



# United States Postal Service® Web Tools User's Guide



## A Technical Guide to

## *USPS Online Customs Forms*

## Application Programming Interfaces



Before implementing these APIs, the *Administrative Guide for Application Programming Interfaces* must be read.

Version 5.0 (5/14/04)

## **To Our Customers**

In the e-mail that accompanied this guide you received a password and User ID that will allow you to begin sending calls to the production server. Any additional documentation or contact with you will be made through the contact person indicated on the registration form.

If you require technical support, contact the USPS Internet Customer Care Center (ICCC). This office is staffed from 7:00AM to 11:00PM EST.

E-mail: [icustomer@usps.com](mailto:icustomer@usps.com)

Telephone: 1-800-344-7779 (7:00AM to 11:00PM EST)

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Thank you for helping the U.S. Postal Service provide new Internet services to our shipping customers.

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## Introduction to the Online Customs Forms API

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Only two customs declaration forms are used for international mail, as required under section 123.6 of the *USPS International Mail Manual*:

1. PS Form 2976, *Customs - CN 22 and Sender's Declaration*
2. PS Form 2976-A, *Customs Declaration and Dispatch Note CP 72*

Users must know which form is applicable for each shipment. An individual country will require a PS Form 2976 (CN 22) or PS Form 2976-A (CP 72) Customs Form, depending on the contents of the package. The correct form for each country and content combination can be found in the *USPS International Mail Manual* (IMM) or from the International Rates Calculator API. To access the IMM, go to <http://pe.usps.gov/>. However, in the data returned by either of the APIs described in this manual, the appropriate form is specified. This data can be used to confirm that the correct form is being used. Refer to the “Output” sections for each API below.

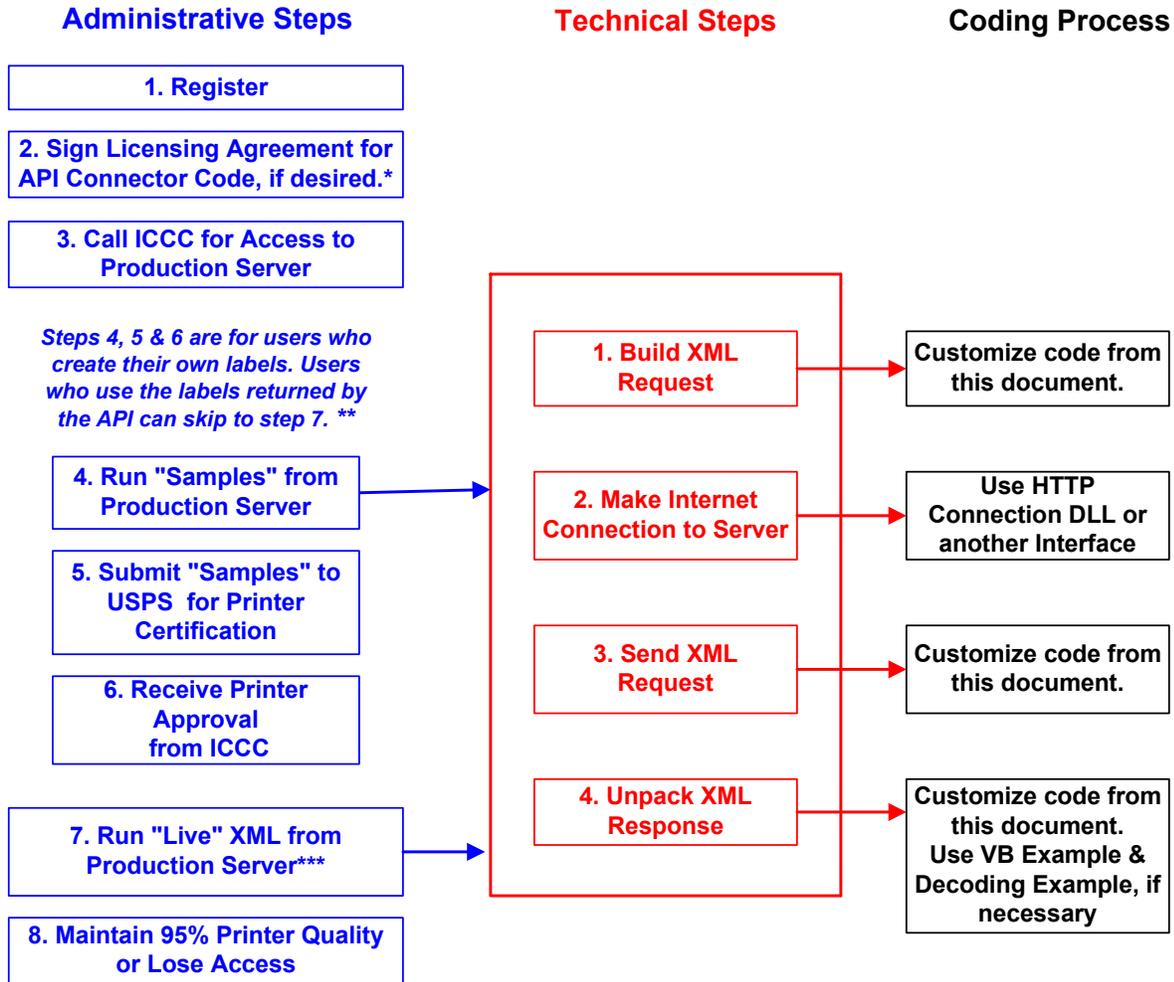
Both customs forms require signatures by the sender before submission to the post office.

This *Web Tools API User Guide* is divided into two parts: transaction procedures for PS Form 2976 (CN 22) and PS Form 2976-A (CP 72) Customs Forms. Although the technical steps are identical, different code is required to run the APIs and the two forms require different XML tags and data.

### Administrative Steps

As shown in the illustration below, implementing APIs requires a series of *Administrative Steps*. The *Administrative Guide for APIs*, available at <http://www.usps.com/webtools>, provides necessary information and procedures prior to installation. The illustration also shows the *Technical Steps* required to run XML transactions for the API production server, as well as the *Coding Process* to be followed for each *Technical Step*. This document provides step-by-step instructions for both the Technical Steps and Coding Process illustrated below.

***Implementing these APIs requires experienced programmers who are familiar with Internet and web site development tools and techniques. Before implementing either of these APIs, the Administrative Guide for Application Programming Interfaces must be read.***



\* The HTTP Connection DLL is optional. See the Administrative Guide for more details.

\*\* If you are producing your own labels or are editing the label image in any way, you must submit your labels for certification. See the "Create Your Own Labels" section.

\*\*\* System testing of any kind must not be performed using "live" requests. Use the "Sample" request procedure for system testing. See the "Create Your Own Labels" section for the procedure.

## User ID and Password Restrictions

The User ID and password that you have received are for you or your company to use in accordance with the Terms and Conditions of Use to which you agreed during the registration process. *This User ID and password are not to be shared with others outside your organization, nor are they to be packaged, distributed, or sold to any other person or entity.* Please refer to the Terms and Conditions of Use Agreement for additional restrictions on the use of your User ID and password, as well as this document and the APIs contained herein.

**Warning:** If the U.S. Postal Service discovers use of the same User ID and password from more than one web site, all users will be subject to immediate loss of access to the USPS server and termination of the licenses granted under the Terms and Conditions of Use.

The documentation and sample code contained in the *Web Tools User's Guide* series may be reused and/or distributed to your customers or affiliates to generate awareness, encourage web tool use, or provide ease of use. However, it is your responsibility to ensure that your customers do not use your password and User ID. Direct them to <http://www.usps.com/webtools/> so that they can register, agree to the Terms and Conditions of Use agreement, and receive their own unique password and User ID.

*Note to Software Distributors:* The User ID and password restrictions discussed above are intended for e-tailers that use the USPS Web Tools exclusively within their own web sites. If you plan to distribute software with the USPS Web Tools embedded, you must refer to the *Software Distributors Policy Guide*, available at <http://www.usps.com/webtools/>.

For more information regarding the USPS Web Tools password and User ID policy, or for questions regarding the distribution of documentation, send e-mail to [icustomer@usps.com](mailto:icustomer@usps.com).

## Customs Form PS 2976 (CN 22) Transaction Procedures

The illustration below shows the transactional flow of information to and from the USPS Customs Form CN 22 API server.

### Global Customs Form CN 22 API Server



#### INPUTS

(via XML Request from Customer to USPS)

Delivery Address Info  
From Address Info  
Package Contents Info  
Package Weight  
Form Image Type  
Reference Number

#### SERVER TASKS

Builds XML Response  
Generates Form  
Encodes Form

#### OUTPUTS

(via XML Response from USPS to Customer)

CN 22 Form  
Customs Barcode Number  
Restrictions & Prohibitions  
Shipping Regulations  
Total Value of Shipment

### Technical Steps

#### Step 1: Build the XML Request



If you are planning to use the labels exactly as they are returned without making any changes you do *not* need to submit sample labels. If, however, you intend to create your own labels or customize them *in any way* (such as adding your logo, etc.), you must first submit “Sample” requests as described in the *Creating Your Own Labels* section.

There are two types of requests that can be built and sent to the API server: “Sample” and “Live.” Although the requests are nearly identical, they have very different purposes:

- **“Sample” Requests:** These requests are used to certify your printer quality with the USPS. They must also be used by anyone who wants to perform system testing. If you are printing your own customized label, you must submit your labels in order for the USPS to certify that you generate a proper barcode and label. The *Creating Your Own Labels* section in the back of this guide contains detailed information about creating labels and submitting them for certification. Until you receive barcode approval, you will only be allowed limited access to the production server. **Failure to do so may result in loss of access to this API.** The ICCC will notify you when you have full production access. If you are planning to create your own labels (or perform any system testing), skip to the *Creating Your Own Labels* section **now** and return to this section when you are ready to send “live” data.
- **“Live” Requests:** Once you have received full production access, you will be able to create “live” labels from the production server. These labels must be entered into the mail – **it is**

**imperative that you not run testing for your printers or system using “live” requests.** All “live” production labels are expected to enter the mail stream.

**XML Tags and Values Allowed**

The table below presents both the *required* and *optional* XML input tags for generating both “Sample” and “Live” requests and the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The API will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent delivery.

**Required (in bold typeface) and Optional Customs Form CN 22 Tags**

<b>Input</b>	<b>XML Tag</b>	<b>Values Allowed</b>
"Sample" Request or "Live" Request	<CustomsCN22CertifyRequest ...  or <CustomsCN22Request ...	Input tag exactly as presented.
User ID	...USERID="userid"...	Use User ID provided with registration.
Password	...PASSWORD="password"> <Option>	Use password provided with registration. This tag is for future use. Do not enter any value.
First Name of Sender	<FromFirstName>	Minimally, values for <b>either</b> First and Last Name <b>or</b> Firm must be sent. However, all 3 fields can be sent for more precision. Maximum Length: 45 characters for <b>both</b> names <b>or</b> firm name.
Last Name of Sender	<FromLastName>	Minimally, values for <b>either</b> First and Last Name <b>or</b> Firm must be sent. However, all 3 fields can be sent for more precision. Maximum Length: 45 characters for <b>both</b> names <b>or</b> firm name.
Company Name	<FromFirm>	Minimally, values for <b>either</b> First and Last Name <b>or</b> Firm must be sent. However, all 3 fields can be sent for more precision. Maximum Length: 45 characters for <b>both</b> names <b>or</b> firm name.
From Address Line 1	<FromAddress1>	This value is optional. Use this tag for a suite or apartment number only. If none, leave blank. Maximum Length: 45
From Address Line 2	<FromAddress2>	<b>Required</b> data. Use this tag for the primary address line. Maximum Length: 45
From Urbanization	<FromUrbanization>	This tag is optional. Use this tag for Puerto Rico only. ZIP Code prefixes 006 to 009, if area is so designated.
From City	<FromCity>	<b>Required</b> data. Maximum Length: 22
From State	<FromState>	<b>Required</b> data. Use 2-letter USPS abbreviation.
From ZIP Code	<FromZip5>	Input tag exactly as presented, not all caps. <b>Required</b> data. 5 digits required.
From ZIP Code+4	<FromZip4>	Input tag exactly as presented, not all caps. This tag is required but the value (4 digits) is optional.
From Phone #	<FromPhone>	<b>Required</b> data. 10 digits required (including area code), with no punctuation. Use format: 2125551234
To Address Line 1	<ToAddress1>	Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 45
To Address Line 2	<ToAddress2>	Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 45
To Address	<ToAddress3>	Six address lines are provided, but only 1 is required.

