUNT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>MIXED</td> <td></td> </tr> <tr> <td>enumeration</td> <td>RATE_SCALE</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	CUSTOMER		enumeration	CUSTOMER_FREIGHT_WEIGHT		enumeration	EARNED_DISCOUNT		enumeration	MIXED		enumeration	RATE_SCALE	
Kind	Value	Annotation																			
enumeration	CUSTOMER																				
enumeration	CUSTOMER_FREIGHT_WEIGHT																				
enumeration	EARNED_DISCOUNT																				
enumeration	MIXED																				
enumeration	RATE_SCALE																				
annotation	<p>documentation</p> <p>Identifies which type minimum charge was applied.</p>																				
source	<pre> &lt;xs:simpleType name="MinimumChargeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies which type minimum charge was applied.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CUSTOMER"/&gt;     &lt;xs:enumeration value="CUSTOMER_FREIGHT_WEIGHT"/&gt;     &lt;xs:enumeration value="EARNED_DISCOUNT"/&gt;     &lt;xs:enumeration value="MIXED"/&gt;     &lt;xs:enumeration value="RATE_SCALE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>																				

#### simpleType NaftalImporterSpecificationType

namespace	http://fedex.com/ws/ship/v17																	
type	restriction of xs:string																	
properties	base xs:string																	
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>IMPORTER_OF_RECORD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>RECIPIENT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>UNKNOWN</td> <td></td> </tr> <tr> <td>enumeration</td> <td>VARIOUS</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	IMPORTER_OF_RECORD		enumeration	RECIPIENT		enumeration	UNKNOWN		enumeration	VARIOUS	
Kind	Value	Annotation																
enumeration	IMPORTER_OF_RECORD																	
enumeration	RECIPIENT																	
enumeration	UNKNOWN																	
enumeration	VARIOUS																	
source	<pre> &lt;xs:simpleType name="NaftalImporterSpecificationType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="IMPORTER_OF_RECORD"/&gt;     &lt;xs:enumeration value="RECIPIENT"/&gt;     &lt;xs:enumeration value="UNKNOWN"/&gt;     &lt;xs:enumeration value="VARIOUS"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>																	

**simpleType NaftaNetCostMethodCode**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	NC	
	enumeration	NO	
annotation	documentation Net cost method used.		
source	<xs:simpleType name="NaftaNetCostMethodCode"> <xs:annotation> <xs:documentation>Net cost method used.</xs:documentation> <br  &lt; xs:annotation&gt;<br=""></br  &lt;> <xs:restriction base="xs:string"> <xs:enumeration value="NC"/> <xs:enumeration value="NO"/> <br  &lt; td="" xs:restriction&gt;<br&gt;&lt;="" xs:simpletype&gt;<=""><td data-kind="ghost"></td><td data-kind="ghost"></td></br  &lt;>		

**simpleType NaftaPreferenceCriterionCode**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	E	
	enumeration	F	
annotation	documentation See instructions for NAFTA Certificate of Origin for code definitions.		
source	<xs:simpleType name="NaftaPreferenceCriterionCode"> <xs:annotation> <xs:documentation>See instructions for NAFTA Certificate of Origin for code definitions.</xs:documentation> <br  &lt; xs:annotation&gt;<br=""></br  &lt;> <xs:restriction base="xs:string"> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="C"/> <xs:enumeration value="D"/> <xs:enumeration value="E"/> <xs:enumeration value="F"/> <br  &lt; td="" xs:restriction&gt;<br&gt;&lt;="" xs:simpletype&gt;<=""><td data-kind="ghost"></td><td data-kind="ghost"></td></br  &lt;>		

**simpleType NaftaProducerDeterminationCode**

namespace	http://fedex.com/ws/ship/v17
-----------	------------------------------

type	restriction of xs:string															
properties	base xs:string															
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>NO_1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>NO_2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>NO_3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>YES</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	NO_1		enumeration	NO_2		enumeration	NO_3		enumeration	YES	
Kind	Value	Annotation														
enumeration	NO_1															
enumeration	NO_2															
enumeration	NO_3															
enumeration	YES															
annotation	<p>documentation</p> <p>See instructions for NAFTA Certificate of Origin for code definitions.</p>															
source	<pre>&lt;xs:simpleType name="NaftaProducerDeterminationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;See instructions for NAFTA Certificate of Origin for code definitions.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="NO_1"/&gt;     &lt;xs:enumeration value="NO_2"/&gt;     &lt;xs:enumeration value="NO_3"/&gt;     &lt;xs:enumeration value="YES"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>															

#### simpleType NaftaProducerSpecificationType

namespace	http://fedex.com/ws/ship/v17																		
type	restriction of xs:string																		
properties	base xs:string																		
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>AVAILABLE_UPON_REQUEST</td> <td></td> </tr> <tr> <td>enumeration</td> <td>MULTIPLE_SPECIFIED</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SAME</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SINGLE_SPECIFIED</td> <td></td> </tr> <tr> <td>enumeration</td> <td>UNKNOWN</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	AVAILABLE_UPON_REQUEST		enumeration	MULTIPLE_SPECIFIED		enumeration	SAME		enumeration	SINGLE_SPECIFIED		enumeration	UNKNOWN	
Kind	Value	Annotation																	
enumeration	AVAILABLE_UPON_REQUEST																		
enumeration	MULTIPLE_SPECIFIED																		
enumeration	SAME																		
enumeration	SINGLE_SPECIFIED																		
enumeration	UNKNOWN																		
annotation	<p>documentation</p> <p>This element is currently not supported and is for the future use.</p>																		
source	<pre>&lt;xs:simpleType name="NaftaProducerSpecificationType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element is currently not supported and is for the future use.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="AVAILABLE_UPON_REQUEST"/&gt;     &lt;xs:enumeration value="MULTIPLE_SPECIFIED"/&gt;     &lt;xs:enumeration value="SAME"/&gt;     &lt;xs:enumeration value="SINGLE_SPECIFIED"/&gt;     &lt;xs:enumeration value="UNKNOWN"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>																		

#### simpleType NetExplosiveClassificationType

namespace	http://fedex.com/ws/ship/v17
type	restriction of xs:string

properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	NET_EXPLOSIVE_CONTENT	
	enumeration	NET_EXPLOSIVE_MASS	
	enumeration	NET_EXPLOSIVE_QUANTITY	
	enumeration	NET_EXPLOSIVE_WEIGHT	
source	<xs:simpleType name="NetExplosiveClassificationType"> <xs:restriction base="xs:string"> <xs:enumeration value="NET_EXPLOSIVE_CONTENT"/> <xs:enumeration value="NET_EXPLOSIVE_MASS"/> <xs:enumeration value="NET_EXPLOSIVE_QUANTITY"/> <xs:enumeration value="NET_EXPLOSIVE_WEIGHT"/> </xs:restriction> </xs:simpleType>		

#### simpleType NotificationSeverityType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	ERROR	
	enumeration	FAILURE	
	enumeration	NOTE	
	enumeration	SUCCESS	
	enumeration	WARNING	
annotation	documentation Identifies the set of severity values for a Notification.		
source	<xs:simpleType name="NotificationSeverityType"> <xs:annotation> <xs:documentation>Identifies the set of severity values for a Notification.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ERROR"/> <xs:enumeration value="FAILURE"/> <xs:enumeration value="NOTE"/> <xs:enumeration value="SUCCESS"/> <xs:enumeration value="WARNING"/> </xs:restriction> </xs:simpleType>		

#### simpleType OversizeClassType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	OVERSIZE_1	
	enumeration	OVERSIZE_2	
	enumeration	OVERSIZE_3	
annotation	documentation		

	The oversize class types.
source	<pre>&lt;xs:simpleType name="OversizeClassType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The oversize class types.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="OVERSIZE_1"/&gt;     &lt;xs:enumeration value="OVERSIZE_2"/&gt;     &lt;xs:enumeration value="OVERSIZE_3"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType PackageSpecialServiceType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	ALCOHOL	
	enumeration	APPOINTMENT_DELIVERY	
	enumeration	COD	
	enumeration	DANGEROUS_GOODS	
	enumeration	DRY_ICE	
	enumeration	NON_STANDARD_CONTAINER	
	enumeration	PRIORITY_ALERT	
	enumeration	SIGNATURE_OPTION	
annotation	<p>documentation</p> <p>Identifies the collection of special service offered by FedEx. BROKER_SELECT_OPTION should be used for Ground shipments only.</p>		
source	<pre>&lt;xs:simpleType name="PackageSpecialServiceType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the collection of special service offered by FedEx. BROKER_SELECT_OPTION should be used for Ground shipments only.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ALCOHOL"/&gt;     &lt;xs:enumeration value="APPOINTMENT_DELIVERY"/&gt;     &lt;xs:enumeration value="COD"/&gt;     &lt;xs:enumeration value="DANGEROUS_GOODS"/&gt;     &lt;xs:enumeration value="DRY_ICE"/&gt;     &lt;xs:enumeration value="NON_STANDARD_CONTAINER"/&gt;     &lt;xs:enumeration value="PRIORITY_ALERT"/&gt;     &lt;xs:enumeration value="SIGNATURE_OPTION"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType PackagingType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	FEDEX_10KG_BOX	

	enumeration FEDEX_25KG_BOX enumeration FEDEX_BOX enumeration FEDEX_ENVELOPE enumeration FEDEX_EXTRA_LARGE_BOX enumeration FEDEX_LARGE_BOX enumeration FEDEX_MEDIUM_BOX enumeration FEDEX_PAK enumeration FEDEX_SMALL_BOX enumeration FEDEX_TUBE enumeration YOUR_PACKAGING
annotation	documentation Identifies the collection of available FedEx or customer packaging options.
source	<xs:simpleType name="PackagingType"> <xs:annotation> <xs:documentation>Identifies the collection of available FedEx or customer packaging options.</xs:documentation> <br  &lt; xs:annotation&gt;<br=""></br  &lt;> <xs:restriction base="xs:string"> <xs:enumeration value="FEDEX_10KG_BOX"/> <xs:enumeration value="FEDEX_25KG_BOX"/> <xs:enumeration value="FEDEX_BOX"/> <xs:enumeration value="FEDEX_ENVELOPE"/> <xs:enumeration value="FEDEX_EXTRA_LARGE_BOX"/> <xs:enumeration value="FEDEX_LARGE_BOX"/> <xs:enumeration value="FEDEX_MEDIUM_BOX"/> <xs:enumeration value="FEDEX_PAK"/> <xs:enumeration value="FEDEX_SMALL_BOX"/> <xs:enumeration value="FEDEX_TUBE"/> <xs:enumeration value="YOUR_PACKAGING"/> <br  &lt; td="" xs:restriction&gt;<br&gt;&lt;="" xs:simpletype&gt;<=""></br  &lt;>