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Line 3		Use as many as needed for complete address. Maximum Length: 45
To Address Line 4	<ToAddress4>	Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 45
To Address Line 5	<ToAddress5>	Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 45
To Address Line 6	<ToAddress6>	Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 45
To Country	<ToCountry>	The country name entered must match an entry from the USPS-approved list that can be found at <a href="http://pe.usps.gov/">http://pe.usps.gov/</a> . Click on the link for "International Country Listings." Using a country name not on the list will result in a request failure. Either a country name or an APO/FPO ZIP code value must be provided. Both values may not be provided. See <i>Military Mail – APO, FPO Addressing</i> section, below.
To APO/FPO ZIP Code	<ToAPOFPOZip5>	This tag is optional. Use this tag if the recipient address is an APO or FPO address. Either a country name or an APO/FPO ZIP code value must be provided. Both values may not be provided. See <i>Military Mail – APO, FPO Addressing</i> section, below.
Recipient Phone #	<ToPhone>	Value is optional. No format checking is done on international phone numbers.
Recipient Fax #	<ToFax>	Value is optional. No format checking is done on international fax numbers.
Recipient E-mail Address	<ToEmail>	Value is optional. <b>Complete</b> valid e-mail address is required if tag is used.
Description of Contents (no data)	<ShippingContents>	<b>Required</b> tag. Must contain a minimum of one and a maximum of 3 <ItemDetail> tags (see tag below). See the "Live" Request section below to understand how these tags are presented in the request.
Details of Item Shipped (no data)	<ItemDetail>	<b>Required</b> tag. Must contain exactly one each of <Description>, <Quantity>, <Value>, <NetPounds> and <NetOunces> tags for each <itemDetail> tag (see tags below). See the "Live" Request section below to understand how these tags are presented in the request.
Description of Contents	<Description>	<b>Required</b> data. Description of the item. Maximum Length: 26
Quantity of Contents	<Quantity>	<b>Required</b> data. Quantity of the item.
Value of Item	<Value>	<b>Required</b> data. The data entered with this tag provides the value of the set of items. If the item is 2 boxes of 50 pens and the value of each box is \$10.00, "20.00" (2 boxes x \$10.00) should be entered. If the value of each pen is .25 then "25.00" (100 pens x .25) should be entered.
Item Weight	<NetPounds>	<b>Required</b> data. The data entered with this tag provides the pounds component of the weight of the individual item.
Item Weight	<NetOunces>	<b>Required</b> data. The data entered with this tag provides the ounces component of the weight of the individual item.
Package Weight	<GrossPounds>	<b>Required</b> data. Enter the pounds with this tag. For example, a package weighing 3 lbs 8 ounces would have "3" entered here and "8" entered with the next tag. The API will check for maximum shipping weight of 70 pounds. Pounds and ounces together represent the total package weight, including packing material. Allowable weight may change based on service used to send package.
Package	<GrossOunces>	<b>Required</b> data. The API will check for maximum shipping

Weight		weight of 70 pounds. Enter the ounces with this tag.
Form Image Type	<ImageType>	<b>Required</b> data. Enter <b>one</b> of the valid entries if form is desired: "PDF" "TIF" "GIF" "None" if form is not desired.
Type of Contents	<ContentType>	<b>Required</b> data. Enter <b>one</b> of the valid entries: "Sample" "Gift" "Documents" "Other"
HS Tariff Number	<HSTariffNumber>	Value is optional. For commercial items only. If known, the HS tariff number (6-digit) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization.
Country of Origin	<CountryOfOrigin>	Value is optional. For commercial items only. Country of Origin means the country where the goods originated, e.g. were produced, manufactured, or assembled. It is recommended you supply this information and attach an invoice to the outside to accelerate Customs clearance in processing the items.
User-assigned Number for Internal Use	<CustomerRefNo>	This tag is for future use. Do not enter any value.

***Military Mail – APO, FPO Addressing***

Military addresses must show the grade, full name with middle name or initial, and PSC number, unit number, or ship name. Replace the city name with "APO " or "FPO," and the state with "AA," "AE," or "AP," and use a special ZIP Code.

Use the tags <ToAddress1>, <ToAddress2>, <ToAddress3>, <ToAddress4>, <ToAddress5>, <ToAddress6> for the recipient address. The values in the tag <ToCountry> will not be output to the label.

Enter the recipient APO/FPO ZIP code using tag <ToAPOFPOZip5>. For example:

<ToAPOFPOZip5>96612</ToAPOFPOZip5>

Use the tag <ToAddress6> to enter the entire APO/FPO city, state and ZIP code. For example:

<ToAddress6>FPO, AP 96612</ToAddress6>

Do not enter a value for the <ToCountry> tag.

***“Sample” Requests***

If you are planning on using the labels exactly as they are returned to you in your application, without making any changes (text, locations of objects, sizes, adding a logo, etc.) you do not need to submit sample labels and you can skip to the “Live” Requests section, below.

If, however, you are planning on editing the label returned by this Web Tool API in any way, creating your own label using only the barcode number from this API, **or conducting system testing**, you must refer to the *Create Your Own Label* section in the back of this guide. After

following the directions for submitting "Sample" labels and receiving certification from the ICCC, you can proceed with the instructions below in the "Live" Requests section.

If there are further questions or concerns over the process, please contact the ICCC at 1-800-344-7779 (7:00AM to 11:00PM EST). **Remember: never use the production server and "live" data to conduct testing. System testing may only be conducted using the <CustomsCN22CertifyRequest> tag.**

### "Live" Requests

Again, be sure that you are finished with all testing before requesting "live" labels from the production server, as all "live" production labels are expected to enter the mail stream. "Sample" requests *must* be used for all testing purposes.

Refer to the *XML Tags and Values Allowed* section, above, to build your "Live" request. When building the XML request, pay particular attention to the *order and case* for tags. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The API will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent delivery.

Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<FromZip5>12345</FromZip5>
```

In this instance, you will replace "12345" with the ZIP Code from which the package will be mailed.

The "Live" XML request should be in the following form and sequence. Required tags and data are in **bold** typeface and optional tags and data are in regular typeface. Remember that some required *tags* do not have required *data*.

**Developers:** For sample code utilizing Perl and ASP, refer to the Domestic Rates Calculator API and Track/Confirm API user's guides.

```
<CustomsCN22Request USERID="MyID" PASSWORD="MyPassword">
  <Option></Option>
  <FromFirstName>From First</FromFirstName>
  <FromLastName>From Last</FromLastName>
  <FromFirm>From Firm</FromFirm>
  <FromAddress1>From Address 1</FromAddress1>
  <FromAddress2>6406 Ivy Lane</FromAddress2>
  <FromUrbanization>Urbanization</FromUrbanization>
  <FromCity>Greenbelt</FromCity>
  <FromState>MD</FromState>
  <FromZip5>20770</FromZip5>
  <FromZip4>1234</FromZip4>
  <FromPhone>3019187658</FromPhone>
  <ToAddress1>To Address 1</ToAddress1>
  <ToAddress2>To Address 2</ToAddress2>
  <ToAddress3>To Address 3</ToAddress3>
```

```

<ToAddress4>To Address 4</ToAddress4>
<ToAddress5>To Address 5</ToAddress5>
<ToAddress6>To Address 6</ToAddress6>
<ToCountry>France</ToCountry>
<ToAPOFPOZip5></ToAPOFPOZip5>
<ToPhone>110984532054</ToPhone>
<ToFax>110984301292</ToFax>
<ToEmail>ToEmail@Company.com</ToEmail>
<ShippingContents>
  <ItemDetail>
    <Description>Description 1</Description>
    <Quantity>1</Quantity>
    <Value>1</Value>
    <NetPounds>5</NetPounds>
    <NetOunces>0</NetOunces>
  </ItemDetail>
  <ItemDetail>
    <Description>Descripton 2</Description>
    <Quantity>5</Quantity>
    <Value>17</Value>
    <NetPounds>2</NetPounds>
    <NetOunces>2</NetOunces>
  </ItemDetail>
</ShippingContents>
<GrossPounds>7</GrossPounds>
<GrossOunces>2</GrossOunces>
<ImageType>GIF</ImageType>
<ContentType>Gift</ContentType>
<HSTariffNumber></HSTariffNumber>
<CountryOfOrigin></CountryOfOrigin>
<CustomerRefNo></CustomerRefNo>
</CustomsCN22Request>

```

### Visual Basic Request

Using the Microsoft XML object model in Visual Basic, such a request can be built as shown below. In this code sample, the data needed to build the XML is obtained from a form. All fields are obtained from text box controls.

```

Dim RequestLevel As IXMLDOMElement
Dim DCElementLevel As IXMLDOMElement
Dim inetGet As New clsInetGet
Dim response As String
Dim t As Variant
Dim xmlDoc As New DOMDocument

'
' Create the XML Document and put the fields in from the form
'

Set RequestLevel = xmlDoc.createElement("CustomsCN22")

RequestLevel.setAttribute "USERID", userid.Text
RequestLevel.setAttribute "PASSWORD", password.Text

'Load CN 22 values into request.

```

```
Set DCElementLevel = xmlDoc.createElement("Option")
Set t = xmlDoc.createTextNode(txtOption.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromFirstName")
Set t = xmlDoc.createTextNode(FromFirstName.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromLastName")
Set t = xmlDoc.createTextNode(FromLastName.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromFirm")
Set t = xmlDoc.createTextNode(FromFirm.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromAddress1")
Set t = xmlDoc.createTextNode(FromAddress1.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromAddress2")
Set t = xmlDoc.createTextNode(FromAddress2.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromUrbanization")
Set t = xmlDoc.createTextNode(FromUrbanization.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromCity")
Set t = xmlDoc.createTextNode(FromCity.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromState")
Set t = xmlDoc.createTextNode(FromState.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromZip5")
Set t = xmlDoc.createTextNode(FromZip5.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromZip4")
Set t = xmlDoc.createTextNode(FromZip4.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromPhone")
Set t = xmlDoc.createTextNode(FromPhone.Text)
```

```
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress1")
Set t = xmlDoc.createTextNode(ToAddress1.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress2")
Set t = xmlDoc.createTextNode(ToAddress2.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress3")
Set t = xmlDoc.createTextNode(ToAddress3.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress4")
Set t = xmlDoc.createTextNode(ToAddress4.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress5")
Set t = xmlDoc.createTextNode(ToAddress5.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress6")
Set t = xmlDoc.createTextNode(ToAddress6.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToCountry")
Set t = xmlDoc.createTextNode(ToCountry.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAPOFPOZip5")
Set t = xmlDoc.createTextNode(ToAPOFPOZip5.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToPhone")
Set t = xmlDoc.createTextNode(ToPhone.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToFax")
Set t = xmlDoc.createTextNode(ToFax.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToEmail")
Set t = xmlDoc.createTextNode(ToEmail.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
'
' Load the customs contents... For this example only one
' item is loaded from the form
'
Set ContentsLevel = xmlDoc.createElement("ShippingContents")

Set ItemDetailLevel = xmlDoc.createElement("ItemDetail")

Set ItemDetailElementLevel = xmlDoc.createElement("Description")
Set t = xmlDoc.createTextNode(Description.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("Quantity")
Set t = xmlDoc.createTextNode(Quantity.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("Value")
Set t = xmlDoc.createTextNode(Value.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("NetPounds")
Set t = xmlDoc.createTextNode(NetPounds.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("NetOunces")
Set t = xmlDoc.createTextNode(NetOunces.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Call ContentsLevel.appendChild(ItemDetailLevel)

Call RequestLevel.appendChild(ContentsLevel)
'
'Now that the customs contents are loaded load the rest
'
Set DCElementLevel = xmlDoc.createElement("GrossPounds")
Set t = xmlDoc.createTextNode(GrossPounds.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("GrossOunces")
Set t = xmlDoc.createTextNode(GrossOunces.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ImageType")
Set t = xmlDoc.createTextNode(ImageType.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

' The "ContentType" tag and the value are required.
' The value can be either "SAMPLE", "GIFT", "DOCUMENTS" or "OTHER".
```

```
Set DCElementLevel = xmlDoc.createElement("ContentType")
Set t = xmlDoc.createTextNode(ContentType.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("HSTariffNumber")
Set t = xmlDoc.createTextNode(HSTariffNumber.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("CountryOfOrigin")
Set t = xmlDoc.createTextNode(CountryOfOrigin.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("CustomerRefNo")
Set t = xmlDoc.createTextNode(CustomerRefNo.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

' Close the document and set all the objects to nothing

Call xmlDoc.appendChild(RequestLevel)
Set ContentsElementLevel = Nothing
Set ContentsLevel = Nothing
Set RequestLevel = Nothing
Set DCElementLevel = Nothing
Set ContentsLevel = Nothing
```

## Steps 2 & 3: Make the Internet Connection and Send the XML Request

These two steps are presented together to simplify things. The two steps actually involve four separate functions:

1. making the connection to the API server (test server or production server)
2. sending the request (whether Visual Basic, Perl, ASP, or any other language)
3. receiving the response from the API server
4. closing the Internet connection

These steps are identical for sending “*Sample*” or “*Live*” requests. ***Remember, however, that you are provided with a different server name to send “live” requests.***

This section describes two ways to make the Internet connection. This is not an all-inclusive list. It simply represents the most common and easiest ways to make the Internet connection.

- Using the USPS-supplied HTTP Connection DLL

*The HTTP Connection DLL is recommended for NT systems.* This software, created specifically for the USPS API implementation, provides e-tailers with a thread-safe sockets interface to submit XML requests and receive XML responses from the API server.

- Using Microsoft's WinInet

Although you can use the WinInet DLL to make the connection to the API server, it is not recommended for server applications due to limitations in the DLL. It is recommended that you either use the USPS-supplied HTTP Connection DLL or write your own sockets interface that can be used to make multiple connections and will remain thread-safe.

### **Using HTTP Connection DLL**

To obtain this code you must submit a Licensing Agreement. See the *Administrative Guide for APIs* for the agreement.

### **Using WinInet**

This sample code shows how to use Microsoft's WinInet DLL to make the Internet connection, using either the "GET" or "POST" (necessary for requests over 2K in size) methods. XMLSTRING represents the URL-encoded XML request and SERVERNAME indicates the name of the USPS web site to which you are connecting. The two lines of code presented in boldface below must be changed depending on which step you are completing.

**Note:** There are no canned tests for this API.

For "Sample" test requests the code should read:

```
File = "/ShippingAPI.dll?"  
xml = "API=CustomsCN22Certify&XML=" & XMLSTRING
```

For "Live" requests the code should read:

```
File = "/ShippingAPI.dll?"  
xml = "API=CustomsCN22&XML=" & XMLSTRING
```

#### **Input:**