#### simpleType PageQuadrantType

namespace	http://fedex.com/ws/ship/v17																	
type	restriction of xs:string																	
properties	base xs:string																	
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>BOTTOM_LEFT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>BOTTOM_RIGHT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>TOP_LEFT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>TOP_RIGHT</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	BOTTOM_LEFT		enumeration	BOTTOM_RIGHT		enumeration	TOP_LEFT		enumeration	TOP_RIGHT	
Kind	Value	Annotation																
enumeration	BOTTOM_LEFT																	
enumeration	BOTTOM_RIGHT																	
enumeration	TOP_LEFT																	
enumeration	TOP_RIGHT																	
source	<xs:simpleType name="PageQuadrantType"> <xs:restriction base="xs:string"> <xs:enumeration value="BOTTOM_LEFT"/> <xs:enumeration value="BOTTOM_RIGHT"/> <xs:enumeration value="TOP_LEFT"/> <xs:enumeration value="TOP_RIGHT"/> <br  &lt; td="" xs:restriction&gt;<br&gt;&lt;="" xs:simpletype&gt;<=""><td data-kind="ghost"></td><td data-kind="ghost"></td></br  &lt;>																	

**simpleType PaymentType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind enumeration	Value ACCOUNT	Annotation
	enumeration	COLLECT	
	enumeration	RECIPIENT	
	enumeration	SENDER	
	enumeration	THIRD_PARTY	
annotation	documentation Identifies the method of payment for a service.		
source	<pre>&lt;xs:simpleType name="PaymentType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the method of payment for a service.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ACCOUNT"/&gt;     &lt;xs:enumeration value="COLLECT"/&gt;     &lt;xs:enumeration value="RECIPIENT"/&gt;     &lt;xs:enumeration value="SENDER"/&gt;     &lt;xs:enumeration value="THIRD_PARTY"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType PendingShipmentProcessingOptionType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind enumeration	Value ALLOW_MODIFICATIONS	Annotation
source	<pre>&lt;xs:simpleType name="PendingShipmentProcessingOptionType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ALLOW_MODIFICATIONS"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType PendingShipmentType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind enumeration	Value EMAIL	Annotation
annotation	documentation Identifies the type of service for a pending shipment.		
source	<pre>&lt;xs:simpleType name="PendingShipmentType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the type of service for a pending shipment.&lt;/xs:documentation&gt;</pre>		

```

</xs:annotation>
<xs:restriction base="xs:string">
  <xs:enumeration value="EMAIL"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType PhysicalFormType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	GAS	
	enumeration	LIQUID	
	enumeration	SOLID	
	enumeration	SPECIAL	
source	<xs:simpleType name="PhysicalFormType">   <xs:restriction base="xs:string">     <xs:enumeration value="GAS"/>     <xs:enumeration value="LIQUID"/>     <xs:enumeration value="SOLID"/>     <xs:enumeration value="SPECIAL"/>   </xs:restriction> </xs:simpleType>		

#### simpleType PhysicalPackagingType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	BAG	
	enumeration	BARREL	
	enumeration	BASKET	
	enumeration	BOX	
	enumeration	BUCKET	
	enumeration	BUNDLE	
	enumeration	CARTON	
	enumeration	CASE	
	enumeration	CONTAINER	
	enumeration	CRATE	
	enumeration	CYLINDER	
	enumeration	DRUM	
	enumeration	ENVELOPE	
	enumeration	HAMPER	
	enumeration	OTHER	
	enumeration	PAIL	
	enumeration	PALLET	
	enumeration	PIECE	
	enumeration	REEL	
	enumeration	ROLL	

	enumeration SKID enumeration TANK enumeration TUBE
annotation	documentation This enumeration rationalizes the former FedEx Express international "admissibility package" types (based on ANSI X.12) and the FedEx Freight packaging types. The values represented are those common to both carriers.
source	<pre>&lt;xs:simpleType name="PhysicalPackagingType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This enumeration rationalizes the former FedEx Express international "admissibility package" types (based on ANSI X.12) and the FedEx Freight packaging types. The values represented are those common to both carriers.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BAG"/&gt;     &lt;xs:enumeration value="BARREL"/&gt;     &lt;xs:enumeration value="BASKET"/&gt;     &lt;xs:enumeration value="BOX"/&gt;     &lt;xs:enumeration value="BUCKET"/&gt;     &lt;xs:enumeration value="BUNDLE"/&gt;     &lt;xs:enumeration value="CARTON"/&gt;     &lt;xs:enumeration value="CASE"/&gt;     &lt;xs:enumeration value="CONTAINER"/&gt;     &lt;xs:enumeration value="CRATE"/&gt;     &lt;xs:enumeration value="CYLINDER"/&gt;     &lt;xs:enumeration value="DRUM"/&gt;     &lt;xs:enumeration value="ENVELOPE"/&gt;     &lt;xs:enumeration value="HAMPER"/&gt;     &lt;xs:enumeration value="OTHER"/&gt;     &lt;xs:enumeration value="PAIL"/&gt;     &lt;xs:enumeration value="PALLET"/&gt;     &lt;xs:enumeration value="PIECE"/&gt;     &lt;xs:enumeration value="REEL"/&gt;     &lt;xs:enumeration value="ROLL"/&gt;     &lt;xs:enumeration value="SKID"/&gt;     &lt;xs:enumeration value="TANK"/&gt;     &lt;xs:enumeration value="TUBE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

#### simpleType PickupRequestSourceType

namespace	http://fedex.com/ws/ship/v17											
type	restriction of xs:string											
properties	base xs:string											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>AUTOMATION</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CUSTOMER_SERVICE</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	AUTOMATION		enumeration	CUSTOMER_SERVICE	
Kind	Value	Annotation										
enumeration	AUTOMATION											
enumeration	CUSTOMER_SERVICE											
annotation	documentation Identifies the type of source for pickup request service.											
source	<pre>&lt;xs:simpleType name="PickupRequestSourceType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the type of source for pickup request service.&lt;/xs:documentation&gt;</pre>											

```

</xs:annotation>
<xs:restriction base="xs:string">
  <xs:enumeration value="AUTOMATION"/>
  <xs:enumeration value="CUSTOMER_SERVICE"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType PickupRequestType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value FUTURE_DAY	Annotation
	enumeration	SAME_DAY	
annotation	documentation Identifies the type of pickup request service.		
source	<xs:simpleType name="PickupRequestType">   <xs:annotation>     <xs:documentation>Identifies the type of pickup request service.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="FUTURE_DAY"/>     <xs:enumeration value="SAME_DAY"/>   </xs:restriction> </xs:simpleType>		

#### simpleType PricingCodeType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value ACTUAL	Annotation
	enumeration	ALTERNATE	
	enumeration	BASE	
	enumeration	HUNDREDWEIGHT	
	enumeration	HUNDREDWEIGHT_ALTERNATE	
	enumeration	INTERNATIONAL_DISTRIBUTION	
	enumeration	INTERNATIONAL_ECONOMY_SERVICE	
	enumeration	LTL_FREIGHT	
	enumeration	PACKAGE	
	enumeration	SHIPMENT	
	enumeration	SHIPMENT_FIVE_POUND_OPTIONAL	
	enumeration	SHIPMENT_OPTIONAL	
	enumeration	SPECIAL	
annotation	documentation Identifies the type of pricing used for this shipment.		
source	<xs:simpleType name="PricingCodeType">   <xs:annotation>     <xs:documentation>Identifies the type of pricing used for this shipment.</xs:documentation>   </xs:annotation> </xs:simpleType>		

```

</xs:annotation>
<xs:restriction base="xs:string">
  <xs:enumeration value="ACTUAL"/>
  <xs:enumeration value="ALTERNATE"/>
  <xs:enumeration value="BASE"/>
  <xs:enumeration value="HUNDREDWEIGHT"/>
  <xs:enumeration value="HUNDREDWEIGHT_ALTERNATE"/>
  <xs:enumeration value="INTERNATIONAL_DISTRIBUTION"/>
  <xs:enumeration value="INTERNATIONAL_ECONOMY_SERVICE"/>
  <xs:enumeration value="LTL_FREIGHT"/>
  <xs:enumeration value="PACKAGE"/>
  <xs:enumeration value="SHIPMENT"/>
  <xs:enumeration value="SHIPMENT_FIVE_POUND_OPTIONAL"/>
  <xs:enumeration value="SHIPMENT_OPTIONAL"/>
  <xs:enumeration value="SPECIAL"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType PrintedReferenceType

namespace	http://fedex.com/ws/ship/v17														
type	restriction of xs:string														
properties	base xs:string														
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>BILL_OF_LADING</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CONSIGNEE_ID_NUMBER</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SHIPPER_ID_NUMBER</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	BILL_OF_LADING		enumeration	CONSIGNEE_ID_NUMBER		enumeration	SHIPPER_ID_NUMBER	
Kind	Value	Annotation													
enumeration	BILL_OF_LADING														
enumeration	CONSIGNEE_ID_NUMBER														
enumeration	SHIPPER_ID_NUMBER														
annotation	<p>documentation</p> <p>Identifies a particular reference identifier printed on a Freight bill of lading.</p>														
source	<pre> &lt;xs:simpleType name="PrintedReferenceType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies a particular reference identifier printed on a Freight bill of lading.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BILL_OF_LADING"/&gt;     &lt;xs:enumeration value="CONSIGNEE_ID_NUMBER"/&gt;     &lt;xs:enumeration value="SHIPPER_ID_NUMBER"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>														

#### simpleType PriorityAlertEnhancementType

namespace	http://fedex.com/ws/ship/v17								
type	restriction of xs:string								
properties	base xs:string								
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>PRIORITY_ALERT_PLUS</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	PRIORITY_ALERT_PLUS	
Kind	Value	Annotation							
enumeration	PRIORITY_ALERT_PLUS								
source	<pre> &lt;xs:simpleType name="PriorityAlertEnhancementType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="PRIORITY_ALERT_PLUS"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>								

</xs:simpleType>
------------------

#### simpleType PurposeOfShipmentType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	GIFT	
	enumeration	NOT_SOLD	
	enumeration	PERSONAL_EFFECTS	
	enumeration	REPAIR_AND_RETURN	
	enumeration	SAMPLE	
	enumeration	SOLD	
annotation	documentation Test for the Commercial Invoice. Note that Sold is not a valid Purpose for a Proforma Invoice.		
source	<xs:simpleType name="PurposeOfShipmentType"> <xs:annotation> <xs:documentation>Test for the Commercial Invoice. Note that Sold is not a valid Purpose for a Proforma Invoice.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="GIFT"/> <xs:enumeration value="NOT_SOLD"/> <xs:enumeration value="PERSONAL_EFFECTS"/> <xs:enumeration value="REPAIR_AND_RETURN"/> <xs:enumeration value="SAMPLE"/> <xs:enumeration value="SOLD"/> </xs:restriction> </xs:simpleType>		

#### simpleType RadioactiveContainerClassType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	EXCEPTED_PACKAGE	
	enumeration	INDUSTRIAL_IP1	
	enumeration	INDUSTRIAL_IP2	
	enumeration	INDUSTRIAL_IP3	
	enumeration	TYPE_A	
	enumeration	TYPE_B_M	
	enumeration	TYPE_B_U	
	enumeration	TYPE_C	
annotation	documentation Indicates the packaging type of the container used to package radioactive hazardous materials.		
source	<xs:simpleType name="RadioactiveContainerClassType"> <xs:annotation> <xs:documentation>Indicates the packaging type of the container used to package radioactive hazardous materials.</xs:documentation> </xs:annotation>		