```
Dim File As String  
Dim xml As String  
Dim sHeader As String  
Dim htmlFile As String  
Dim tmp As String * 2048  
Dim bDoLoop As Boolean  
  
SERVERNAME = "????????????"  
File = "/ShippingAPI.dll?"  
xml = "API=CustomsCN22&XML=" & xmlDoc.xml  
  
'  
' Open a connection to the server and send the request using either a get or a  
' post  
' This example uses Wininet.dll  
'  
  
hOpen = InternetOpen("", 1, vbNullString, vbNullString, 0)  
hConnection = InternetConnect(hOpen, SERVERNAME, 0, _  
"", "", 3, 0, 0)  
  
'Get
```

```
'File = File & xml
'hFile = HttpOpenRequest(hConnection, "GET", File, "HTTP/1.0", vbNullString,
0, 0, 0)

'Post
hFile = HttpOpenRequest(hConnection, "POST", File, "HTTP/1.0", vbNullString,
0, 0, 0)

sHeader = "Content-Type: application/x-www-form-urlencoded" & vbCrLf
Call HttpAddRequestHeaders(hFile, sHeader, Len(sHeader), 0)
bDoLoop = HttpSendRequest(hFile, vbNullString, 0, xml, Len(xml))
'
' Get the answer from the server

bDoLoop = True
While bDoLoop
    tmp = vbNullString
    bDoLoop = InternetReadFile(hFile, tmp, Len(tmp), numread)
    If Not bDoLoop Then
        Exit Sub
    Else
        htmlFile = htmlFile & Left$(tmp, numread)
        If Not CBool(numread) Then bDoLoop = False
    End If
Wend
If hFile <> 0 Then InternetCloseHandle (hFile)
If hConnection <> 0 Then InternetCloseHandle (hConnection)
If hOpen <> 0 Then InternetCloseHandle (hOpen)

xmlstr = htmlFile

'Call the routine to parse the document
Call parsedoc(xmlstr)
```

#### Step 4: Unpack the XML Response

This step is identical for unpacking “*Sample*” or “*Live*” responses.

#### **Types of Responses**

When the USPS Shipping API returns a response, it will either return a successful response document or an error document. Anytime you receive a response, you should check to see if the document is <Error>. Refer to the *Errors* section.

#### **Using Visual Basic**

Using the Microsoft XML object model in Visual Basic, such responses can be unpacked as follows:

```
Sub parsedoc(ByVal xmlstr As String)

Dim oChild As IXMLDOMNode
```

```
Dim nodeList As IXMLDOMNodeList
Dim i As Integer
Dim CustomsBarcodeNumber As String
Dim Regulations As String
Dim CustomsForm As String
Dim CustomsFormImage As String
Dim CustomsFormInstructionsImage As String
Dim Observations As String
Dim Restrictions As String
Dim Prohibitions As String
Dim TotalValue As String
Dim xmlDoc As New DOMDocument

xmlDoc.validateOnParse = False
xmlDoc.loadXML (xmlstr) 'Response

'
' See if there was an error
'

Set nodeList = xmlDoc.getElementsByTagName("Error")
If nodeList.length > 0 Then 'Top-level Error
Set n = nodeList.Item(0)
For i = 0 To n.childNodes.length - 1
    Set e = n.childNodes.Item(i)
    Select Case e.nodeName
        Case "Source"
        Case "Number"
        Case "Description"
        Case "HelpFile"
        Case "HelpContext"
    End Select
Next i
Else 'no Top-level Error
    'Get the list of nodes.
    Set nodeList = xmlDoc.getElementsByTagName("CustomsCN22Response")
    For i = 0 To nodeList.length - 1
        Set oChild = nodeList.Item(i)
        Set oChild = oChild.firstChild
        While Not oChild Is Nothing

            Select Case oChild.nodeName
                '
                'Put the node contents in to string variables
                '

            Case "TotalValue"
                If oChild.hasChildNodes Then
                    TotalValue = oChild.firstChild.nodeValue
                End If
            Case "CustomsBarcodeNumber"
                If oChild.hasChildNodes Then
                    CustomsBarcodeNumber = oChild.firstChild.nodeValue
                Else
                    Err.Raise "Missing CN22 Customs Barcode Number"
                End If
            Case "CN22 FormImage"
```

```
        If oChild.hasChildNodes Then
            CustomsFormImage = oChild.firstChild.nodeValue
        Else
            Err.Raise "Missing CN22 Image"
        End If
    Case "CN22 InstructionsImage"
        If oChild.hasChildNodes Then
            CustomsFormInstructionsImage = oChild.firstChild.nodeValue
        Else
            Err.Raise "Missing CN22 Image"
        End If
    Case "Prohibitions"
        If oChild.hasChildNodes Then
            Prohibitions = oChild.firstChild.nodeValue
        End If
    Case "Restrictions"
        If oChild.hasChildNodes Then
            Restrictions = oChild.firstChild.nodeValue
        End If
    Case "Observations"
        If oChild.hasChildNodes Then
            Observations = oChild.firstChild.nodeValue
        End If
    Case "CustomsForms"
        If oChild.hasChildNodes Then
            CustomsForm = oChild.firstChild.nodeValue
        End If
    Case "Regulations"
        If oChild.hasChildNodes Then
            Regulations = oChild.firstChild.nodeValue
        End If

    End Select
    Set oChild = oChild.nextSibling
Wend
Next i
End If
Set xmlDoc = Nothing

' The variables for the images now contain Base64 encoded data.
' The contents must now be decoded and written to a file with the
' proper extension for an on disk images to be created.

End Sub
```

### **Base64 Decoding in VBScript in an ASP**

```
<%@ Language=VBScript %>
<%
Dim dcOutput()
sBase = "ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/"
StreamLength = len(CustomsForm)

'-----
'Strip cr/lf
dcCopylen = 0
```

```
dcCopy = ""
For j = 1 To StreamLength
    If ((Mid(CustomsForm, j, 1) <> vbCr) And      Mid(CustomsForm, j, 1) <>
vbLf)) Then
        dcCopy = dcCopy & Mid(CustomsForm, j, 1)
        dcCopylen = dcCopylen + 1
    End If
Next
'-----
'-----
'Decode bulk of string
dcOutputlen = 0
ReDim dcOutput((dcCopylen * 3) / 4)
    For j = 1 To dcCopylen - 4 Step 4
        'map "A"-"/" to 0-63
        a = InStr(1, sBase, Mid(dcCopy, j, 1), vbBinaryCompare) - 1
        b = InStr(1, sBase, Mid(dcCopy, j + 1, 1), vbBinaryCompare) - 1
        c = InStr(1, sBase, Mid(dcCopy, j + 2, 1), vbBinaryCompare) - 1
        d = InStr(1, sBase, Mid(dcCopy, j + 3, 1), vbBinaryCompare) - 1
        'decode 0-63 to 0-255
        dcOutput(dcOutputlen) = (a * 4) Or ((b And 48) / 16)
        dcOutput(dcOutputlen + 1) = ((b And 15) * 16) Or ((c And 60) / 4)
        dcOutput(dcOutputlen + 2) = ((c And 3) * 64) Or (d And 63)

        dcOutputlen = dcOutputlen + 3
    Next
'-----
'-----
'Decode last 1-3 characters
a = InStr(1, sBase, Mid(dcCopy, j, 1), vbBinaryCompare) - 1
b = InStr(1, sBase, Mid(dcCopy, j + 1, 1), vbBinaryCompare) - 1
dcOutput(dcOutputlen) = (a * 4) Or ((b And 48) / 16)
If j + 2 <= dcCopylen Then
    c = InStr(1, sBase, Mid(dcCopy, j + 2, 1), vbBinaryCompare) - 1
    dcOutput(dcOutputlen + 1) = ((b And 15) * 16) Or ((c And 60) / 4)
    dcOutputlen = dcOutputlen + 1
End If
If j + 3 <= dcCopylen Then
    d = InStr(1, sBase, Mid(dcCopy, j + 3, 1), vbBinaryCompare) - 1
    dcOutput(dcOutputlen + 2) = ((c And 3) * 64) Or (d And 63)
    dcOutputlen = dcOutputlen + 1
End If

Response.ContentType = "Application/PDF"
for j = 0 to dcOutputlen - 1
    response.binarywrite chrB(dcOutput(j))
next
%>
```

## Errors

Error conditions are handled at the main XML document level. For APIs that can handle multiple transactions, the error conditions for requests for multiple responses to be returned together are handled at the response level. For example: an API developer sends a request for

rates for two packages. If the addresses are non-existent, an “Error document” is returned to the user. On the other hand, if the address for the first package is acceptable but not the second, the response document contains the information for the first address, but under the XML tag for the second address there is an error tag. When parsing, it is best to check for an error document first, before checking for good data.

Error documents follow the Visual Basic error standards and have the following format:

```
<Error>
    <Number></Number>
    <Source></Source>
    <Description></Description>
    <HelpFile></HelpFile>
    <HelpContext></HelpContext>
</Error>
```

where:

- Number = the error number generated by the API server
- Source = the component and interface that generated the error on the API server
- Description = the error description
- HelpFile = [reserved for future use]
- HelpContext = [reserved for future use]

Errors that are further down in the hierarchy also follow the above format.

## Output

After following Technical Step 4 and unpacking the XML response, you will have the output from your request. This section describes the different outputs resulting from “Sample” and “Live” requests. Both types of requests result in an XML response with the following tags:

<b>Output</b>	<b>XML Tag</b>
“Sample” Response	<CustomsCN22CertifyResponse>
“Live” Response	<CustomsCN22Response>
Value of all items being shipped	<TotalValue>
Barcode number required by Customs Service	<CustomsBarcodeNumber>
Encoded image of Customs Form CN 22	<CN22FormImage>
Encoded image of Customs Form CN 22 instructions	<CN22InstructionsImage>
List of items prohibited from mailing based on country of destination	<Prohibitions>
Restrictions on items being shipped based on country of destination	<Restrictions>
Additional mailing information based on country of destination	<Observations>
Customs forms required to mail to destination country	<CustomsForms>
Additional regulations for shipping to destination country	<Regulations>

### **“Sample” and “Live” Responses**

#### *XML Output*