```

<xs:restriction base="xs:string">
  <xs:enumeration value="EXCEPTED_PACKAGE"/>
  <xs:enumeration value="INDUSTRIAL_IP1"/>
  <xs:enumeration value="INDUSTRIAL_IP2"/>
  <xs:enumeration value="INDUSTRIAL_IP3"/>
  <xs:enumeration value="TYPE_A"/>
  <xs:enumeration value="TYPE_B_M"/>
  <xs:enumeration value="TYPE_B_U"/>
  <xs:enumeration value="TYPE_C"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType RadioactiveLabelType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	III_YELLOW	
	enumeration	II_YELLOW	
	enumeration	I_WHITE	
source	<xs:simpleType name="RadioactiveLabelType">   <xs:restriction base="xs:string">     <xs:enumeration value="III_YELLOW"/>     <xs:enumeration value="II_YELLOW"/>     <xs:enumeration value="I_WHITE"/>   </xs:restriction> </xs:simpleType>		

#### simpleType RadioactivityUnitOfMeasure

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	BQ	
	enumeration	GBQ	
	enumeration	KBQ	
	enumeration	MBQ	
	enumeration	PBQ	
	enumeration	TBQ	
source	<xs:simpleType name="RadioactivityUnitOfMeasure">   <xs:restriction base="xs:string">     <xs:enumeration value="BQ"/>     <xs:enumeration value="GBQ"/>     <xs:enumeration value="KBQ"/>     <xs:enumeration value="MBQ"/>     <xs:enumeration value="PBQ"/>     <xs:enumeration value="TBQ"/>   </xs:restriction> </xs:simpleType>		

<code>&lt;/xs:simpleType&gt;</code>
-------------------------------------

#### simpleType RateDimensionalDivisorType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <code>xs:string</code>		
properties	base <code>xs:string</code>		
facets	Kind	Value	Annotation
	enumeration	COUNTRY	
	enumeration	CUSTOMER	
	enumeration	OTHER	
	enumeration	PRODUCT	
	enumeration	WAIVED	
annotation	documentation Indicates the reason that a dim divisor value was chose.		
source	<pre>&lt;xs:simpleType name="RateDimensionalDivisorType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the reason that a dim divisor value was chose.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="COUNTRY"/&gt;     &lt;xs:enumeration value="CUSTOMER"/&gt;     &lt;xs:enumeration value="OTHER"/&gt;     &lt;xs:enumeration value="PRODUCT"/&gt;     &lt;xs:enumeration value="WAIVED"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType RateDiscountType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <code>xs:string</code>		
properties	base <code>xs:string</code>		
facets	Kind	Value	Annotation
	enumeration	BONUS	
	enumeration	COUPON	
	enumeration	EARNED	
	enumeration	INCENTIVE	
	enumeration	OTHER	
	enumeration	VOLUME	
annotation	documentation The type of the discount.		
source	<pre>&lt;xs:simpleType name="RateDiscountType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The type of the discount.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BONUS"/&gt;     &lt;xs:enumeration value="COUPON"/&gt;     &lt;xs:enumeration value="EARNED"/&gt;     &lt;xs:enumeration value="INCENTIVE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

```

<xs:enumeration value="OTHER"/>
<xs:enumeration value="VOLUME"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType RatedWeightMethod

namespace	http://fedex.com/ws/ship/v17	
type	restriction of <b>xs:string</b>	
properties	base	xs:string
facets	Kind enumeration	Value ACTUAL
	enumeration	AVERAGE_PACKAGE_WEIGHT_MINIMUM
	enumeration	BALLOON
	enumeration	DEFAULT_WEIGHT_APPLIED
	enumeration	DIM
	enumeration	FREIGHT_MINIMUM
	enumeration	MIXED
	enumeration	Oversize
	enumeration	Oversize_1
	enumeration	Oversize_2
	enumeration	Oversize_3
	enumeration	PACKAGING_MINIMUM
	enumeration	WEIGHT_BREAK
annotation	<p>documentation</p> <p>The weight method used to calculate the rate.</p>	
source	<pre> &lt;xs:simpleType name="RatedWeightMethod"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The weight method used to calculate the rate.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ACTUAL"/&gt;     &lt;xs:enumeration value="AVERAGE_PACKAGE_WEIGHT_MINIMUM"/&gt;     &lt;xs:enumeration value="BALLOON"/&gt;     &lt;xs:enumeration value="DEFAULT_WEIGHT_APPLIED"/&gt;     &lt;xs:enumeration value="DIM"/&gt;     &lt;xs:enumeration value="FREIGHT_MINIMUM"/&gt;     &lt;xs:enumeration value="MIXED"/&gt;     &lt;xs:enumeration value="OVERSIZE"/&gt;     &lt;xs:enumeration value="OVERSIZE_1"/&gt;     &lt;xs:enumeration value="OVERSIZE_2"/&gt;     &lt;xs:enumeration value="OVERSIZE_3"/&gt;     &lt;xs:enumeration value="PACKAGING_MINIMUM"/&gt;     &lt;xs:enumeration value="WEIGHT_BREAK"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>	

#### simpleType RateElementBasisType

namespace	http://fedex.com/ws/ship/v17	
type	restriction of <b>xs:string</b>	

properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	BASE_CHARGE	
	enumeration	NET_CHARGE	
	enumeration	NET_CHARGE_EXCLUDING_TAXES	
	enumeration	NET_FREIGHT	
annotation	documentation	Selects the value from a set of rate data to which the percentage is applied.	
source	<pre>&lt;xs:simpleType name="RateElementBasisType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Selects the value from a set of rate data to which the percentage is applied.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BASE_CHARGE"/&gt;     &lt;xs:enumeration value="NET_CHARGE"/&gt;     &lt;xs:enumeration value="NET_CHARGE_EXCLUDING_TAXES"/&gt;     &lt;xs:enumeration value="NET_FREIGHT"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType RateRequestType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	LIST	
	enumeration	NONE	
	enumeration	PREFERRED	
annotation	documentation	Selects the type(s) of rates to be returned in the reply.	
source	<pre>&lt;xs:simpleType name="RateRequestType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the type(s) of rates to be returned in the reply.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="LIST"/&gt;     &lt;xs:enumeration value="NONE"/&gt;     &lt;xs:enumeration value="PREFERRED"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType RateTypeBasisType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	ACCOUNT	
	enumeration	LIST	
annotation	documentation	Select the type of rate from which the element is to be selected.	

source	<pre>&lt;xs:simpleType name="RateTypeBasisType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Select the type of rate from which the element is to be selected.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ACCOUNT"/&gt;     &lt;xs:enumeration value="LIST"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
--------	---

#### simpleType **RebateType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind enumeration	Value BONUS	Annotation
	enumeration	EARNED	
	enumeration	OTHER	
source	<pre>&lt;xs:simpleType name="RebateType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="BONUS"/&gt;     &lt;xs:enumeration value="EARNED"/&gt;     &lt;xs:enumeration value="OTHER "/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType **RecipientCustomsIdType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind enumeration	Value COMPANY	Annotation
	enumeration	INDIVIDUAL	
	enumeration	PASSPORT	
annotation	<p>documentation            Type of Brazilian taxpayer identifier provided in Recipient/TaxPayerIdentification/Number. For shipments bound for Brazil this overrides the value in Recipient/TaxPayerIdentification/TinType</p>		
source	<pre>&lt;xs:simpleType name="RecipientCustomsIdType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of Brazilian taxpayer identifier provided in Recipient/TaxPayerIdentification/Number. For shipments bound for Brazil this overrides the value in Recipient/TaxPayerIdentification/TinType&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="COMPANY"/&gt;     &lt;xs:enumeration value="INDIVIDUAL"/&gt;     &lt;xs:enumeration value="PASSPORT"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

simpleType RecommendedDocumentType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	ANTIQUE_STATEMENT_EUROPEAN_UNION	
	enumeration	ANTIQUE_STATEMENT_UNITED_STATES	
	enumeration	ASSEMBLER_DECLARATION	
	enumeration	BEARING_WORKSHEET	
	enumeration	CERTIFICATE_OF_SHIPMENTS_TO_SYRIA	
	enumeration	COMMERCIAL_INVOICE_FOR_THE_CARIBBEAN_COMMON_MARKET	
	enumeration	CONIFEROUS_SOLID_WOOD_PACKAGING_MATERIAL_TO_THE_PEOPLES_REPUBLIC_OF_CHINA	
	enumeration	DECLARATION_FOR_FREE_ENTRY_OF_RETURNED_AMERICAN_PRODUCTS	
	enumeration	DECLARATION_OF_BIOLOGICAL_STANDARDS	
	enumeration	DECLARATION_OF_IMPORTED_ELECTRONIC_PRODUCTS SUBJECT_TO_RADIATION_CONTROL_STANDARD	
	enumeration	ELECTRONIC_INTEGRATED_CIRCUIT_WORKSHEET	
	enumeration	FILM_AND_VIDEO_CERTIFICATE	
	enumeration	INTERIM_FOOTWEAR_INVOICE	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN_CANADA_ENGLISH	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN_CANADA_FRENCH	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN_SPANISH	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN_UNITED_STATES	
	enumeration	PACKING_LIST	
	enumeration	PRINTED_CIRCUIT_BOARD_WORKSHEET	
	enumeration	REPAIRED_WATCH_BREAKOUT_WORKSHEET	
	enumeration	STATEMENT REGARDING THE IMPORT OF RADIO_FREQUENCY_DEVICES	
	enumeration	TOXIC_SUBSTANCES_CONTROL_ACT	
	enumeration	UNITED_STATES_CARIBBEAN_BASIN_TRADE_PARTNERSHIP_ACT_CERTIFICATE_OF_ORIGIN_NON_TEXTILES	
	enumeration	UNITED_STATES_CARIBBEAN_BASIN_TRADE_PARTNERSHIP_ACT_CERTIFICATE_OF_ORIGIN_TEXTILES	
	enumeration	UNITED_STATES_NEW_WATCH_WORKSHEET	
	enumeration	UNITED_STATES_WATCH_REPAIR_DECLARATION	
annotation	documentation Type of documents that are recommended to be included with the shipment.		
source	<pre> &lt;xs:simpleType name="RecommendedDocumentType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of documents that are recommended to be included with the shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ANTIQUE_STATEMENT_EUROPEAN_UNION"/&gt;     &lt;xs:enumeration value="ANTIQUE_STATEMENT_UNITED_STATES"/&gt;     &lt;xs:enumeration value="ASSEMBLER_DECLARATION"/&gt;     &lt;xs:enumeration value="BEARING_WORKSHEET"/&gt;     &lt;xs:enumeration value="CERTIFICATE_OF_SHIPMENTS_TO_SYRIA"/&gt;     &lt;xs:enumeration value="COMMERCIAL_INVOICE_FOR_THE_CARIBBEAN_COMMON_MARKET"/&gt;     &lt;xs:enumeration value="CONIFEROUS_SOLID_WOOD_PACKAGING_MATERIAL_TO_THE_PEOPLES_REPUBLIC_OF_CHINA"/&gt;     &lt;xs:enumeration value="DECLARATION_FOR_FREE_ENTRY_OF_RETURNED_AMERICAN_PRODUCTS"/&gt;     &lt;xs:enumeration value="DECLARATION_OF_BIOLOGICAL_STANDARDS"/&gt;     &lt;xs:enumeration value="DECLARATION_OF_IMPORTED_ELECTRONIC_PRODUCTS SUBJECT_TO_RADIATION_CONTROL_STANDARD"/&gt;     &lt;xs:enumeration value="ELECTRONIC_INTEGRATED_CIRCUIT_WORKSHEET"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

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<xs:enumeration value="FILM_AND_VIDEO_CERTIFICATE"/>
<xs:enumeration value="INTERIM_FOOTWEAR_INVOICE"/>
<xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN_CANADA_ENGLISH"/>
<xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN_CANADA_FRENCH"/>
<xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN_SPANISH"/>
<xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN_UNITED_STATES"/>
<xs:enumeration value="PACKING_LIST"/>
<xs:enumeration value="PRINTED_CIRCUIT_BOARD_WORKSHEET"/>
<xs:enumeration value="REPAIRED_WATCH_BREAKOUT_WORKSHEET"/>
<xs:enumeration value="STATEMENT REGARDING THE IMPORT OF RADIO FREQUENCY DEVICES"/>
<xs:enumeration value="TOXIC_SUBSTANCES_CONTROL_ACT"/>
<xs:enumeration value="UNITED STATES CARIBBEAN BASIN TRADE PARTNERSHIP ACT CERTIFICATE OF ORIGIN NON TEXTILES"/>
<xs:enumeration value="UNITED STATES CARIBBEAN BASIN TRADE PARTNERSHIP ACT CERTIFICATE OF ORIGIN TEXTILES"/>
<xs:enumeration value="UNITED STATES NEW WATCH WORKSHEET"/>
<xs:enumeration value="UNITED STATES WATCH REPAIR DECLARATION"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType RegulatoryControlType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	EU_CIRCULATION	
	enumeration	FOOD_OR_PERISHABLE	
	enumeration	NAFTA	
	enumeration	NOT_APPLICABLE_FOR_LOW_CUSTOMS_VALUE_EXCEPTION	
annotation	documentation FOOD_OR_PERISHABLE is required by FDA/BTA; must be true for food/perishable items coming to US or PR from non-US/non-PR origin		
source	<xs:simpleType name="RegulatoryControlType">   <xs:annotation>     <xs:documentation>FOOD_OR_PERISHABLE is required by FDA/BTA; must be true for food/perishable items coming to US or PR from non-US/non-PR origin</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="EU_CIRCULATION"/>     <xs:enumeration value="FOOD_OR_PERISHABLE"/>     <xs:enumeration value="NAFTA"/>     <xs:enumeration value="NOT_APPLICABLE_FOR_LOW_CUSTOMS_VALUE_EXCEPTION"/>   </xs:restriction> </xs:simpleType>		

#### simpleType RegulatoryLabelType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	ALCOHOL_SHIPMENT_LABEL	

source	<pre>&lt;xs:simpleType name="RegulatoryLabelType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ALCOHOL_SHIPMENT_LABEL"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
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#### simpleType RelativeVerticalPositionType

namespace	http://fedex.com/ws/ship/v17									
type	restriction of xs:string									
properties	base xs:string									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>ABOVE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>BELOW</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	ABOVE		enumeration	BELOW	
Kind	Value	Annotation								
enumeration	ABOVE									
enumeration	BELOW									
annotation	<p>documentation</p> <p>Describes the vertical position of an item relative to another item.</p>									
source	<pre>&lt;xs:simpleType name="RelativeVerticalPositionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the vertical position of an item relative to another item.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ABOVE"/&gt;     &lt;xs:enumeration value="BELOW"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

#### simpleType RequestedShippingDocumentType

namespace	http://fedex.com/ws/ship/v17																																													
type	restriction of xs:string																																													
properties	base xs:string																																													
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CERTIFICATE_OF_ORIGIN</td> <td></td> </tr> <tr> <td>enumeration</td> <td>COMMERCIAL_INVOICE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CUSTOM_SPECIFIED_LABELS</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CUSTOM_PACKAGE_DOCUMENT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CUSTOM_SHIPMENT_DOCUMENT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DANGEROUS_GOODS_SHIPPERS_DECLARATION</td> <td></td> </tr> <tr> <td>enumeration</td> <td>EXPORT_DECLARATION</td> <td></td> </tr> <tr> <td>enumeration</td> <td>FREIGHT_ADDRESS_LABEL</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GENERAL_AGENCY AGREEMENT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>LABEL</td> <td></td> </tr> <tr> <td>enumeration</td> <td>NAFTA_CERTIFICATE_OF_ORIGIN</td> <td></td> </tr> <tr> <td>enumeration</td> <td>OP_900</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PRO_FORMA_INVOICE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>RETURN_INSTRUCTIONS</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CERTIFICATE_OF_ORIGIN		enumeration	COMMERCIAL_INVOICE		enumeration	CUSTOM_SPECIFIED_LABELS		enumeration	CUSTOM_PACKAGE_DOCUMENT		enumeration	CUSTOM_SHIPMENT_DOCUMENT		enumeration	DANGEROUS_GOODS_SHIPPERS_DECLARATION		enumeration	EXPORT_DECLARATION		enumeration	FREIGHT_ADDRESS_LABEL		enumeration	GENERAL_AGENCY AGREEMENT		enumeration	LABEL		enumeration	NAFTA_CERTIFICATE_OF_ORIGIN		enumeration	OP_900		enumeration	PRO_FORMA_INVOICE		enumeration	RETURN_INSTRUCTIONS	
Kind	Value	Annotation																																												
enumeration	CERTIFICATE_OF_ORIGIN																																													
enumeration	COMMERCIAL_INVOICE																																													
enumeration	CUSTOM_SPECIFIED_LABELS																																													
enumeration	CUSTOM_PACKAGE_DOCUMENT																																													
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enumeration	EXPORT_DECLARATION																																													
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enumeration	GENERAL_AGENCY AGREEMENT																																													
enumeration	LABEL																																													
enumeration	NAFTA_CERTIFICATE_OF_ORIGIN																																													
enumeration	OP_900																																													
enumeration	PRO_FORMA_INVOICE																																													
enumeration	RETURN_INSTRUCTIONS																																													
source	<pre>&lt;xs:simpleType name="RequestedShippingDocumentType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CERTIFICATE_OF_ORIGIN"/&gt;     &lt;xs:enumeration value="COMMERCIAL_INVOICE"/&gt;     &lt;xs:enumeration value="CUSTOM_SPECIFIED_LABELS"/&gt;</pre>																																													

```

<xs:enumeration value="CUSTOM_PACKAGE_DOCUMENT"/>
<xs:enumeration value="CUSTOM_SHIPMENT_DOCUMENT"/>
<xs:enumeration value="DANGEROUS_GOODS_SHIPPERS_DECLARATION"/>
<xs:enumeration value="EXPORT_DECLARATION"/>
<xs:enumeration value="FREIGHT_ADDRESS_LABEL"/>
<xs:enumeration value="GENERAL_AGENCY AGREEMENT"/>
<xs:enumeration value="LABEL"/>
<xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN"/>
<xs:enumeration value="OP_900"/>
<xs:enumeration value="PRO_FORMA_INVOICE"/>
<xs:enumeration value="RETURN_INSTRUCTIONS"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType ReturnedRateType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value INCENTIVE	Annotation
	enumeration	PAYOR_ACCOUNT_PACKAGE	
	enumeration	PAYOR_ACCOUNT_SHIPMENT	
	enumeration	PAYOR_LIST_PACKAGE	
	enumeration	PAYOR_LIST_SHIPMENT	
	enumeration	PREFERRED_ACCOUNT_PACKAGE	
	enumeration	PREFERRED_ACCOUNT_SHIPMENT	
	enumeration	PREFERRED_LIST_PACKAGE	
	enumeration	PREFERRED_LIST_SHIPMENT	
annotation	documentation The "PAYOR..." rates are expressed in the currency identified in the payor's rate table(s). The "RATED..." rates are expressed in the currency of the origin country. Former "...COUNTER..." values have become "...RETAIL..." values, except for PAYOR_COUNTER and RATED_COUNTER, which have been removed.		
source	<xs:simpleType name="ReturnedRateType">   <xs:annotation>     <xs:documentation>The "PAYOR..." rates are expressed in the currency identified in the payor's rate table(s). The "RATED..." rates are expressed in the currency of the origin country. Former "...COUNTER..." values have become "...RETAIL..." values, except for PAYOR_COUNTER and RATED_COUNTER, which have been removed.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="INCENTIVE"/>     <xs:enumeration value="PAYOR_ACCOUNT_PACKAGE"/>     <xs:enumeration value="PAYOR_ACCOUNT_SHIPMENT"/>     <xs:enumeration value="PAYOR_LIST_PACKAGE"/>     <xs:enumeration value="PAYOR_LIST_SHIPMENT"/>     <xs:enumeration value="PREFERRED_ACCOUNT_PACKAGE"/>     <xs:enumeration value="PREFERRED_ACCOUNT_SHIPMENT"/>     <xs:enumeration value="PREFERRED_LIST_PACKAGE"/>     <xs:enumeration value="PREFERRED_LIST_SHIPMENT"/>   </xs:restriction> </xs:simpleType>		