```
<?xml version="1.0"?>
<CustomsCN22Response>
```

```
<TotalValue>18.00</TotalValue>
<CustomsBarcodeNumber>LC614990301US</CustomsBarcodeNumber>
<CN22FormImage> Encoded IMAGE DATA.....
</CN22FormImage>
<CN22InstructionsImage> Encoded IMAGE DATA.....
</CN22InstructionsImage>
<Prohibitions>
  Arms, ammunition.
  Cigarette lighters using butane gas.
  Feeding bottles.
  Funeral urns.
  Goods bearing false marks of French manufacture or origin.
  Imitation pearls containing lead salts and any articles of
  jewelry made with pearls of this type.
  Measuring instruments marked in units not complying with French
  law.
  Perishable infectious biological substances except as noted in
  Restrictions below.
  Perishable noninfectious biological substances except as noted
  under Restriction below.
  Radioactive materials.
  Saccharine in tablets or packets.
  Live plants and animals.
  Arms and weapons.
  Human remains
</Prohibitions>
<Restrictions>
  Bees, honey, and beeswax must be accompanied by a certificate of
  origin and noninfection issued by a qualified official approved
  by the Government. Shipments of honey not exceeding 2 kilograms
  do not require the certificate.
  Books in the French language printed abroad must have the names
  of the publisher and printer shown as prescribed by the French
  copyright laws.
  Canned vegetables, fish, plums, and nuts not bearing an
  indication of the country of origin by stamping, in plain raised
  or sunken letters at least 4 millimeters high, in the middle of
  the top or bottom and in a place not bearing any inscription.
  Gold coins or other articles of gold require that the addressee
  have a permit issued by the Bank of France (not required for
  gold-plated articles or for ornaments or jewelry containing only
  small amounts of gold and weighing 500 grams or less).
  Medicines and medicinal products require an import license issued
  by the Central Pharmaceutical Service of the Ministry of Health.
  Perishable biological substances, infectious and noninfectious,
  are admitted when addressed to the following laboratories:
    1. Pasteur Institute
      25 rue du docteur Roux
      75724 Paris CEDEX 14
      FRANCE
    2. Pasteur Institute
      1 rue du Professeur Calmette
      59019 Lille CEDEX BB 245
      FRANCE
    3. Pasteur Institute
      77 rue Pasteur
      69365 Lyon CEDEX
```

FRANCE

Plants, seeds, bulbs must be accompanied by plant health certificate.

The importation of tobacco leaves and stems, manufactured tobaccos, cigars, cigarettes, chewing and smoking tobacco is permitted only on behalf of the State Monopoly, with the following exception: Manufactured tobaccos, including cigars and cigarettes, may be sent to individuals in France for personal use up to 10 kilograms (22 pounds) per person per year, subject to special customs authorization

</Restrictions>

<Observations>

1. Air parcel post must have a street address. Delivery cannot be made to post office boxes. A local telephone number for the addressee should be provided.

2. For air parcels, an invoice, in duplicate, is required for all commercial shipments regardless of value and for all personal shipments valued at \$300 or more. The invoices must be affixed to the outside of the parcel or may be enclosed in PS Form 2976-E with the customs declaration.

3. It is recommended that all articles bear, as part of the address, the name of the Province in which the office of destination is located.

4. Printed matter of value should have Form 2976 affixed, and it can be cleared more readily through French customs if an invoice is enclosed.

5. Parcel post packages whose senders or addressees are designated by initials will not be admitted.

6. Shipments must not be fastened by means of wire, but straps not having sharp edges may be used, provided they are tightly fastened so that no sharp ends or corners are exposed.

</Observations>

<CustomsForms>

Letter-post: PS Form 2976 or 2976-A (see 123.61)

Parcel Post: PS Form 2976-A inside 2976-E (envelope)

</CustomsForms>

<Regulations>

Country Code:

FR

Reciprocal Service Name:

There is no reciprocal service.

Required Customs Form/Endorsement

1. Business correspondence, commercial papers and documents.

PS Form 2976, Customs - CN 22 (Old C 1) and Sender's Declaration (green label).

2. Merchandise samples, gifts, computer data including computer cards, magnetic tape, microfilm, and microfiche.

PS Form 2976-A, Customs Declaration and Dispatch Note CP 72, inside a PS Form 2976-E, Customs Declaration Envelope CP 91.

3. Merchandise and all articles subject to customs duty. PS Form 2976-A, Customs Declaration and Dispatch Note CP 72, inside a PS Form 2976-E, Customs Declaration Envelope CP 91. A commercial invoice must be attached to the outside of all commercial shipments.

Notes:

1. Indicate precise description of documents, gifts, merchandise samples, and merchandise.
2. For personal gifts, merchandise samples, and merchandise, indicate the value of the contents expressed in U.S. dollars or French francs.
3. Label gift packages clearly as GIFT or CADEAU and merchandise samples as SAMPLES.
4. Coins; banknotes; currency notes (paper money); securities of any kind payable to bearer; traveler's checks; platinum, gold, and silver (manufactured or not); precious stones; jewelry; and other valuable articles are prohibited in EMS shipments to France (including Corsica and Monaco).
5. Express Mail shipments must have a street address. Post office box addresses should not be used. A local telephone number for addressee should be provided if possible.
6. Arms, weapons, and human remains are prohibited.
7. An invoice, in duplicate, is required for all commercial shipments regardless of value and for all personal shipments valued at \$300 or more. The invoices must be affixed to the outside of the parcel or may be enclosed in PS Form 2976-E with the customs declaration.

Areas Served:

All locations in France, Corsica, and Monaco are served.

</Regulations>  
</CustomsCN22Response>

**Form Output**

The image returned is Base64-encoded in PDF, TIF, or GIF format and must be decoded before use. For additional information on Base64-encoding and decoding, consult the following URLs: <http://www.ietf.org/rfc/rfc1421.txt> (Section 4.3.2.4) and <http://www.ietf.org/rfc/rfc2045.txt> (Section 6.8).

After decoding the "Sample" form should look like:



LC 614 990 301 US

LC 614 990 301 US

---

United States Postal Service®  
**Customs Declaration**  
 May be opened officially. See Instructions on Reverse.  
 Do not duplicate without USPS approval.

Cut  Gift  Commercial sample  Documents  Other

Quantity and detailed description of contents (1)	Weight (2) lb. oz.	Value (3) (US \$)
1 Policy guidelines document	1 5	\$55.00
500 Corporate Letterhead	2	\$37.00
<b>Total Weight (6)</b>		<b>Total Value (7) (US \$)</b>
4		\$92.00

*For commercial items only*  
 If known, HS tariff number (4) and country of origin of goods (5)

I, the undersigned, whose name and address are given on the item, certify that the particulars given in this declaration are correct and that this item does not contain any dangerous article or articles prohibited by legislation or by postal or customs regulations.

Date and sender's signature (8)

**Customs Declaration CN 22 – Sender's Declaration**  
 I, the undersigned, whose name and address are given on the item, certify that the particulars given in this declaration are correct and that this item does not contain any dangerous article or articles prohibited by legislation or by postal or customs regulations.  
 This copy will be retained at the post office for 30 days.

Sender's Name & Address  
 JOHN DOE  
 10 ELM STREET  
 ANYTOWN ST 012 14578  
 USA

Addressee's Name & Address  
 MRS. C. P. APPLE  
 APARTADO 3068  
 46807 PUERTO VALLARTA JALISCO  
 MEXICO

Date and sender's signature

---

PS Form 2976, January 2004

**Letter-Post**

Detached from PS Form 2976, January 2004

**Post Office Copy**

After decoding the "Sample" instructions should look like:

**Instructions** CN 22

If you do not wish to list the contents on the wrapper or in any case if the value of the contents is \$400 or over, affix only the upper portion of this label (cut on dotted line and discard lower portion) and complete a PS Form 2976-A, *Customs Declaration and Dispatch Note*. Enclose the completed PS Form 2976-A inside the item. **You must** give the sender's full name and address on the item.

Commercial item means any goods exported/imported in the course of a business transaction, whether or not they are sold for money or exchanged.

(1) Give a detailed description, in English, quantity and unit of measurement for each article, e.g. 2 men's cotton shirts, especially for articles subject to quarantine (plant, animal, food products, etc.).

(2), (3), (6) and (7) Give the weight (in lb./oz) and value of each article (in US \$) and the total weight and value of the item.

(4) and (5) For commercial items only. If known, HS tariff number (6-digit) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. Country of Origin means the country where the goods originated, e.g. were produced, manufactured or assembled. It is recommended you supply this information and attach an invoice to the outside to accelerate Customs clearance in processing the items.

(8) Your signature and the date confirm your liability for the item.

Detached from PS Form 2976, January 2004 (Reverse) Do not duplicate without USPS approval

(The images above are not to scale.)

After decoding the "Live" form should look like:

 LC 610 001 466 US		LC 610 001 466 US	
United States Postal Service® <b>Customs Declaration</b> May be opened officially. See Instructions on Reverse. Do not duplicate without USPS approval.		<b>CN 22</b> <b>Customs Declaration CN 22 – Sender's Declaration</b> I, the undersigned, whose name and address are given on the item, certify that the particulars given in this declaration are correct and that this item does not contain any dangerous article or articles prohibited by legislation or by postal or customs regulations. This copy will be retained at the post office for 30 days.	
Cut <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents		Sender's Name & Address JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA	
Quantity and detailed description of contents (1)	Weight (2) lb. oz.	Value (3) (US \$)	Addressee's Name & Address MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO
1 Policy guidelines document 500 Corporate Letterhead	1 5 2	\$55.00 \$37.00	
For commercial items only If known, HS tariff number (4) and country of origin of goods (5)	Total Weight (6)	Total Value (7) (US \$)	
	4 0	\$92.00	
I, the undersigned, whose name and address are given on the item, certify that the particulars given in this declaration are correct and that this item does not contain any dangerous article or articles prohibited by legislation or by postal or customs regulations.		Date and sender's signature (8)	
Date and sender's signature (8)		Date and sender's signature	
PS Form 2976, January 2004		<b>Letter-Post</b>	
		Detached from PS Form 2976, January 2004	
		<b>Post Office Copy</b>	



After decoding the "Live" instructions should look like:

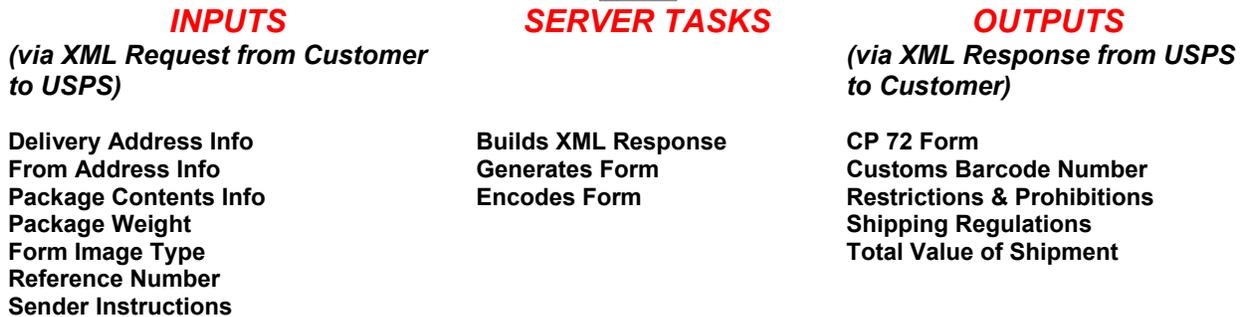
<b>Instructions</b>	<b>CN 22</b>
If you do not wish to list the contents on the wrapper or in any case if the value of the contents is \$400 or over, affix only the upper portion of this label (cut on dotted line and discard lower portion) and complete a PS Form 2976-A, <i>Customs Declaration and Dispatch Note</i> . Enclose the completed PS Form 2976-A inside the item. You <b>must</b> give the sender's full name and address on the item. Commercial item means any goods exported/imported in the course of a business transaction, whether or not they are sold for money or exchanged. (1) Give a detailed description, in English, quantity and unit of measurement for each article, e.g. 2 men's cotton shirts, especially for articles subject to quarantine (plant, animal, food products, etc.). (2), (3), (6) and (7) Give the weight (in lb./oz) and value of each article (in US \$) and the total weight and value of the item. (4) and (5) For commercial items only. If known, HS tariff number (6-digit) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. Country of Origin means the country where the goods originated, e.g. were produced, manufactured or assembled. It is recommended you supply this information and attach an invoice to the outside to accelerate Customs clearance in processing the items. (8) Your signature and the date confirm your liability for the item.	
Detached from PS Form 2976, January 2004 (Reverse) Do not duplicate without USPS approval	

(The images above are not to scale.)

## Customs Form PS 2976-A (CP 72) Transaction Procedures

The illustration below shows the transactional flow of information to and from the USPS Customs Form CP 72 API server.

### Global Customs Form CP 72 API Server



### Technical Steps

#### Step 1: Build the XML Request



If you are planning to use the labels exactly as they are returned without making any changes you do **not** need to submit sample labels. If, however, you intend to create your own labels or customize them **in any way** (such as adding your logo, etc.), you must first submit “Sample” requests as described in the *Creating Your Own Labels* section.

There are two types of requests that can be built and sent to the API server: “Sample” and “Live.” Although the requests are nearly identical, they have very different purposes:

- “Sample” Requests:** These requests are used to certify your printer quality with the USPS. They must also be used by anyone who wants to perform system testing. If you are printing your own customized label, you must submit your labels in order for the USPS to certify that you generate a proper barcode and label. The *Creating Your Own Labels* section in the back of this guide contains detailed information about creating labels and submitting them for certification. Until you receive barcode approval, you will only be allowed limited access to the production server. **Failure to do so may result in loss of access to this API.** The ICCC will notify you when you have full production access. If you are planning to create your own labels (or perform any system testing), skip to the *Creating Your Own Labels* section **now** and return to this section when you are ready to send “live” data.
- “Live” Requests:** Once you have received full production access, you will be able to create “live” labels from the production server. These labels must be entered into the mail – **it is**

imperative that you not run testing for your printers or system using “live” requests. All “live” production labels are expected to enter the mail stream.

**XML Tags and Values Allowed**

The table below presents both the *required* and *optional* XML input tags for generating both “Sample” and “Live” requests and the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. *The API will simply pass in the characters up to the maximum amount allowed and disregard the rest.* This is important since the resulting value could prevent delivery.

**Required (in bold typeface) and Optional Customs Form CP 72 Tags**

Input	XML Tag	Values Allowed
"Sample" Request or "Live" Request	<CustomsCP72V2CertifyRequest ...  or <CustomsCP72V2Request ...	Input tag exactly as presented.
User ID	...USERID="userid"...	Use User ID provided with registration.
Password	...PASSWORD="password">	Use password provided with registration.
Option	<Option>	This tag is future use. Do not enter any value.
First Name of Sender	<FromFirstName>	Minimally, values for <b>either</b> First and Last Name <b>or</b> Firm must be sent. However, all 3 fields can be sent for more precision. Maximum Length: 36 characters for <b>both</b> names <b>or</b> firm name.
Last Name of Sender	<FromLastName>	Minimally, values for <b>either</b> First and Last Name <b>or</b> Firm must be sent. However, all 3 fields can be sent for more precision. Maximum Length: 36 characters for <b>both</b> names <b>or</b> firm name.
Company Name	<FromFirm>	Minimally, values for <b>either</b> First and Last Name <b>or</b> Firm must be sent. However, all 3 fields can be sent for more precision. Maximum Length: 36 characters for <b>both</b> names <b>or</b> firm name.
From Address Line 1	<FromAddress1>	This value is optional. Use this tag for a suite or apartment number only. If none, leave blank. Maximum Length: 36
From Address Line 2	<FromAddress2>	<b>Required</b> data. Use this tag for the primary address line. Maximum Length: 36
From Urbanization	<FromUrbanization>	This tag is optional. Use this tag for Puerto Rico only. ZIP Code prefixes 006 to 009, if area is so designated. Maximum Length: 36
From City	<FromCity>	<b>Required</b> data. Maximum Length: 18
From State	<FromState>	<b>Required</b> data. Use 2-letter USPS abbreviation
From ZIP Code	<FromZip5>	Input tag exactly as presented, not all caps. <b>Required</b> data. 5 digits required.
From ZIP Code+4	<FromZip4>	Input tag exactly as presented, not all caps. This tag is required but the value (4 digits) is optional.
From Phone #	<FromPhone>	<b>Required</b> data. 10 digits required (including area code), with no punctuation. Use format: 2125551234
From Customs Reference	<FromCustomsReference>	This value is optional. Use this tag to enter a value for the “Sender’s Customs Reference” field that will appear on the form. Maximum Length: 10
To Address Line 1	<ToAddress1>	Four address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 36

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To Address Line 2	<ToAddress2>	Four address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 36
To Address Line 3	<ToAddress3>	Four address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 36
To Address Line 4	<ToAddress4>	Four address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 36
To Postal Code	<ToPostalCode>	Value is optional. Postal code for the recipient. Maximum Length: 26
To City	<ToCity>	Value is optional. Recipient's city. Maximum Length: 26
To Country	<ToCountry>	The country name entered must match an entry from the USPS-approved list that can be found at <a href="http://pe.usps.gov/">http://pe.usps.gov/</a> . Click on the link for "International Country Listings." Using a country name not on the list will result in a request failure. Either a country name or an APO/FPO ZIP code value must be provided. Both values may not be provided. See <i>Military Mail – APO, FPO Addressing</i> section, below.
To APO/FPO ZIP Code	<ToAPOFPOzip5>	This tag is optional. Use this tag if the recipient address is an APO or FPO address. Either a country name or an APO/FPO ZIP code value must be provided. Both values may not be provided. See <i>Military Mail – APO, FPO Addressing</i> section, below.
Recipient Phone #	<ToPhone>	Value is optional. No format checking is done on international phone numbers. Maximum Length: 36
Recipient Fax #	<ToFax>	Value is optional. No format checking is done on international fax numbers. Maximum Length: 36
Recipient E-mail Address	<ToEmail>	Value is optional. <b>Complete</b> valid e-mail address is required if tag is used. Maximum Length: 36
Importer's Reference	<ToReference>	Value is optional. Maximum Length: 36
Request Alternate Return Address	<NonDeliveryOption>	<b>Required data.</b> In case package is undeliverable, enter one of following: "RETURN" for package to be returned to <FromAddress> above "REDIRECT" to return package to address specified below in <AltReturn...> tags "ABANDON" to dispose of undeliverable package
Alternate Return Address Line 1	<AltReturnAddress1>	Valid only with the REDIRECT option. Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 26
Alternate Return Address Line 2	<AltReturnAddress2>	Valid only with the REDIRECT option. Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 26
Alternate Return Address Line 3	<AltReturnAddress3>	Valid only with the REDIRECT option. Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 26
Alternate Return Address Line 4	<AltReturnAddress4>	Valid only with the REDIRECT option. Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 26
Alternate Return Address Line 5	<AltReturnAddress5>	Valid only with the REDIRECT option. Six address lines are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 26
Alternate	<AltReturnAddress6>	Valid only with the REDIRECT option. Six address lines

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Return Address Line 6		are provided, but only 1 is required. Use as many as needed for complete address. Maximum Length: 26
Alternate Return Address Country	<AltReturnCountry>	Valid only with the REDIRECT option. Maximum Length: 26
Description of Contents (no data)	<ShippingContents>	<b>Required</b> tag. Must contain a minimum of one and a maximum of 5 <ItemDetail> (see tag below). See the "Live" Request section below to understand how these tags are presented in the request.
Details of Item Shipped (no data)	<ItemDetail>	<b>Required</b> tag. Must contain exactly one each of <Description>, <Quantity>, <Value>, <NetPounds>, and <NetOunces> (see tags below). See the "Live" Request section below to understand how these tags are presented in the request.
Description of Contents	<Description>	<b>Required</b> data. Description of the item. Maximum Length: 45
Quantity of item included in shipment	<Quantity>	<b>Required</b> data. Quantity of the item.
Value of Item	<Value>	<b>Required</b> data. The data entered with this tag provides the value of the set of items. If the item is 2 boxes of 50 pens and the value of each box is \$10.00, "20.00" (2 boxes x \$10.00) should be entered. If the value of each pen is .25 then "25.00" (100 pens x .25) should be entered. Maximum Value: 99999.99
Package Weight	<NetPounds>	Value is optional. Enter the pounds for the item with this tag. For example, an item weighing 3 lbs 8 ounces would have "3" entered here and "8" entered with the next tag. The combined weight of this tag and the next for each package must be greater than 0.
Package Weight	<NetOunces>	Value is optional. Weight in ounces of the item. The combined weight of this tag and the previous for each package must be greater than 0.
HS Tariff Number	<HSTariffNumber>	Value is optional. Six digit Harmonized Commodity Description and Coding System for use by commercial shippers.
Country of Origin	<CountryOfOrigin>	Value is optional. For the item being shipped, enter Country that produced the goods. For use by commercial shippers.
Insurance Number	<InsuredNumber>	Optional tag. Use this tag for entering an insurance number, if known. Maximum Length: 26
Insurance Amount	<InsuredAmount>	Optional tag. Use this tag for entering an insurance amount, if known. Maximum Value: 99999.99
SDR Insured Value	<SDRInsuredValue>	Optional tag. Use this tag for entering an insurance number, if known. Maximum Value: 99999.99
Postage	<Postage>	Optional tag. Use this tag for entering a postage amount, if known. Maximum Value: 9999.99
Package Weight	<GrossPounds>	<b>Required</b> data. The API will check for maximum shipping weight of 70 pounds. Gross pounds and ounces together represent the total weight of the package. This includes ALL items entered under <ItemDetail>, and ALL packing material.
Package Weight	<GrossOunces>	<b>Required</b> data. The API will check for maximum shipping weight allowed for the destination country. Enter the ounces with this tag.
Delivery Type	<DeliveryType>	<b>Required</b> data. Enter <b>one</b> of the valid entries: "Airmail" "Surface"
Type of	<ContentType>	<b>Required</b> data. Enter <b>one</b> of the valid entries:

Contents		<p>“Sample”  “Gift”  “Documents”  “Return”  “Other”</p>
Other Content Description	<ContentTypeOther>	Optional data, but <b>required</b> if “Other” is supplied as the content type. Maximum Length: 12
Comments	<Comments>	Optional data. Maximum Length: 60
License Number	<LicenseNumber>	Optional data. If known, or included in package, enter license number. Maximum Length: 23
Certificate Number	<CertificateNumber>	Optional data. If known, or included in package, enter certificate number. Maximum Length: 17
Invoice Number	<InvoiceNumber>	Optional data. If known, or included in package, enter invoice number. Maximum Length: 17
Form Image Type	<ImageType>	<b>Required</b> data. Enter <b>one</b> of the valid entries: “PDF” “TIF” “GIF” “None” if form is not desired.
User-assigned Number for Internal Use	<CustomerRefNo>	This tag is for future use. Do not enter any value.

***Military Mail – APO, FPO Addressing***

Military addresses must show the grade, full name with middle name or initial, and PSC number, unit number, or ship name. Replace the city name with "APO " or "FPO," and the state with "AA," "AE," or "AP," and use a special ZIP Code.

Use the tags <ToAddress1>, <ToAddress2>, <ToAddress3>, <ToAddress4> for the recipient address. The values in the tags <ToPostalCode>, <ToCity>, and <ToCountry> will not be output to the label.

Enter the recipient APO/FPO ZIP code using tag <ToAPOFPOZip5>. For example:

<ToAPOFPOZip5>96612</ToAPOFPOZip5>

Use the tag <ToAddress4> to enter the entire APO/FPO city, state and ZIP code. For example:

<ToAddress4>FPO, AP 96612</ToAddress4>

Do not enter a value for the <ToCountry> tag.

***“Sample” Requests***

If you are planning on using the labels exactly as they are returned to you in your application, without making any changes (text, locations of objects, sizes, adding a logo, etc.) you do not need to submit sample labels and you can skip to the “Live” Requests section, below.

If, however, you are planning on editing the label returned by this Web Tool API in any way, creating your own label using only the barcode number from this API, **or conducting system testing**, you must refer to the *Create Your Own Label* section in the back of this guide. After following the directions for submitting “Sample” labels and receiving certification from the ICCC, you can proceed with the instructions below in the “Live” Requests section.

If there are further questions or concerns over the process, please contact the ICCG at 1-800-344-7779 (7:00AM to 11:00PM EST). **Remember: never use the production server and “live” data to conduct testing. System testing may only be conducted using the <CustomsCP72V2CertifyRequest> tag.**

### “Live” Requests

Again, be sure that you are finished with all testing before requesting “live” labels from the production server, as all “live” production labels are expected to enter the mail stream. “Sample” requests *must* be used for all testing purposes.

Refer to the *XML Tags and Values Allowed* section, above, to build your “Live” request. When building the XML request, pay particular attention to the *order and case* for tags. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The API will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent delivery.

Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<FromZip5>12345</FromZip5>
```