simpleType **ReturnedShippingDocumentType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base	xs:string	
facets	Kind	Value	
	enumeration	AUXILIARY_LABEL	Annotation
	enumeration	CERTIFICATE_OF_ORIGIN	
	enumeration	COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN_2_D_BARCODE	
	enumeration	COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN_LABEL	
	enumeration	COD_RETURN_2_D_BARCODE	
	enumeration	COD_RETURN_LABEL	
	enumeration	COMMERCIAL_INVOICE	
	enumeration	CUSTOM_PACKAGE_DOCUMENT	
	enumeration	CUSTOM_SHIPMENT_DOCUMENT	
	enumeration	DANGEROUS_GOODS_SHIPPERS_DECLARATION	
	enumeration	DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN_2_D_BARCODE	
	enumeration	DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN_LABEL	
	enumeration	ETD_LABEL	
	enumeration	EXPORT_DECLARATION	
	enumeration	FREIGHT_ADDRESS_LABEL	
	enumeration	GENERAL_AGENCY AGREEMENT	
	enumeration	GROUND_BARCODE	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN	
	enumeration	OP_900	
	enumeration	OUTBOUND_2_D_BARCODE	
	enumeration	OUTBOUND_LABEL	
	enumeration	PRO_FORMA_INVOICE	
	enumeration	RECIPIENT_ADDRESS_BARCODE	
	enumeration	RECIPIENT_POSTAL_BARCODE	
	enumeration	RETURN_INSTRUCTIONS	
	enumeration	TERMS_AND_CONDITIONS	
	enumeration	USPS_BARCODE	
annotation	documentation Shipping document type.		
source	<pre>&lt;xs:simpleType name="ReturnedShippingDocumentType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shipping document type.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="AUXILIARY_LABEL"/&gt;     &lt;xs:enumeration value="CERTIFICATE_OF_ORIGIN"/&gt;     &lt;xs:enumeration value="COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN_2_D_BARCODE"/&gt;     &lt;xs:enumeration value="COD_AND_DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN_LABEL"/&gt;     &lt;xs:enumeration value="COD_RETURN_2_D_BARCODE"/&gt;     &lt;xs:enumeration value="COD_RETURN_LABEL"/&gt;     &lt;xs:enumeration value="COMMERCIAL_INVOICE"/&gt;     &lt;xs:enumeration value="CUSTOM_PACKAGE_DOCUMENT"/&gt;     &lt;xs:enumeration value="CUSTOM_SHIPMENT_DOCUMENT"/&gt;     &lt;xs:enumeration value="DANGEROUS_GOODS_SHIPPERS_DECLARATION"/&gt;     &lt;xs:enumeration value="DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN_2_D_BARCODE"/&gt;     &lt;xs:enumeration value="DELIVERY_ON_INVOICE_ACCEPTANCE_RETURN_LABEL"/&gt;</pre>		

```

<xs:enumeration value="ETD_LABEL"/>
<xs:enumeration value="EXPORT_DECLARATION"/>
<xs:enumeration value="FREIGHT_ADDRESS_LABEL"/>
<xs:enumeration value="GENERAL_AGENCY AGREEMENT"/>
<xs:enumeration value="GROUND_BARCODE"/>
<xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN"/>
<xs:enumeration value="OP_900"/>
<xs:enumeration value="OUTBOUND_2_D_BARCODE"/>
<xs:enumeration value="OUTBOUND_LABEL"/>
<xs:enumeration value="PRO_FORMA_INVOICE"/>
<xs:enumeration value="RECIPIENT_ADDRESS_BARCODE"/>
<xs:enumeration value="RECIPIENT_POSTAL_BARCODE"/>
<xs:enumeration value="RETURN_INSTRUCTIONS"/>
<xs:enumeration value="TERMS_AND_CONDITIONS"/>
<xs:enumeration value="USPS_BARCODE"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType ReturnEMailAllowedSpecialServiceType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	SATURDAY_DELIVERY	
	enumeration	SATURDAY_PICKUP	
annotation	<p>documentation</p> <p>These values are used to control the availability of certain special services at the time when a customer uses the e-mail label link to create a return shipment.</p>		
source	<pre> &lt;xs:simpleType name="ReturnEMailAllowedSpecialServiceType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;These values are used to control the availability of certain special services at the time when a customer uses the e-mail label link to create a return shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="SATURDAY_DELIVERY"/&gt;     &lt;xs:enumeration value="SATURDAY_PICKUP"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

#### simpleType ReturnType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	FEDEX_TAG	
	enumeration	PENDING	
	enumeration	PRINT_RETURN_LABEL	
annotation	<p>documentation</p> <p>The type of return shipment that is being requested.</p>		
source	<pre> &lt;xs:simpleType name="ReturnType"&gt; </pre>		

```

<xs:annotation>
  <xs:documentation>The type of return shipment that is being requested.</xs:documentation>
</xs:annotation>
<xs:restriction base="xs:string">
  <xs:enumeration value="FEDEX_TAG"/>
  <xs:enumeration value="PENDING"/>
  <xs:enumeration value="PRINT_RETURN_LABEL"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType RotationType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	LEFT	
	enumeration	NONE	
	enumeration	RIGHT	
	enumeration	UPSIDE_DOWN	
annotation	documentation Describes the rotation of an item from its default orientation.		
source	<xs:simpleType name="RotationType">   <xs:annotation>     <xs:documentation>Describes the rotation of an item from its default orientation.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="LEFT"/>     <xs:enumeration value="NONE"/>     <xs:enumeration value="RIGHT"/>     <xs:enumeration value="UPSIDE_DOWN"/>   </xs:restriction> </xs:simpleType>		

#### simpleType SecondaryBarcodeType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	COMMON_2D	
	enumeration	NONE	
	enumeration	SSCC_18	
	enumeration	USPS	
source	<xs:simpleType name="SecondaryBarcodeType">   <xs:restriction base="xs:string">     <xs:enumeration value="COMMON_2D"/>     <xs:enumeration value="NONE"/>     <xs:enumeration value="SSCC_18"/>     <xs:enumeration value="USPS"/>   </xs:restriction> </xs:simpleType>		

</xs:simpleType>

### simpleType ServiceType

namespace	http://fedex.com/ws/ship/v17	
type	restriction of xs:string	
properties	base xs:string	
facets	Kind	Value
	enumeration	EUROPE_FIRST_INTERNATIONAL_PRIORITY
	enumeration	FEDEX_1_DAY_FREIGHT
	enumeration	FEDEX_2_DAY
	enumeration	FEDEX_2_DAY_AM
	enumeration	FEDEX_2_DAY_FREIGHT
	enumeration	FEDEX_3_DAY_FREIGHT
	enumeration	FEDEX_DISTANCE_DEFERRED
	enumeration	FEDEX_EXPRESS_SAVER
	enumeration	FEDEX_FIRST_FREIGHT
	enumeration	FEDEX_FREIGHT_ECONOMY
	enumeration	FEDEX_FREIGHT_PRIORITY
	enumeration	FEDEX_GROUND
	enumeration	FEDEX_NEXT_DAY_AFTERNOON
	enumeration	FEDEX_NEXT_DAY_EARLY_MORNING
	enumeration	FEDEX_NEXT_DAY_END_OF_DAY
	enumeration	FEDEX_NEXT_DAY_FREIGHT
	enumeration	FEDEX_NEXT_DAY_MID_MORNING
	enumeration	FIRST_OVERNIGHT
	enumeration	GROUND_HOME_DELIVERY
	enumeration	INTERNATIONAL_ECONOMY
	enumeration	INTERNATIONAL_ECONOMY_FREIGHT
	enumeration	INTERNATIONAL_FIRST
	enumeration	INTERNATIONAL_PRIORITY
	enumeration	INTERNATIONAL_PRIORITY_FREIGHT
	enumeration	PRIORITY_OVERNIGHT
	enumeration	SAME_DAY
	enumeration	SAME_DAY_CITY
	enumeration	SMART_POST
	enumeration	STANDARD_OVERNIGHT
annotation	documentation Identifies the collection of available FedEx service options.	
source	<pre> &lt;xs:simpleType name="ServiceType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the collection of available FedEx service options.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="EUROPE_FIRST_INTERNATIONAL_PRIORITY"/&gt;     &lt;xs:enumeration value="FEDEX_1_DAY_FREIGHT"/&gt;     &lt;xs:enumeration value="FEDEX_2_DAY"/&gt;     &lt;xs:enumeration value="FEDEX_2_DAY_AM"/&gt;     &lt;xs:enumeration value="FEDEX_2_DAY_FREIGHT"/&gt;     &lt;xs:enumeration value="FEDEX_3_DAY_FREIGHT"/&gt;     &lt;xs:enumeration value="FEDEX_DISTANCE_DEFERRED"/&gt;     &lt;xs:enumeration value="FEDEX_EXPRESS_SAVER"/&gt;   </pre>	

```

<xs:enumeration value="FEDEX_FIRST_FREIGHT"/>
<xs:enumeration value="FEDEX_FREIGHT_ECONOMY"/>
<xs:enumeration value="FEDEX_FREIGHT_PRIORITY"/>
<xs:enumeration value="FEDEX_GROUND"/>
<xs:enumeration value="FEDEX_NEXT_DAY_AFTERNOON"/>
<xs:enumeration value="FEDEX_NEXT_DAY_EARLY_MORNING"/>
<xs:enumeration value="FEDEX_NEXT_DAY_END_OF_DAY"/>
<xs:enumeration value="FEDEX_NEXT_DAY_FREIGHT"/>
<xs:enumeration value="FEDEX_NEXT_DAY_MID_MORNING"/>
<xs:enumeration value="FIRST_OVERNIGHT"/>
<xs:enumeration value="GROUND_HOME_DELIVERY"/>
<xs:enumeration value="INTERNATIONAL_ECONOMY"/>
<xs:enumeration value="INTERNATIONAL_ECONOMY_FREIGHT"/>
<xs:enumeration value="INTERNATIONAL_FIRST"/>
<xs:enumeration value="INTERNATIONAL_PRIORITY"/>
<xs:enumeration value="INTERNATIONAL_PRIORITY_FREIGHT"/>
<xs:enumeration value="PRIORITY_OVERNIGHT"/>
<xs:enumeration value="SAME_DAY"/>
<xs:enumeration value="SAME_DAY_CITY"/>
<xs:enumeration value="SMART_POST"/>
<xs:enumeration value="STANDARD_OVERNIGHT"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType **ShipmentSpecialServiceType**

namespace	http://fedex.com/ws/ship/v17	
type	restriction of <b>xs:string</b>	
properties	base xs:string	
facets	Kind Value enumeration BROKER_SELECT_OPTION enumeration CALL_BEFORE_DELIVERY enumeration COD enumeration CUSTOM_DELIVERY_WINDOW enumeration DANGEROUS_GOODS enumeration DELIVERY_ON_INVOICE_ACCEPTANCE enumeration DO_NOT_BREAK_DOWN_PALLETS enumeration DO_NOT_STACK_PALLETS enumeration DRY_ICE enumeration EAST_COAST_SPECIAL enumeration ELECTRONIC_TRADE_DOCUMENTS enumeration EMAIL_NOTIFICATION enumeration EXTREME_LENGTH enumeration FEDEX_ONE_RATE enumeration FOOD enumeration FREIGHT_GUARANTEE enumeration FREIGHT_TO_COLLECT enumeration FUTURE_DAY_SHIPMENT enumeration HOLD_AT_LOCATION enumeration HOME_DELIVERY_PREMIUM enumeration INSIDE_DELIVERY	Annotation

	enumeration INSIDE_PICKUP enumeration INTERNATIONAL_CONTROLLED_EXPORT_SERVICE enumeration INTERNATIONAL_TRAFFIC_IN_ARMS_REGULATIONS enumeration LIFTGATE_DELIVERY enumeration LIFTGATE_PICKUP enumeration LIMITED_ACCESS_DELIVERY enumeration LIMITED_ACCESS_PICKUP enumeration PENDING_SHIPMENT enumeration PHARMACY_DELIVERY enumeration POISON enumeration PROTECTION_FROM_FREEZING enumeration RETURNS_CLEARANCE enumeration RETURN_SHIPMENT enumeration SATURDAY_DELIVERY enumeration SATURDAY_PICKUP enumeration TOP_LOAD
annotation	documentation Identifies the collection of special service offered by FedEx. BROKER_SELECT_OPTION should be used for Express shipments only.
source	<pre>&lt;xs:simpleType name="ShipmentSpecialServiceType"&gt; &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Identifies the collection of special service offered by FedEx. BROKER_SELECT_OPTION should be used for Express shipments only.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:string"&gt;   &lt;xs:enumeration value="BROKER_SELECT_OPTION"/&gt;   &lt;xs:enumeration value="CALL_BEFORE_DELIVERY"/&gt;   &lt;xs:enumeration value="COD"/&gt;   &lt;xs:enumeration value="CUSTOM_DELIVERY_WINDOW"/&gt;   &lt;xs:enumeration value="DANGEROUS_GOODS"/&gt;   &lt;xs:enumeration value="DELIVERY_ON_INVOICE_ACCEPTANCE"/&gt;   &lt;xs:enumeration value="DO_NOT_BREAK_DOWN_PALLETS"/&gt;   &lt;xs:enumeration value="DO_NOT_STACK_PALLETS"/&gt;   &lt;xs:enumeration value="DRY_ICE"/&gt;   &lt;xs:enumeration value="EAST_COAST_SPECIAL"/&gt;   &lt;xs:enumeration value="ELECTRONIC_TRADE_DOCUMENTS"/&gt;   &lt;xs:enumeration value="EMAIL_NOTIFICATION"/&gt;   &lt;xs:enumeration value="EXTREME_LENGTH"/&gt;   &lt;xs:enumeration value="FEDEX_ONE_RATE"/&gt;   &lt;xs:enumeration value="FOOD"/&gt;   &lt;xs:enumeration value="FREIGHT_GUARANTEE"/&gt;   &lt;xs:enumeration value="FREIGHT_TO_COLLECT"/&gt;   &lt;xs:enumeration value="FUTURE_DAY_SHIPMENT"/&gt;   &lt;xs:enumeration value="HOLD_AT_LOCATION"/&gt;   &lt;xs:enumeration value="HOME_DELIVERY_PREMIUM"/&gt;   &lt;xs:enumeration value="INSIDE_DELIVERY"/&gt;   &lt;xs:enumeration value="INSIDE_PICKUP"/&gt;   &lt;xs:enumeration value="INTERNATIONAL_CONTROLLED_EXPORT_SERVICE"/&gt;   &lt;xs:enumeration value="INTERNATIONAL_TRAFFIC_IN_ARMS_REGULATIONS"/&gt;   &lt;xs:enumeration value="LIFTGATE_DELIVERY"/&gt;   &lt;xs:enumeration value="LIFTGATE_PICKUP"/&gt;   &lt;xs:enumeration value="LIMITED_ACCESS_DELIVERY"/&gt;   &lt;xs:enumeration value="LIMITED_ACCESS_PICKUP"/&gt;</pre>