In this instance, you will replace “12345” with the ZIP Code from which the package will be mailed.

The “Live” XML request should be in the following form and sequence. Required tags and data are in **bold** typeface and optional tags and data are in regular typeface. Remember that some required *tags* do not have required *data*.

**Developers:** For sample code utilizing Perl and ASP, refer to the Domestic Rates Calculator API and Track/Confirm API user's guides.

```
<CustomsCP72V2Request USERID="MyUserid" PASSWORD="MyPassword">
  <Option></Option>
  <FromFirstName>From First</FromFirstName>
  <FromLastName>From Last</FromLastName>
  <FromFirm>From Firm</FromFirm>
  <FromAddress1>From Address 1</FromAddress1>
  <FromAddress2>6406 Ivy Lane</FromAddress2>
  <FromUrbanization>Urbanization</FromUrbanization>
  <FromCity>Greenbelt</FromCity>
  <FromState>MD</FromState>
  <FromZip5>20770</FromZip5>
  <FromZip4>1234</FromZip4>
  <FromPhone>3019187658</FromPhone>
  <FromCustomsReference></FromCustomsReference>
  <ToAddress1>To Address 1</ToAddress1>
  <ToAddress2>To Address 2</ToAddress2>
  <ToAddress3>To Address 3</ToAddress3>
  <ToAddress4>To Address 4</ToAddress4>
  <ToPostalCode>PostalCode</ToPostalCode>
```

```

<ToCity>City</ToCity>
<ToCountry>France</ToCountry>
<ToAPOFPOZip5></ToAPOFPOZip5>
<ToPhone>110984532054</ToPhone>
<ToFax>110984301292</ToFax>
<ToEmail>ToEmail@Company.com</ToEmail>
<NonDeliveryOption>Redirect</NonDeliveryOption>
<AltReturnAddress1>MY Alternate Address1</AltReturnAddress1>
<AltReturnAddress2>MY Alternate Address2</AltReturnAddress2>
<AltReturnAddress3>MY Alternate Address3</AltReturnAddress3>
<AltReturnAddress4>MY Alternate Address4</AltReturnAddress4>
<AltReturnAddress5>MY Alternate Address5</AltReturnAddress5>
<AltReturnAddress6>MY Alternate Address6</AltReturnAddress6>
<AltReturnCountry>USA</AltReturnCountry>
<ShippingContents>
  <ItemDetail>
    <Description>Description 1</Description>
    <Quantity>1</Quantity>
    <Value>12.35</Value>
    <NetPounds>1</NetPounds>
    <NetOunces>2</NetOunces>
    <HSTariffNumber></HSTariffNumber>
    <CountryOfOrigin></CountryOfOrigin>
  </ItemDetail>
  <ItemDetail>
    <Description>Descripton 2</Description>
    <Quantity>17</Quantity>
    <Value>22.90</Value>
    <NetPounds>3</NetPounds>
    <NetOunces>9</NetOunces>
    <HSTariffNumber></HSTariffNumber>
    <CountryOfOrigin></CountryOfOrigin>
  </ItemDetail>
</ShippingContents>
<InsuredNumber>V-12324589765</InsuredNumber>
<InsuredAmount>100.00</InsuredAmount>
<SDRInsuredValue>222.34</SDRInsuredValue>
<Postage>65.32</Postage>
<GrossPounds>7</GrossPounds>
<GrossOunces>2</GrossOunces>
<DeliveryType>Airmail</DeliveryType>
<ContentType>Documents</ContentType>
<ContentTypeOther></ContentTypeOther>
<Comments></Comments>
<LicenseNumber></LicenseNumber>
<CertificateNumber></CertificateNumber>
<InvoiceNumber></InvoiceNumber>
<ImageType>GIF</ImageType>
<CustomerRefNo></CustomerRefNo>
</CustomsCP72V2Request>

```

### Visual Basic Request

Using the Microsoft XML object model in Visual Basic, such a request can be built as shown below. In this code sample, the data needed to build the XML is obtained from a form. All fields are obtained from text box controls.

```
Dim RequestLevel As IXMLDOMElement
Dim DCElementLevel As IXMLDOMElement
Dim inetGet As New clsInetGet
Dim response As String
Dim t As Variant
Dim xmlDoc As New DOMDocument

'
' Create the XML Document and put the fields in from the form
'

Set RequestLevel = xmlDoc.createElement("CustomsCP72V2Request")

RequestLevel.setAttribute "USERID", userid.Text
RequestLevel.setAttribute "PASSWORD", password.Text

'Load CP72 values into request.

Set DCElementLevel = xmlDoc.createElement("Option")
Set t = xmlDoc.createTextNode(txtOption.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromFirstName")
Set t = xmlDoc.createTextNode(FromFirstName.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromLastName")
Set t = xmlDoc.createTextNode(FromLastName.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromFirm")
Set t = xmlDoc.createTextNode(FromFirm.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromAddress1")
Set t = xmlDoc.createTextNode(FromAddress1.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromAddress2")
Set t = xmlDoc.createTextNode(FromAddress2.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromUrbanization")
Set t = xmlDoc.createTextNode(FromUrbanization.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromCity")
Set t = xmlDoc.createTextNode(FromCity.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("FromState")
Set t = xmlDoc.createTextNode(FromState.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromZip5")
Set t = xmlDoc.createTextNode(FromZip5.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromZip4")
Set t = xmlDoc.createTextNode(FromZip4.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromPhone")
Set t = xmlDoc.createTextNode(FromPhone.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("FromCustomsReference")
Set t = xmlDoc.createTextNode(FromCustomsReference.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress1")
Set t = xmlDoc.createTextNode(ToAddress1.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress2")
Set t = xmlDoc.createTextNode(ToAddress2.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress3")
Set t = xmlDoc.createTextNode(ToAddress3.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToAddress4")
Set t = xmlDoc.createTextNode(ToAddress4.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToPostalCode")
Set t = xmlDoc.createTextNode(ToPostalCode.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToCity")
Set t = xmlDoc.createTextNode(ToCity.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ToCountry")
```

```
Set t = xmlDoc.createTextNode(ToCountry.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("ToAPOFPOZip5")
Set t = xmlDoc.createTextNode(ToAPOFPOZip5.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("ToPhone")
Set t = xmlDoc.createTextNode(ToPhone.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("ToFax")
Set t = xmlDoc.createTextNode(ToFax.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("ToEmail")
Set t = xmlDoc.createTextNode(ToEmail.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("ToReference")
Set t = xmlDoc.createTextNode(ToReference.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
' The "NonDeliveryOption" tag and the value are required, plus if the tag
' states that you want the return redirected to a different domestic
' return address you must fill in the alternate address.
' The value can be either "REDIRECT", "RETURN" or "ABANDON".
' if the value is "REDIRECT", data is required in the alternate address
' fields.
```

```
' The Alternate address tags are always required but if the value of
' NonDeliveryOption is "REDIRECT" values are required in the fields.
```

```
Set DCElementLevel = xmlDoc.createElement("NonDeliveryOption")
Set t = xmlDoc.createTextNode(UCase(ReturnToSender.Text))
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("AltReturnAddress1")
Set t = xmlDoc.createTextNode(AltReturnAddress1.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("AltReturnAddress2")
Set t = xmlDoc.createTextNode(AltReturnAddress2.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)
```

```
Set DCElementLevel = xmlDoc.createElement("AltReturnAddress3")
Set t = xmlDoc.createTextNode(AltReturnAddress3.Text)
```

```
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("AltReturnAddress4")
Set t = xmlDoc.createTextNode(AltReturnAddress4.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("AltReturnAddress5")
Set t = xmlDoc.createTextNode(AltReturnAddress5.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("AltReturnAddress6")
Set t = xmlDoc.createTextNode(AltReturnAddress6.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("AltReturnCountry")
Set t = xmlDoc.createTextNode(AltReturnCountry.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

'
' Load the customs contents... For this example only one
' item is loaded from the form
'
Set ContentsLevel = xmlDoc.createElement("ShippingContents")

Set ItemDetailLevel = xmlDoc.createElement("ItemDetail")

Set ItemDetailElementLevel = xmlDoc.createElement("Description")
Set t = xmlDoc.createTextNode(Description.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("Quantity")
Set t = xmlDoc.createTextNode(Quantity.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("Value")
Set t = xmlDoc.createTextNode(Value.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("NetPounds")
Set t = xmlDoc.createTextNode(NetPounds.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("NetOunces")
Set t = xmlDoc.createTextNode(NetOunces.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)
```

```
Set ItemDetailElementLevel = xmlDoc.createElement("HSTariffNumber")
Set t = xmlDoc.createTextNode(txtHSTariffNumber.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Set ItemDetailElementLevel = xmlDoc.createElement("CountryOfOrigin")
Set t = xmlDoc.createTextNode(txtCountryOfOrigin.Text)
ItemDetailElementLevel.appendChild (t)
Call ItemDetailLevel.appendChild(ItemDetailElementLevel)

Call ContentsLevel.appendChild(ItemDetailLevel)

Call RequestLevel.appendChild(ContentsLevel)
'
'Now that the customs contents are loaded load the rest
'
Set DCElementLevel = xmlDoc.createElement("InsuredNumber")
Set t = xmlDoc.createTextNode(InsuredNumber.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("InsuredAmount")
Set t = xmlDoc.createTextNode(InsuredAmount.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("SDRInsuredValue")
Set t = xmlDoc.createTextNode(SDRInsuredValue.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("Postage")
Set t = xmlDoc.createTextNode(Postage.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("GrossPounds")
Set t = xmlDoc.createTextNode(GrossPounds.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("GrossOunces")
Set t = xmlDoc.createTextNode(GrossOunces.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("DeliveryType")
Set t = xmlDoc.createTextNode(txtDeliveryType.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ContentType")
Set t = xmlDoc.createTextNode(ContentType.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ContentTypeOther")
```

```
Set t = xmlDoc.createTextNode(ContentTypeOther.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("Comments")
Set t = xmlDoc.createTextNode(Comments.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("LicenseNumber")
Set t = xmlDoc.createTextNode(LicenseNumber.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("CertificateNumber")
Set t = xmlDoc.createTextNode(CertificateNumber.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("InvoiceNumber")
Set t = xmlDoc.createTextNode(InvoiceNumber.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("ImageType")
Set t = xmlDoc.createTextNode(ImageType.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

Set DCElementLevel = xmlDoc.createElement("CustomerRefNo")
Set t = xmlDoc.createTextNode(CustomerRefNo.Text)
DCElementLevel.appendChild (t)
Call RequestLevel.appendChild(DCElementLevel)

' Close the document and set all the objects to nothing

Call xmlDoc.appendChild(RequestLevel)
Set ContentsElementLevel = Nothing
Set ContentsLevel = Nothing
Set RequestLevel = Nothing
Set DCElementLevel = Nothing
Set ContentsLevel = Nothing
```

## Steps 2 & 3: Make the Internet Connection and Send the XML Request

These two steps are presented together to simplify things. The two steps actually involve four separate functions:

1. making the connection to the API server (test server or production server)
2. sending the request (whether Visual Basic, Perl, ASP, or any other language)
3. receiving the response from the API server
4. closing the Internet connection

These steps are identical for sending “*Sample*” or “*Live*” requests. **Remember, however, that you are provided with a different server name to send “live” requests.** This section describes

two ways to make the Internet connection. This is not an all-inclusive list. It simply represents the most common and easiest ways to make the Internet connection.

- Using the USPS-supplied HTTP Connection DLL

*The HTTP Connection DLL is recommended for NT systems.* This software, created specifically for the USPS API implementation, provides e-tailers with a thread-safe sockets interface to submit XML requests and receive XML responses from the API server.

- Using Microsoft's WinInet

Although you can use the WinInet DLL to make the connection to the API server, it is not recommended for server applications due to limitations in the DLL. It is recommended that you either use the USPS-supplied HTTP Connection DLL or write your own sockets interface that can be used to make multiple connections and will remain thread-safe.

### **Using HTTP Connection DLL**

To obtain this code you must submit a Licensing Agreement. See the *Administrative Guide for APIs* for the agreement.

### **Using WinInet**

This sample code shows how to use Microsoft's WinInet DLL to make the Internet connection, using either the "GET" or "POST" (necessary for requests over 2K in size) methods. XMLSTRING represents the URL-encoded XML request and SERVERNAME indicates the name of the USPS web site to which you are connecting. The two lines of code presented in boldface below must be changed depending on which step you are completing.

Note: There are no canned tests for this API.

For "Sample" test requests the code should read:

```
File = "/ShippingAPI.dll?"  
xml = "API=CustomsCP72V2Certify&XML=" & XMLSTRING
```

For "Live" requests the code should read:

```
File = "/ShippingAPI.dll?"  
xml = "API=CustomsCP72V2&XML=" & XMLSTRING
```

#### **Input:**

```
Dim File As String  
Dim xml As String  
Dim sHeader As String  
Dim htmlFile As String  
Dim tmp As String * 2048  
Dim bDoLoop As Boolean  
  
SERVERNAME = "???????????"  
File = "/ShippingAPI.dll?"  
xml = "API=CustomsCP72V2&XML=" & xmlDoc.xml  
  
,
```

```
' Open a connection to the server and send the request using either a get or a
post
' This example uses Wininet.dll
'
hOpen = InternetOpen("", 1, vbNullString, vbNullString, 0)
hConnection = InternetConnect(hOpen, SERVERNAME, 0, _
"", "", 3, 0, 0)

'Get
'File = File & xml
'hFile = HttpOpenRequest(hConnection, "GET", File, "HTTP/1.0", vbNullString,
0, 0, 0)

'Post
hFile = HttpOpenRequest(hConnection, "POST", File, "HTTP/1.0", vbNullString,
0, 0, 0)

sHeader = "Content-Type: application/x-www-form-urlencoded" & vbCrLf
Call HttpAddRequestHeaders(hFile, sHeader, Len(sHeader), 0)
bDoLoop = HttpSendRequest(hFile, vbNullString, 0, xml, Len(xml))
'
' Get the answer from the server

bDoLoop = True
While bDoLoop
    tmp = vbNullString
    bDoLoop = InternetReadFile(hFile, tmp, Len(tmp), numread)
    If Not bDoLoop Then
        Exit Sub
    Else
        htmlFile = htmlFile & Left$(tmp, numread)
        If Not CBool(numread) Then bDoLoop = False
    End If
Wend
If hFile <> 0 Then InternetCloseHandle (hFile)
If hConnection <> 0 Then InternetCloseHandle (hConnection)
If hOpen <> 0 Then InternetCloseHandle (hOpen)

xmlstr = htmlFile

'Call the routine to parse the document

Call parsedoc(xmlstr)
```

#### Step 4: Unpack the XML Response

This step is identical for unpacking “*Sample*” or “*Live*” responses.

#### **Types of Responses**

When the USPS Shipping API returns a response, it will either return a successful response document or an error document. Anytime you receive a response, you should check to see if the document is <Error>. Refer to the *Errors* section.

## Using Visual Basic

Using the Microsoft XML object model in Visual Basic, such responses can be unpacked as follows:

```
Sub parsedoc(ByVal xmlstr As String)

Dim oChild As IXMLDOMNode
Dim nodeList As IXMLDOMNodeList
Dim i As Integer
Dim CustomsBarcodeNumber As String
Dim Regulations As String
Dim CustomsForms As String
Dim Observations As String
Dim Restrictions As String
Dim Prohibitions As String
Dim m_sCP72Page1Image As String
Dim m_sCP72Page2Image As String
Dim m_sCP72Page3Image As String
Dim m_sCP72Page4Image As String
Dim m_sCP72Page5Image As String
Dim m_sCP72InstructionsImage As String
Dim TotalValue As String
Dim xmlDoc As New DOMDocument

xmlDoc.validateOnParse = False
xmlDoc.loadXML (xmlstr) 'Response

'
' See if there was an error
'

Set nodeList = xmlDoc.getElementsByTagName("Error")
If nodeList.length > 0 Then 'Top-level Error
Set n = nodeList.Item(0)
For i = 0 To n.childNodes.length - 1
    Set e = n.childNodes.Item(i)
    Select Case e.nodeName
        Case "Source"
        Case "Number"
        Case "Description"
        Case "HelpFile"
        Case "HelpContext"
    End Select
Next i
Else 'no Top-level Error
    'Get the list of nodes.
    Set nodeList = xmlDoc.getElementsByTagName("CustomsCP72V2Response")
    For i = 0 To nodeList.length - 1
        Set oChild = nodeList.Item(i)
        Set oChild = oChild.firstChild
        While Not oChild Is Nothing

            Select Case oChild.nodeName
            '
            'Put the node contents in to string variables
```

```
Case "TotalValue"
  If oChild.hasChildNodes Then
    TotalValue = oChild.firstChild.nodeValue
  End If
Case "CustomsBarcodeNumber"
  If oChild.hasChildNodes Then
    CustomsBarcodeNumber = oChild.firstChild.nodeValue
  Else
    Err.Raise "Missing CP72 Customs Barcode Number"
  End If
Case "CP72Page1Image"
  If oChild.hasChildNodes Then
    m_sCP72Page1Image = oChild.firstChild.nodeValue
  Else
    Err.Raise "CP72 Page 1 Image"
  End If
Case "CP72Page2Image"
  If oChild.hasChildNodes Then
    m_sCP72Page2Image = oChild.firstChild.nodeValue
  Else
    Err.Raise "CP72 Page 2 Image"
  End If
Case "CP72Page3Image"
  If oChild.hasChildNodes Then
    m_sCP72Page3Image = oChild.firstChild.nodeValue
  Else
    Err.Raise "CP72 Page 3 Image"
  End If
Case "CP72Page4Image"
  If oChild.hasChildNodes Then
    m_sCP72Page4Image = oChild.firstChild.nodeValue
  Else
    Err.Raise "CP72 Page 4 Image"
  End If
Case "CP72Page5Image"
  If oChild.hasChildNodes Then
    m_sCP72Page5Image = oChild.firstChild.nodeValue
  Else
    Err.Raise "CP72 Page 5 Image"
  End If
Case "CP72InstructionsImage"
  If oChild.hasChildNodes Then
    CP72InstructionsImage = oChild.firstChild.nodeValue
  End If
Case "Prohibitions"
  If oChild.hasChildNodes Then
    Prohibitions = oChild.firstChild.nodeValue
  End If
Case "Restrictions"
  If oChild.hasChildNodes Then
    Restrictions = oChild.firstChild.nodeValue
  End If
Case "Observations"
  If oChild.hasChildNodes Then
    Observations = oChild.firstChild.nodeValue
```

```
        End If
    Case "CustomsForms"
        If oChild.hasChildNodes Then
            CustomsForms = oChild.firstChild.nodeValue
        End If
    Case "Regulations"
        If oChild.hasChildNodes Then
            Regulations = oChild.firstChild.nodeValue
        End If

    End Select
    Set oChild = oChild.nextSibling
Wend
Next i
End If
Set xmlDoc = Nothing

' The variables for the images now contain Base64 encoded data.
' The contents must now be decoded and written to a file with the
' proper extension for an on disk images to be created.

End Sub
```