```

<xs:enumeration value="PENDING_SHIPMENT"/>
<xs:enumeration value="PHARMACY_DELIVERY"/>
<xs:enumeration value="POISON"/>
<xs:enumeration value="PROTECTION_FROM_FREEZING"/>
<xs:enumeration value="RETURNS_CLEARANCE"/>
<xs:enumeration value="RETURN_SHIPMENT"/>
<xs:enumeration value="SATURDAY_DELIVERY"/>
<xs:enumeration value="SATURDAY_PICKUP"/>
<xs:enumeration value="TOP_LOAD"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType **ShippingDocumentDispositionType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	CONFIRMED	
	enumeration	DEFERRED_RETURNED	
	enumeration	DEFERRED_STORED	
	enumeration	EMAILED	
	enumeration	QUEUED	
	enumeration	RETURNED	
	enumeration	STORED	
annotation	documentation Specifies how to return a shipping document to the caller.		
source	<xs:simpleType name="ShippingDocumentDispositionType">   <xs:annotation>     <xs:documentation>Specifies how to return a shipping document to the caller.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="CONFIRMED"/>     <xs:enumeration value="DEFERRED_RETURNED"/>     <xs:enumeration value="DEFERRED_STORED"/>     <xs:enumeration value="EMAILED"/>     <xs:enumeration value="QUEUED"/>     <xs:enumeration value="RETURNED"/>     <xs:enumeration value="STORED"/>   </xs:restriction> </xs:simpleType>		

#### simpleType **ShippingDocumentEMailGroupingType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	BY_RECIPIENT	
	enumeration	NONE	
source	<xs:simpleType name="ShippingDocumentEMailGroupingType">		

```

<xs:restriction base="xs:string">
  <xs:enumeration value="BY_RECIPIENT"/>
  <xs:enumeration value="NONE"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType **ShippingDocumentGroupingType**

namespace	http://fedex.com/ws/ship/v17											
type	restriction of <b>xs:string</b>											
properties	base xs:string											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CONSOLIDATED_BY_DOCUMENT_TYPE</td> <td></td> </tr> <tr> <td>enumeration</td> <td>INDIVIDUAL</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	CONSOLIDATED_BY_DOCUMENT_TYPE		enumeration	INDIVIDUAL	
Kind	Value	Annotation										
enumeration	CONSOLIDATED_BY_DOCUMENT_TYPE											
enumeration	INDIVIDUAL											
annotation	<p>documentation</p> <p>Specifies how to organize all shipping documents of the same type.</p>											
source	<pre> &lt;xs:simpleType name="ShippingDocumentGroupingType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies how to organize all shipping documents of the same type.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CONSOLIDATED_BY_DOCUMENT_TYPE"/&gt;     &lt;xs:enumeration value="INDIVIDUAL"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>											

#### simpleType **ShippingDocumentImageType**

namespace	http://fedex.com/ws/ship/v17																													
type	restriction of <b>xs:string</b>																													
properties	base xs:string																													
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>DOC</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DPL</td> <td></td> </tr> <tr> <td>enumeration</td> <td>EPL2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PDF</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PNG</td> <td></td> </tr> <tr> <td>enumeration</td> <td>RTF</td> <td></td> </tr> <tr> <td>enumeration</td> <td>TEXT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ZPLII</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	DOC		enumeration	DPL		enumeration	EPL2		enumeration	PDF		enumeration	PNG		enumeration	RTF		enumeration	TEXT		enumeration	ZPLII	
Kind	Value	Annotation																												
enumeration	DOC																													
enumeration	DPL																													
enumeration	EPL2																													
enumeration	PDF																													
enumeration	PNG																													
enumeration	RTF																													
enumeration	TEXT																													
enumeration	ZPLII																													
annotation	<p>documentation</p> <p>Specifies the image format used for a shipping document.</p>																													
source	<pre> &lt;xs:simpleType name="ShippingDocumentImageType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the image format used for a shipping document.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="DOC"/&gt;     &lt;xs:enumeration value="DPL"/&gt;     &lt;xs:enumeration value="EPL2"/&gt;     &lt;xs:enumeration value="PDF"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>																													

```

<xs:enumeration value="PNG"/>
<xs:enumeration value="RTF"/>
<xs:enumeration value="TEXT"/>
<xs:enumeration value="ZPLII"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType **ShippingDocumentStockType**

namespace	http://fedex.com/ws/ship/v17	
type	restriction of <b>xs:string</b>	
properties	base	xs:string
facets	Kind	Value
	enumeration	Annotation OP_900_LG_B
	enumeration	OP_900_LL_B
	enumeration	OP_950
	enumeration	PAPER_4X6
	enumeration	PAPER_4_PER_PAGE_PORTRAIT
	enumeration	PAPER_LETTER
	enumeration	STOCK_4X6
	enumeration	STOCK_4X6.75.LEADING_DOC_TAB
	enumeration	STOCK_4X6.75.TRAILING_DOC_TAB
	enumeration	STOCK_4X8
	enumeration	STOCK_4X9.LEADING_DOC_TAB
	enumeration	STOCK_4X9.TRAILING_DOC_TAB
annotation	documentation Specifies the type of paper (stock) on which a document will be printed.	
source	<xs:simpleType name="ShippingDocumentStockType">   <xs:annotation>     <xs:documentation>Specifies the type of paper (stock) on which a document will be printed.</xs:documentation>   </xs:annotation>   <xs:restriction base="xs:string">     <xs:enumeration value="OP_900_LG_B"/>     <xs:enumeration value="OP_900_LL_B"/>     <xs:enumeration value="OP_950"/>     <xs:enumeration value="PAPER_4X6"/>     <xs:enumeration value="PAPER_4_PER_PAGE_PORTRAIT"/>     <xs:enumeration value="PAPER_LETTER"/>     <xs:enumeration value="STOCK_4X6"/>     <xs:enumeration value="STOCK_4X6.75.LEADING_DOC_TAB"/>     <xs:enumeration value="STOCK_4X6.75.TRAILING_DOC_TAB"/>     <xs:enumeration value="STOCK_4X8"/>     <xs:enumeration value="STOCK_4X9.LEADING_DOC_TAB"/>     <xs:enumeration value="STOCK_4X9.TRAILING_DOC_TAB"/>   </xs:restriction> </xs:simpleType>	