## **Base64 Decoding in VBScript in an ASP**

```

<%@ Language=VBScript %>
<%
Dim dcOutput()
sBase = "ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/"
StreamLength = len(CustomsForm)

'-----
'Strip cr/lf
dcCopylen = 0
dcCopy = ""
For j = 1 To StreamLength
    If ((Mid(CustomsForm, j, 1) <> vbCr) And Mid(CustomsForm, j, 1) <> vbLf))
Then
        dcCopy = dcCopy & Mid(CustomsForm, j, 1)
        dcCopylen = dcCopylen + 1
    End If
Next
'-----

'-----
'Decode bulk of string
dcOutputlen = 0
ReDim dcOutput((dcCopylen * 3) / 4)
    For j = 1 To dcCopylen - 4 Step 4
        'map "A"-"/" to 0-63
        a = InStr(1, sBase, Mid(dcCopy, j, 1), vbBinaryCompare) - 1
        b = InStr(1, sBase, Mid(dcCopy, j + 1, 1), vbBinaryCompare) - 1
        c = InStr(1, sBase, Mid(dcCopy, j + 2, 1), vbBinaryCompare) - 1
        d = InStr(1, sBase, Mid(dcCopy, j + 3, 1), vbBinaryCompare) - 1
        'decode 0-63 to 0-255
        dcOutput(dcOutputlen) = (a * 4) Or ((b And 48) / 16)
        dcOutput(dcOutputlen + 1) = ((b And 15) * 16) Or ((c And 60) / 4)
        dcOutput(dcOutputlen + 2) = ((c And 3) * 64) Or (d And 63)

        dcOutputlen = dcOutputlen + 3
    Next
'-----

'-----
'Decode last 1-3 characters
a = InStr(1, sBase, Mid(dcCopy, j, 1), vbBinaryCompare) - 1
b = InStr(1, sBase, Mid(dcCopy, j + 1, 1), vbBinaryCompare) - 1
dcOutput(dcOutputlen) = (a * 4) Or ((b And 48) / 16)
If j + 2 <= dcCopylen Then
    c = InStr(1, sBase, Mid(dcCopy, j + 2, 1), vbBinaryCompare) - 1
    dcOutput(dcOutputlen + 1) = ((b And 15) * 16) Or ((c And 60) / 4)
    dcOutputlen = dcOutputlen + 1
End If
If j + 3 <= dcCopylen Then
    d = InStr(1, sBase, Mid(dcCopy, j + 3, 1), vbBinaryCompare) - 1
    dcOutput(dcOutputlen + 2) = ((c And 3) * 64) Or (d And 63)
    dcOutputlen = dcOutputlen + 1
End If

```

```
Response.ContentType = "Application/PDF"
for j = 0 to dcOutputlen - 1
    response.binarywrite chrB(dcOutput(j))
next
%>
```

## **Errors**

Error conditions are handled at the main XML document level. For APIs that can handle multiple transactions, the error conditions for requests for multiple responses to be returned together are handled at the response level. For example: an API developer sends a request for rates for two packages. If the addresses are non-existent, an “Error document” is returned to the user. On the other hand, if the address for the first package is acceptable but not the second, the response document contains the information for the first address, but under the XML tag for the second address there is an error tag. When parsing, it is best to check for an error document first, before checking for good data.

Error documents follow the Visual Basic error standards and have the following format:

```
<Error>
    <Number></Number>
    <Source></Source>
    <Description></Description>
    <HelpFile></HelpFile>
    <HelpContext></HelpContext>
</Error>
```

where:

- Number = the error number generated by the API server
- Source = the component and interface that generated the error on the API server
- Description = the error description
- HelpFile = [reserved for future use]
- HelpContext = [reserved for future use]

Errors that are further down in the hierarchy also follow the above format.

## **Output**

After following Technical Step 4 and unpacking the XML response, you will have the output from your request. This section describes the different outputs resulting from “*Sample*” and “*Live*” requests. Both types of requests result in an XML response with the following tags:

<b>Output</b>	<b>XML Tag</b>
“Sample” Response	<CustomsCP72V2CertifyResponse>
“Live” Response	<CustomsCP72V2Response>
Value of all items being shipped	<TotalValue>
Barcode number required by Customs Service	<CustomsBarcodeNumber>
Encoded images of Customs Form CP 72 pages	<CP72Page1Image> <CP72Page2Image> <CP72Page3Image> <CP72Page4Image>

	<CP72Page5Image> <CP72InstructionsImage>
List of items prohibited from mailing based on country of destination	<Prohibitions>
Restrictions on items being shipped based on country of destination	<Restrictions>
Additional mailing information based on country of destination	<Observations>
Customs forms required to mail to destination country	<CustomsForms>
Additional regulations for shipping to destination country	<Regulations>

**“Sample” and “Live” Responses**

**XML Output**

```
<?xml version="1.0"?>
<CustomsCP72V2Response>
  <TotalValue>35.25</TotalValue>
  <CustomsBarcodeNumber>CP614990200US</CustomsBarcodeNumber>
  <CP72Page1Image> [encoded image data] </CP72Page1Image>
  <CP72Page2Image> [encoded image data] </CP72Page2Image>
  <CP72Page3Image> [encoded image data] </CP72Page3Image>
  <CP72Page4Image> [encoded image data] </CP72Page4Image>
  <CP72Page5Image> [encoded image data] </CP72Page5Image>
  <CP72InstructionsImage> [encoded image data] </CP72InstructionsImage>
  <Prohibitions>
    Arms, ammunition.
    Cigarette lighters using butane gas.
    Feeding bottles.
    Funeral urns.
    Goods bearing false marks of French manufacture or origin.
    Imitation pearls containing lead salts and any articles of
    jewelry made with pearls of this type.
    Measuring instruments marked in units not complying with French
    law.
    Perishable infectious biological substances except as noted in
    Restrictions below.
    Perishable noninfectious biological substances except as noted
    under Restriction below.
    Radioactive materials.
    Saccharine in tablets or packets.
    Live plants and animals.
    Arms and weapons.
    Human remains.
  </Prohibitions>
  <Restrictions>
    Bees, honey, and beeswax must be accompanied by a certificate of
    origin and noninfection issued by a qualified official approved
    by the Government. Shipments of honey not exceeding 2 kilograms
    do not require the certificate.
    Books in the French language printed abroad must have the names
    of the publisher and printer shown as prescribed by the French
    copyright laws.
    Canned vegetables, fish, plums, and nuts not bearing an
    indication of the country of origin by stamping, in plain raised
```

or sunken letters at least 4 millimeters high, in the middle of the top or bottom and in a place not bearing any inscription. Gold coins or other articles of gold require that the addressee have a permit issued by the Bank of France (not required for gold-plated articles or for ornaments or jewelry containing only small amounts of gold and weighing 500 grams or less). Medicines and medicinal products require an import license issued by the Central Pharmaceutical Service of the Ministry of Health. Perishable biological substances, infectious and noninfectious, are admitted when addressed to the following laboratories:

1. Pasteur Institute  
25 rue du docteur Roux  
75724 Paris CEDEX 14  
FRANCE
2. Pasteur Institute  
1 rue du Professeur Calmette  
59019 Lille CEDEX BB 245  
FRANCE
3. Pasteur Institute  
77 rue Pasteur  
69365 Lyon CEDEX  
FRANCE

Plants, seeds, bulbs must be accompanied by plant health certificate.

The importation of tobacco leaves and stems, manufactured tobaccos, cigars, cigarettes, chewing and smoking tobacco is permitted only on behalf of the State Monopoly, with the following exception: Manufactured tobaccos, including cigars and cigarettes, may be sent to individuals in France for personal use up to 10 kilograms (22 pounds) per person per year, subject to special customs authorization.

</Restrictions>

<Observations>

1. Air parcel post must have a street address. Delivery cannot be made to post office boxes. A local telephone number for the addressee should be provided.
2. For air parcels, an invoice, in duplicate, is required for all commercial shipments regardless of value and for all personal shipments valued at \$300 or more. The invoices must be affixed to the outside of the parcel or may be enclosed in PS Form 2976-E with the customs declaration.
3. It is recommended that all articles bear, as part of the address, the name of the Province in which the office of destination is located.
4. Printed matter of value should have Form 2976 affixed, and it can be cleared more readily through French customs if an invoice is enclosed.
5. Parcel post packages whose senders or addressees are designated by initials will not be admitted.
6. Shipments must not be fastened by means of wire, but straps not having sharp edges may be used, provided they are tightly fastened so that no sharp ends or corners are exposed.

</Observations>

<CustomsForms>

Letter-post: PS Form 2976 or 2976-A (see 123.61)

Parcel Post: PS Form 2976-A inside 2976-E (envelope)

</CustomsForms>

<Regulations>

Country Code: FR

Reciprocal Service Name:

There is no reciprocal service.

Required Customs Form/Endorsement

1. Business correspondence, commercial papers and documents.

PS Form 2976, Customs - CN 22 (Old C 1) and Sender's Declaration (green label).

2. Merchandise samples, gifts, computer data including computer cards, magnetic tape, microfilm, and microfiche.

PS Form 2976-A, Customs Declaration and Dispatch Note CP 72, inside a PS Form 2976-E, Customs Declaration Envelope CP 91.

3. Merchandise and all articles subject to customs duty.

PS Form 2976-A, Customs Declaration and Dispatch Note CP 72, inside a PS Form 2976-E, Customs Declaration Envelope CP 91. A commercial invoice must be attached to the outside of all commercial shipments.

Notes:

1. Indicate precise description of documents, gifts, merchandise samples, and merchandise.

2. For personal gifts, merchandise samples, and merchandise, indicate the value of the contents expressed in U.S. dollars or French francs.

3. Label gift packages clearly as GIFT or CADEAU and merchandise samples as SAMPLES.

4. Coins; banknotes; currency notes (paper money); securities of any kind payable to bearer; traveler's checks; platinum, gold, and silver (manufactured or not); precious stones; jewelry; and other valuable articles are prohibited in EMS shipments to France (including Corsica and Monaco).

5. Express Mail shipments must have a street address. Post office box addresses should not be used. A local telephone number for addressee should be provided if possible.

6. Arms, weapons, and human remains are prohibited.

7. An invoice, in duplicate, is required for all commercial shipments regardless of value and for all personal shipments valued at \$300 or more. The invoices must be affixed to the outside of the parcel or may be enclosed in PS Form 2976-E with the customs declaration.

Areas Served:

All locations in France, Corsica, and Monaco are served.

</Regulations>

</CustomsCP72V2Response>

*Form Output*

The image returned is Base64-encoded in PDF, TIF, or GIF format and must be decoded before use. For additional information on Base64-encoding and decoding, consult the following URLs: <http://www.ietf.org/rfc/rfc1421.txt> (Section 4.3.2.4) and <http://www.ietf.org/rfc/rfc2045.txt> (Section 6.8).

Each Customs Form CP 72 is a five-page form with instructions printed on a sixth page. After decoding the "Sample" form should look like:

United States Postal Service  
e/ Customs Declaration and Dispatch Note — CP 72  
The *Remarque* may be opened officially.

CP 614991474 US

From: JOHN DOE, 10 ELM STREET, ANYTOWN ST 01234 5678, USA

To: MS. C. P. APPLE, APARTADO 3088, 46807 PUERTO VALLARTA, JALISCO, MEXICO

Sender's Customs Reference (# any): V123456789

Insured Number (if any): 123456789

SR Value: 288.88

Item Description: Policy guidelines document, Corporate letterhead

Weight: 500 g, 1 lb, 2 lb, 5 oz

Value (US \$): \$55.00, \$37.00

For Overseas/ Sender's Only: HS tariff number (7), Country of origin of goods (8)

Check One:  Airmail/ Priority,  Surface Mail

Total Gross Wt. (4): 4 lb, 0 oz

Total Value (8): \$92.00

Postage and Fees (9): \$5.32

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto sanitary inspection, or other restrictions):

License Number(s) (13):

Certificate Number(s) (13):

Invoice Number (14):

Date and sender's signature (15):

PS Form 2976-A, January 2004

United States Postal Service  
e/ Customs Declaration and Dispatch Note — CP 72  
The *Remarque* may be opened officially.

CP 614991474 US

From: JOHN DOE, 10 ELM STREET, ANYTOWN ST 01234 5678, USA

To: MS. C. P. APPLE, APARTADO 3088, 46807 PUERTO VALLARTA, JALISCO, MEXICO

Sender's Customs Reference (# any): V123456789

Insured Number (if any): 123456789

SR Value: 288.88

Item Description: Policy guidelines document, Corporate letterhead

Weight: 500 g, 1 lb, 2 lb, 5 oz

Value (US \$): \$55.00, \$37.00

For Overseas/ Sender's Only: HS tariff number (7), Country of origin of goods (8)

Check One:  Airmail/ Priority,  Surface Mail

Total Gross Wt. (4): 4 lb, 0 oz

Total Value (8): \$92.00

Postage and Fees (9): \$5.32

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto sanitary inspection, or other restrictions):

License Number(s) (13):

Certificate Number(s) (13):

Invoice Number (14):

Date and sender's signature (15):

PS Form 2976-A, January 2004

United States Postal Service  
e/ Customs Declaration and Dispatch Note — CP 72  
The *Remarque* may be opened officially.