#### simpleType **SignatureOptionType**

namespace	http://fedex.com/ws/ship/v17	
type	restriction of <b>xs:string</b>	

properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	ADULT	
	enumeration	DIRECT	
	enumeration	INDIRECT	
	enumeration	NO_SIGNATURE_REQUIRED	
	enumeration	SERVICE_DEFAULT	
annotation	documentation	Identifies the delivery signature services options offered by FedEx.	
source	<pre>&lt;xs:simpleType name="SignatureOptionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the delivery signature services options offered by FedEx.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ADULT"/&gt;     &lt;xs:enumeration value="DIRECT"/&gt;     &lt;xs:enumeration value="INDIRECT"/&gt;     &lt;xs:enumeration value="NO_SIGNATURE_REQUIRED"/&gt;     &lt;xs:enumeration value="SERVICE_DEFAULT"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType SmartPostAncillaryEndorsementType

namespace	http://fedex.com/ws/ship/v17			
type	restriction of xs:string			
properties	base	xs:string		
facets	Kind	Value	Annotation	
	enumeration	ADDRESS_CORRECTION		
	enumeration	CARRIER_LEAVE_IF_NO_RESPONSE		
	enumeration	CHANGE_SERVICE		
	enumeration	FORWARDING_SERVICE		
	enumeration	RETURN_SERVICE		
annotation	documentation	These values are mutually exclusive; at most one of them can be attached to a SmartPost shipment.		
source	<pre>&lt;xs:simpleType name="SmartPostAncillaryEndorsementType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;These values are mutually exclusive; at most one of them can be attached to a SmartPost shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ADDRESS_CORRECTION"/&gt;     &lt;xs:enumeration value="CARRIER_LEAVE_IF_NO_RESPONSE"/&gt;     &lt;xs:enumeration value="CHANGE_SERVICE"/&gt;     &lt;xs:enumeration value="FORWARDING_SERVICE"/&gt;     &lt;xs:enumeration value="RETURN_SERVICE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>			

#### simpleType SmartPostIndiciaType

namespace	http://fedex.com/ws/ship/v17		
-----------	------------------------------	--	--

type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value MEDIA_MAIL	Annotation
	enumeration	PARCEL_RETURN	
	enumeration	PARCEL_SELECT	
	enumeration	PRESORTED_BOUND_PRINTED_MATTER	
	enumeration	PRESORTED_STANDARD	
source	<pre>&lt;xs:simpleType name="SmartPostIndiciaType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="MEDIA_MAIL"/&gt;     &lt;xs:enumeration value="PARCEL_RETURN"/&gt;     &lt;xs:enumeration value="PARCEL_SELECT"/&gt;     &lt;xs:enumeration value="PRESORTED_BOUND_PRINTED_MATTER"/&gt;     &lt;xs:enumeration value="PRESORTED_STANDARD"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType SmartPostShipmentProcessingOptionType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value GROUND_TRACKING_NUMBER_REQUESTED	Annotation
source	<pre>&lt;xs:simpleType name="SmartPostShipmentProcessingOptionType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="GROUND_TRACKING_NUMBER_REQUESTED"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType SpecialRatingAppliedType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value FEDEX_ONE_RATE	Annotation
	enumeration	FIXED_FUEL_SURCHARGE	
	enumeration	IMPORT_PRICING	
annotation	documentation Special circumstance rating used for this shipment.		
source	<pre>&lt;xs:simpleType name="SpecialRatingAppliedType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special circumstance rating used for this shipment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="FEDEX_ONE_RATE"/&gt;     &lt;xs:enumeration value="FIXED_FUEL_SURCHARGE"/&gt;     &lt;xs:enumeration value="IMPORT_PRICING"/&gt;   &lt;/xs:restriction&gt;</pre>		

<code>&lt;/xs:simpleType&gt;</code>
-------------------------------------

#### simpleType **StringBarcodeType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base    xs:string		
facets	Kind	Value	Annotation
	enumeration	ADDRESS	
	enumeration	ASTRA	
	enumeration	FEDEX_1D	
	enumeration	GROUND	
	enumeration	POSTAL	
	enumeration	USPS	
source	<pre>&lt;xs:simpleType name="StringBarcodeType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ADDRESS"/&gt;     &lt;xs:enumeration value="ASTRA"/&gt;     &lt;xs:enumeration value="FEDEX_1D"/&gt;     &lt;xs:enumeration value="GROUND"/&gt;     &lt;xs:enumeration value="POSTAL"/&gt;     &lt;xs:enumeration value="USPS"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType **SurchargeLevelType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base    xs:string		
facets	Kind	Value	Annotation
	enumeration	PACKAGE	
	enumeration	SHIPMENT	
source	<pre>&lt;xs:simpleType name="SurchargeLevelType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="PACKAGE"/&gt;     &lt;xs:enumeration value="SHIPMENT"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType **SurchargeType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base    xs:string		
facets	Kind	Value	Annotation
	enumeration	ADDITIONAL_HANDLING	
	enumeration	ANCILLARY_FEE	
	enumeration	APPOINTMENT_DELIVERY	
	enumeration	BROKER_SELECT_OPTION	

enumeration	CANADIAN_DESTINATION
enumeration	CLEARANCE_ENTRY_FEE
enumeration	COD
enumeration	CUT_FLOWERS
enumeration	DANGEROUS_GOODS
enumeration	DELIVERY_AREA
enumeration	DELIVERY_CONFIRMATION
enumeration	DELIVERY_ON_INVOICE_ACCEPTANCE
enumeration	DOCUMENTATION_FEE
enumeration	DRY_ICE
enumeration	EMAIL_LABEL
enumeration	EUROPE_FIRST
enumeration	EXCESS_VALUE
enumeration	EXHIBITION
enumeration	EXPORT
enumeration	EXTRA_SURFACE_HANDLING_CHARGE
enumeration	EXTREME_LENGTH
enumeration	FEDEX_INTRACOUNTRY_FEES
enumeration	FEDEX_TAG
enumeration	FICE
enumeration	FLATBED
enumeration	FREIGHT_GUARANTEE
enumeration	FREIGHT_ON_VALUE
enumeration	FREIGHT_TO_COLLECT
enumeration	FUEL
enumeration	HOLD_AT_LOCATION
enumeration	HOME_DELIVERY_APPOINTMENT
enumeration	HOME_DELIVERY_DATE_CERTAIN
enumeration	HOME_DELIVERY_EVENING
enumeration	INSIDE_DELIVERY
enumeration	INSIDE_PICKUP
enumeration	INSURED_VALUE
enumeration	INTERHAWAII
enumeration	LIFTGATE_DELIVERY
enumeration	LIFTGATE_PICKUP
enumeration	LIMITED_ACCESS_DELIVERY
enumeration	LIMITED_ACCESS_PICKUP
enumeration	METRO_DELIVERY
enumeration	METRO_PICKUP
enumeration	NON_MACHINABLE
enumeration	OFFSHORE
enumeration	ON_CALL_PICKUP
enumeration	OTHER
enumeration	OUT_OF_DELIVERY_AREA
enumeration	OUT_OF_PICKUP_AREA
enumeration	OVERSIZE
enumeration	OVER_DIMENSION
enumeration	PIECE_COUNT_VERIFICATION
enumeration	PRE_DELIVERY_NOTIFICATION
enumeration	PRIORITY_ALERT
enumeration	PROTECTION_FROM_FREEZING
enumeration	REGIONAL_MALL_DELIVERY

	enumeration REGIONAL_MALL_PICKUP enumeration REROUTE enumeration RESCHEDULE enumeration RESIDENTIAL_DELIVERY enumeration RESIDENTIAL_PICKUP enumeration RETURN_LABEL enumeration SATURDAY_DELIVERY enumeration SATURDAY_PICKUP enumeration SIGNATURE_OPTION enumeration TARP enumeration THIRD_PARTY_CONSIGNEE enumeration TRANSMART_SERVICE_FEE
annotation	documentation The type of the surcharge.
source	<pre>&lt;xs:simpleType name="SurchargeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The type of the surcharge.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="ADDITIONAL_HANDLING"/&gt;     &lt;xs:enumeration value="ANCILLARY_FEE"/&gt;     &lt;xs:enumeration value="APPOINTMENT_DELIVERY"/&gt;     &lt;xs:enumeration value="BROKER_SELECT_OPTION"/&gt;     &lt;xs:enumeration value="CANADIAN_DESTINATION"/&gt;     &lt;xs:enumeration value="CLEARANCE_ENTRY_FEE"/&gt;     &lt;xs:enumeration value="COD"/&gt;     &lt;xs:enumeration value="CUT_FLOWERS"/&gt;     &lt;xs:enumeration value="DANGEROUS_GOODS"/&gt;     &lt;xs:enumeration value="DELIVERY_AREA"/&gt;     &lt;xs:enumeration value="DELIVERY_CONFIRMATION"/&gt;     &lt;xs:enumeration value="DELIVERY_ON_INVOICE_ACCEPTANCE"/&gt;     &lt;xs:enumeration value="DOCUMENTATION_FEE"/&gt;     &lt;xs:enumeration value="DRY_ICE"/&gt;     &lt;xs:enumeration value="EMAIL_LABEL"/&gt;     &lt;xs:enumeration value="EUROPE_FIRST"/&gt;     &lt;xs:enumeration value="EXCESS_VALUE"/&gt;     &lt;xs:enumeration value="EXHIBITION"/&gt;     &lt;xs:enumeration value="EXPORT"/&gt;     &lt;xs:enumeration value="EXTRA_SURFACE_HANDLING_CHARGE"/&gt;     &lt;xs:enumeration value="EXTREME_LENGTH"/&gt;     &lt;xs:enumeration value="FEDEX_INTRACOUNTRY_FEES"/&gt;     &lt;xs:enumeration value="FEDEX_TAG"/&gt;     &lt;xs:enumeration value="FICE"/&gt;     &lt;xs:enumeration value="FLATBED"/&gt;     &lt;xs:enumeration value="FREIGHT_GUARANTEE"/&gt;     &lt;xs:enumeration value="FREIGHT_ON_VALUE"/&gt;     &lt;xs:enumeration value="FREIGHT_TO_COLLECT"/&gt;     &lt;xs:enumeration value="FUEL"/&gt;     &lt;xs:enumeration value="HOLD_AT_LOCATION"/&gt;     &lt;xs:enumeration value="HOME_DELIVERY_APPOINTMENT"/&gt;     &lt;xs:enumeration value="HOME_DELIVERY_DATE_CERTAIN"/&gt;     &lt;xs:enumeration value="HOME_DELIVERY_EVENING"/&gt;</pre>

```

<xs:enumeration value="INSIDE_DELIVERY"/>
<xs:enumeration value="INSIDE_PICKUP"/>
<xs:enumeration value="INSURED_VALUE"/>
<xs:enumeration value="INTERHAWAII"/>
<xs:enumeration value="LIFTGATE_DELIVERY"/>
<xs:enumeration value="LIFTGATE_PICKUP"/>
<xs:enumeration value="LIMITED_ACCESS_DELIVERY"/>
<xs:enumeration value="LIMITED_ACCESS_PICKUP"/>
<xs:enumeration value="METRO_DELIVERY"/>
<xs:enumeration value="METRO_PICKUP"/>
<xs:enumeration value="NON_MACHINABLE"/>
<xs:enumeration value="OFFSHORE"/>
<xs:enumeration value="ON_CALL_PICKUP"/>
<xs:enumeration value="OTHER"/>
<xs:enumeration value="OUT_OF_DELIVERY_AREA"/>
<xs:enumeration value="OUT_OF_PICKUP_AREA"/>
<xs:enumeration value="OVERSIZE"/>
<xs:enumeration value="OVER_DIMENSION"/>
<xs:enumeration value="PIECE_COUNT_VERIFICATION"/>
<xs:enumeration value="PRE_DELIVERY_NOTIFICATION"/>
<xs:enumeration value="PRIORITY_ALERT"/>
<xs:enumeration value="PROTECTION_FROM_FREEZING"/>
<xs:enumeration value="REGIONAL_MALL_DELIVERY"/>
<xs:enumeration value="REGIONAL_MALL_PICKUP"/>
<xs:enumeration value="REROUTE"/>
<xs:enumeration value="RESCHEDULE"/>
<xs:enumeration value="RESIDENTIAL_DELIVERY"/>
<xs:enumeration value="RESIDENTIAL_PICKUP"/>
<xs:enumeration value="RETURN_LABEL"/>
<xs:enumeration value="SATURDAY_DELIVERY"/>
<xs:enumeration value="SATURDAY_PICKUP"/>
<xs:enumeration value="SIGNATURE_OPTION"/>
<xs:enumeration value="TARP"/>
<xs:enumeration value="THIRD_PARTY_CONSIGNEE"/>
<xs:enumeration value="TRANSMART_SERVICE_FEE"/>
</xs:restriction>
</xs:simpleType>

```

#### simpleType TaxesOrMiscellaneousChargeType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	COMMISSIONS	
	enumeration	DISCOUNTS	
	enumeration	HANDLING_FEES	
	enumeration	OTHER	
	enumeration	ROYALTIES_AND_LICENSE_FEES	
	enumeration	TAXES	
annotation	documentation Specify the kind of tax or miscellaneous charge being reported on a Commercial Invoice.		

source	<pre>&lt;xs:simpleType name="TaxesOrMiscellaneousChargeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specify the kind of tax or miscellaneous charge being reported on a Commercial Invoice.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="COMMISSIONS"/&gt;     &lt;xs:enumeration value="DISCOUNTS"/&gt;     &lt;xs:enumeration value="HANDLING_FEES"/&gt;     &lt;xs:enumeration value="OTHER"/&gt;     &lt;xs:enumeration value="ROYALTIES_AND_LICENSE_FEES"/&gt;     &lt;xs:enumeration value="TAXES"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
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#### simpleType TaxType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	EXPORT	
	enumeration	GST	
	enumeration	HST	
	enumeration	INTRACOUNTRY	
	enumeration	OTHER	
	enumeration	PST	
	enumeration	VAT	
annotation	documentation The type of the tax.		
source	<pre>&lt;xs:simpleType name="TaxType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The type of the tax.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="EXPORT"/&gt;     &lt;xs:enumeration value="GST"/&gt;     &lt;xs:enumeration value="HST"/&gt;     &lt;xs:enumeration value="INTRACOUNTRY"/&gt;     &lt;xs:enumeration value="OTHER"/&gt;     &lt;xs:enumeration value="PST"/&gt;     &lt;xs:enumeration value="VAT"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### simpleType TinType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation

	enumeration BUSINESS_NATIONAL enumeration BUSINESS_STATE enumeration BUSINESS_UNION enumeration PERSONAL_NATIONAL enumeration PERSONAL_STATE
annotation	documentation Identifies the category of the taxpayer identification number.
source	<xs:simpleType name="TinType"> <xs:annotation> <xs:documentation>Identifies the category of the taxpayer identification number.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BUSINESS_NATIONAL"/> <xs:enumeration value="BUSINESS_STATE"/> <xs:enumeration value="BUSINESS_UNION"/> <xs:enumeration value="PERSONAL_NATIONAL"/> <xs:enumeration value="PERSONAL_STATE"/> </xs:restriction> </xs:simpleType>

#### simpleType TrackingIdType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	EXPRESS	
	enumeration	FEDEX	
	enumeration	FREIGHT	
	enumeration	GROUND	
	enumeration	USPS	
annotation	documentation TrackingIdType		
source	<xs:simpleType name="TrackingIdType"> <xs:annotation> <xs:documentation>TrackingIdType</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EXPRESS"/> <xs:enumeration value="FEDEX"/> <xs:enumeration value="FREIGHT"/> <xs:enumeration value="GROUND"/> <xs:enumeration value="USPS"/> </xs:restriction> </xs:simpleType>		

#### simpleType TransitTimeType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		

	Kind	Value	Annotation
facets	enumeration	EIGHTEEN_DAYS	
	enumeration	EIGHT_DAYS	
	enumeration	ELEVEN_DAYS	
	enumeration	FIFTEEN_DAYS	
	enumeration	FIVE_DAYS	
	enumeration	FOURTEEN_DAYS	
	enumeration	FOUR_DAYS	
	enumeration	NINETEEN_DAYS	
	enumeration	NINE_DAYS	
	enumeration	ONE_DAY	
	enumeration	SEVENTEEN_DAYS	
	enumeration	SEVEN_DAYS	
	enumeration	SIXTEEN_DAYS	
	enumeration	SIX_DAYS	
	enumeration	TEN_DAYS	
	enumeration	THIRTEEN_DAYS	
	enumeration	THREE_DAYS	
	enumeration	TWELVE_DAYS	
	enumeration	TWENTY_DAYS	
	enumeration	TWO_DAYS	
	enumeration	UNKNOWN	
annotation	documentation	Identifies the set of valid shipment transit time values.	
source	<pre>&lt;xs:simpleType name="TransitTimeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the set of valid shipment transit time values.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="EIGHTEEN_DAYS"/&gt;     &lt;xs:enumeration value="EIGHT_DAYS"/&gt;     &lt;xs:enumeration value="ELEVEN_DAYS"/&gt;     &lt;xs:enumeration value="FIFTEEN_DAYS"/&gt;     &lt;xs:enumeration value="FIVE_DAYS"/&gt;     &lt;xs:enumeration value="FOURTEEN_DAYS"/&gt;     &lt;xs:enumeration value="FOUR_DAYS"/&gt;     &lt;xs:enumeration value="NINETEEN_DAYS"/&gt;     &lt;xs:enumeration value="NINE_DAYS"/&gt;     &lt;xs:enumeration value="ONE_DAY"/&gt;     &lt;xs:enumeration value="SEVENTEEN_DAYS"/&gt;     &lt;xs:enumeration value="SEVEN_DAYS"/&gt;     &lt;xs:enumeration value="SIXTEEN_DAYS"/&gt;     &lt;xs:enumeration value="SIX_DAYS"/&gt;     &lt;xs:enumeration value="TEN_DAYS"/&gt;     &lt;xs:enumeration value="THIRTEEN_DAYS"/&gt;     &lt;xs:enumeration value="THREE_DAYS"/&gt;     &lt;xs:enumeration value="TWELVE_DAYS"/&gt;     &lt;xs:enumeration value="TWENTY_DAYS"/&gt;     &lt;xs:enumeration value="TWO_DAYS"/&gt;     &lt;xs:enumeration value="UNKNOWN"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType UploadDocumentIdProducer**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	CUSTOMER	
	enumeration	FEDEX_CAFE	
	enumeration	FEDEX_CSHP	
	enumeration	FEDEX_FXRS	
	enumeration	FEDEX_GSMW	
	enumeration	FEDEX_GTM	
	enumeration	FEDEX_INET	
annotation	documentation Specifies the application that is responsible for managing the document id.		
source	<xs:simpleType name="UploadDocumentIdProducer"> <xs:annotation> <xs:documentation>Specifies the application that is responsible for managing the document id.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CUSTOMER"/> <xs:enumeration value="FEDEX_CAFE"/> <xs:enumeration value="FEDEX_CSHP"/> <xs:enumeration value="FEDEX_FXRS"/> <xs:enumeration value="FEDEX_GSMW"/> <xs:enumeration value="FEDEX_GTM"/> <xs:enumeration value="FEDEX_INET"/> </xs:restriction> </xs:simpleType>		

**simpleType UploadDocumentProducerType**

namespace	http://fedex.com/ws/ship/v17		
type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	CUSTOMER	
	enumeration	FEDEX_CLS	
	enumeration	FEDEX_GSMW	
	enumeration	FEDEX_GTM	
	enumeration	OTHER	
source	<xs:simpleType name="UploadDocumentProducerType"> <xs:restriction base="xs:string"> <xs:enumeration value="CUSTOMER"/> <xs:enumeration value="FEDEX_CLS"/> <xs:enumeration value="FEDEX_GSMW"/> <xs:enumeration value="FEDEX_GTM"/> <xs:enumeration value="OTHER"/> </xs:restriction> </xs:simpleType>		

### simpleType UploadDocumentType

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	CERTIFICATE_OF_ORIGIN	
	enumeration	COMMERCIAL_INVOICE	
	enumeration	ETD_LABEL	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN	
	enumeration	OTHER	
	enumeration	PRO_FORMA_INVOICE	
source	<pre>&lt;xs:simpleType name="UploadDocumentType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CERTIFICATE_OF_ORIGIN"/&gt;     &lt;xs:enumeration value="COMMERCIAL_INVOICE"/&gt;     &lt;xs:enumeration value="ETD_LABEL"/&gt;     &lt;xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN"/&gt;     &lt;xs:enumeration value="OTHER"/&gt;     &lt;xs:enumeration value="PRO_FORMA_INVOICE"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

### simpleType VolumeUnits

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	CUBIC_FT	
	enumeration	CUBIC_M	
annotation	documentation	Units of three-dimensional volume/cubic measure.	
source	<pre>&lt;xs:simpleType name="VolumeUnits"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Units of three-dimensional volume/cubic measure.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CUBIC_FT"/&gt;     &lt;xs:enumeration value="CUBIC_M"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

### simpleType WeightUnits

namespace	http://fedex.com/ws/ship/v17		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	KG	

	enumeration	LB
annotation	documentation	Identifies the unit of measure associated with a weight value. See the list of enumerated types for valid values.
source	<pre>&lt;xs:simpleType name="WeightUnits"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the unit of measure associated with a weight value. See the list of enumerated types for valid values.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="KG"/&gt;     &lt;xs:enumeration value="LB"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	