CP 614991474 US

From: JOHN DOE, 10 ELM STREET, ANYTOWN ST 01234 5678, USA

To: MS. C. P. APPLE, APARTADO 3088, 46807 PUERTO VALLARTA, JALISCO, MEXICO

Sender's Customs Reference (# any): V123456789

Insured Number (if any): 123456789

SR Value: 288.88

Office of Exchange: Please affix labels when required

Customs Duty:

Check One:  Airmail/ Priority,  Surface Mail

Total Gross Wt. (4): 4 lb, 0 oz

Total Value (8): \$92.00

Postage and Fees (9): \$5.32

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto sanitary inspection, or other restrictions):

License Number(s) (13):

Certificate Number(s) (13):

Invoice Number (14):

Date and sender's signature (15):

PS Form 2976-A, January 2004

United States Postal Service  
e/ Customs Declaration and Dispatch Note — CP 72  
The *Remarque* may be opened officially.

CP 614991474 US

From: JOHN DOE, 10 ELM STREET, ANYTOWN ST 01234 5678, USA

To: MS. C. P. APPLE, APARTADO 3088, 46807 PUERTO VALLARTA, JALISCO, MEXICO

Sender's Customs Reference (# any): V123456789

Insured Number (if any): 123456789

SR Value: 288.88

Office of Exchange: Please affix labels when required

Customs Duty:

Check One:  Airmail/ Priority,  Surface Mail

Total Gross Wt. (4): 4 lb, 0 oz

Total Value (8): \$92.00

Postage and Fees (9): \$5.32

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto sanitary inspection, or other restrictions):

License Number(s) (13):

Certificate Number(s) (13):

Invoice Number (14):

Date and sender's signature (15):

PS Form 2976-A, January 2004

United States Postal Service  
e/ Customs Declaration and Dispatch Note — CP 72  
The *Remarque* may be opened officially.

CP 614991474 US

From: JOHN DOE, 10 ELM STREET, ANYTOWN ST 01234 5678, USA

To: MS. C. P. APPLE, APARTADO 3088, 46807 PUERTO VALLARTA, JALISCO, MEXICO

Sender's Customs Reference (# any): V123456789

Insured Number (if any): 123456789

SR Value: 288.88

Detailed Description of Contents (1):

Policy guidelines document, Corporate letterhead

Weight: 500 g, 1 lb, 2 lb, 5 oz

Value (US \$): \$55.00, \$37.00

For Overseas/ Sender's Only: HS tariff number (7), Country of origin of goods (8)

Check One:  Airmail/ Priority,  Surface Mail

Total Gross Wt. (4): 4 lb, 0 oz

Total Value (8): \$92.00

Postage and Fees (9): \$5.32

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto sanitary inspection, or other restrictions):

License Number(s) (13):

Certificate Number(s) (13):

Invoice Number (14):

Date and sender's signature (15):

PS Form 2976-A, January 2004

Instructions

Before completing this form, please read the following instructions carefully. NOTE: Your goods may be subject to restrictions.

Complete this form in English. You may add a translation of the contents in a language accepted in the destination country.

Complete in ink and press firmly so all information transfers to all copies.

Complete the declaration fully and legibly; otherwise, delay and inconvenience may result for the addressee. A false or incomplete declaration may lead to a fine or seizure of the item.

Your goods may be subject to restrictions. It is your responsibility to inquire into import and export regulations, such as quarantine, pharmaceutical restrictions, etc., and to file all relevant documents. If any (commercial invoice, certificate of origin, certificate, license, authorization for goods subject to quarantine such as plant, animal, or food products, etc.) are required in the destination country, they must be included.

Commercial items mean any goods exported/imported in the course of a business transaction, whether or not they are sold for money or exchanged.

1. Enter a detailed description of each article — e.g., "meter cotton shirts" (quantity, description — e.g., "samples, food products" — are not permitted).
2. Enter the quantity of each article and the unit of measurement used.
- 3 & 4. Enter the net weight of each article in pounds and ounces. Enter the gross weight of the package in pounds and ounces, including packaging, which corresponds to the weight used to calculate the postage.
- 5 & 6. Enter the value for each article and the total in US dollars.
- 7 & 8. For commercial senders only: Provide, under the heading "For Commercial Senders Only," the Harmonized Commodity Description and Coding System developed by the World Customs Organization. "Country of Origin" means the country where the goods were produced or manufactured. "Country of Origin" is established. Senders of commercial items are advised to supply this information as it will assist Customs in processing the items.
9. Postal clerk — enter the amount of postage and insurance charges.
10. Check the box specifying the nature of the item.
11. Provide details if the contents are subject to quarantine (plant, animal, food products, etc.) or other restrictions.
- 12, 13, & 14. If your item is accompanied by a license or a certificate, enter the number. You should enclose an invoice for all commercial items.
15. Your signature — confirm your liability for the item being mailed.
16. Check box if item is returned in case of non-delivery. Items returned to sender are subject to return charges at sender's expense.

NOTE: Copy 4 of this form is filed at the Post Office to 30 days from the date of mailing.

Insert the completed form into PS Form 2976-B, Customs Declaration and Dispatch Note envelope. Enclose any commercial documents into the envelope. Do not fold form or wrap around the package. The entire barcode and all information must be visible. Remove the backing sheet and affix the envelope to the package on the address side.

PS Form 2976-A, January 2004

(The images above are not to scale.)

After decoding the "Live" form should look like:

**United States Postal Service**  
e/ Customs Declaration and Dispatch Note — CP 72  
*The Return parcel may be opened officially.*

CP 610 432 863 US

**From**  
JOHN DOE  
10 ELM STREET  
ANYTOWN ST 01234 5678  
USA

**To**  
MS. C. P. APPLE  
APARTADO 3088  
46807 PUERTO VALLARTA JALISCO  
MEXICO

Sender's Customs Reference # (e.g.) V12345678901  
Insured Amount (US \$) 300.00  
ISR Value 288.88

Importer's Reference - Optional (if any) (For codes VHT No./Appoint code)  
Importer's Telephone/Fax/Email (if known)

Detailed Description of Contents (1)	Qty. (2)	Net Weight (3) lb. oz.	Value (US \$) (5)	For Commercial Senders Only	
				HS tariff number (7)	Country of origin (8)
Policy guidelines document	1	1 lb. 5 oz.	\$55.00		
Corporate letterhead	500	2 lb.	\$37.00		

Check One:  Retail/Priority  Surface/Nonpriority

Total Gross Wt. (4) 4 lb. 0 oz. Total Value (6) \$92.00 Postage and Fees (9) \$5.32

Check One (10)  Gift  Commercial sample  Other  Documents  Returned goods

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto-sanitary inspection, or other restrictions)

License Number(s) (12) Certificate Number(s) (13) Invoice Number (14)

I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous articles prohibited by legislation or by postal or customs regulations.

Date and sender's signature (15)

PS Form 2976-A, January 2004 Do not duplicate this form without USPS approval. 1 - Customs Declaration

**United States Postal Service**  
e/ Customs Declaration and Dispatch Note — CP 72  
*The Return parcel may be opened officially.*

CP 610 432 863 US

**From**  
JOHN DOE  
10 ELM STREET  
ANYTOWN ST 01234 5678  
USA

**To**  
MS. C. P. APPLE  
APARTADO 3088  
46807 PUERTO VALLARTA JALISCO  
MEXICO

Sender's Customs Reference # (e.g.) V12345678901  
Insured Amount (US \$) 300.00  
ISR Value 288.88

Importer's Reference - Optional (if any) (For codes VHT No./Appoint code)  
Importer's Telephone/Fax/Email (if known)

Detailed Description of Contents (1)	Qty. (2)	Net Weight (3) lb. oz.	Value (US \$) (5)	For Commercial Senders Only	
				HS tariff number (7)	Country of origin (8)
Policy guidelines document	1	1 lb. 5 oz.	\$55.00		
Corporate letterhead	500	2 lb.	\$37.00		

Check One:  Retail/Priority  Surface/Nonpriority

Total Gross Wt. (4) 4 lb. 0 oz. Total Value (6) \$92.00 Postage and Fees (9) \$5.32

Check One (10)  Gift  Commercial sample  Other  Documents  Returned goods

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto-sanitary inspection, or other restrictions)

License Number(s) (12) Certificate Number(s) (13) Invoice Number (14)

I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous articles prohibited by legislation or by postal or customs regulations.

Date and sender's signature (15)

PS Form 2976-A, January 2004 Do not duplicate this form without USPS approval. 2 - Customs Declaration

**United States Postal Service**  
e/ Customs Declaration and Dispatch Note — CP 72  
*The Return parcel may be opened officially.*

CP 610 432 863 US

**From**  
JOHN DOE  
10 ELM STREET  
ANYTOWN ST 01234 5678  
USA

**To**  
MS. C. P. APPLE  
APARTADO 3088  
46807 PUERTO VALLARTA JALISCO  
MEXICO

Sender's Customs Reference # (e.g.) V12345678901  
Insured Amount (US \$) 300.00  
ISR Value 288.88

Importer's Reference - Optional (if any) (For codes VHT No./Appoint code)  
Importer's Telephone/Fax/Email (if known)

Office of Exchange Customs Stamp Reason affix labels here when required

Customs Duty

Check One:  Retail/Priority  Surface/Nonpriority

Total Gross Wt. (4) 4 lb. 0 oz. Total Value (6) \$92.00 Postage and Fees (9) \$5.32

Check One (10)  Gift  Commercial sample  Other  Documents  Returned goods

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto-sanitary inspection, or other restrictions)

Declaration by ADDRESSEE (13) I have received the parcel

License Number(s) (12) Certificate Number(s) (13) Invoice Number (14)

I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous articles prohibited by legislation or by postal or customs regulations.

Date and address's signature (15)

PS Form 2976-A, January 2004 Do not duplicate this form without USPS approval. 3 - Dispatch Note

**United States Postal Service**  
e/ Customs Declaration and Dispatch Note — CP 72  
*The Return parcel may be opened officially.*

CP 610 432 863 US

**From**  
JOHN DOE  
10 ELM STREET  
ANYTOWN ST 01234 5678  
USA

**To**  
MS. C. P. APPLE  
APARTADO 3088  
46807 PUERTO VALLARTA JALISCO  
MEXICO

Sender's Customs Reference # (e.g.) V12345678901  
Insured Amount (US \$) 300.00  
ISR Value 288.88

Importer's Reference - Optional (if any) (For codes VHT No./Appoint code)  
Importer's Telephone/Fax/Email (if known)

Detailed Description of Contents (1)	Qty. (2)	Net Weight (3) lb. oz.	Value (US \$) (5)	For Commercial Senders Only	
				HS tariff number (7)	Country of origin (8)
Policy guidelines document	1	1 lb. 5 oz.	\$55.00		
Corporate letterhead	500	2 lb.	\$37.00		

Check One:  Retail/Priority  Surface/Nonpriority

Total Gross Wt. (4) 4 lb. 0 oz. Total Value (6) \$92.00 Postage and Fees (9) \$5.32

Check One (10)  Gift  Commercial sample  Other  Documents  Returned goods

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto-sanitary inspection, or other restrictions)

License Number(s) (12) Certificate Number(s) (13) Invoice Number (14)

I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous articles prohibited by legislation or by postal or customs regulations.

Date and sender's signature (15)

PS Form 2976-A, January 2004 Do not duplicate this form without USPS approval. 4 - Post Office Copy

**United States Postal Service**  
e/ Customs Declaration and Dispatch Note — CP 72  
*The Return parcel may be opened officially.*

CP 610 432 863 US

**From**  
JOHN DOE  
10 ELM STREET  
ANYTOWN ST 01234 5678  
USA

**To**  
MS. C. P. APPLE  
APARTADO 3088  
46807 PUERTO VALLARTA JALISCO  
MEXICO

Sender's Customs Reference # (e.g.) V12345678901  
Insured Amount (US \$) 300.00  
ISR Value 288.88

Importer's Reference - Optional (if any) (For codes VHT No./Appoint code)  
Importer's Telephone/Fax/Email (if known)

Detailed Description of Contents (1)	Qty. (2)	Net Weight (3) lb. oz.	Value (US \$) (5)	For Commercial Senders Only	
				HS tariff number (7)	Country of origin (8)
Policy guidelines document	1	1 lb. 5 oz.	\$55.00		
Corporate letterhead	500	2 lb.	\$37.00		

Check One:  Retail/Priority  Surface/Nonpriority

Total Gross Wt. (4) 4 lb. 0 oz. Total Value (6) \$92.00 Postage and Fees (9) \$5.32

Check One (10)  Gift  Commercial sample  Other  Documents  Returned goods

Comments (11) (e.g., goods subject to quarantine, sanitary/phyto-sanitary inspection, or other restrictions)

License Number(s) (12) Certificate Number(s) (13) Invoice Number (14)

I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous articles prohibited by legislation or by postal or customs regulations.

Date and sender's signature (15)

PS Form 2976-A, January 2004 Do not duplicate this form without USPS approval. 5 - Sender's Copy

**Instructions**

Before completing this form, please read the following instructions carefully. NOTE: Your goods may be subject to restrictions.

Complete this form in English. You may add a translation of the contents in a language accepted in the destination country.

Complete in ink and press firmly so all information transfers to all copies.

Complete the declaration fully and legibly; otherwise, delay and inconvenience may result for the addressee. A false or misleading declaration may lead to a fine or to seizure of the item.

Your goods may be subject to restrictions. It is your responsibility to inquire into import and export regulations, restrictions such as quarantine, sanitary/phyto-sanitary restrictions, etc., and to find out about documents, if any (commercial invoice, certificate of origin, health certificate, license, authorization for goods subject to quarantine such as plant, animal, or food products, etc.), are required in the destination country.

Commercial item means any goods exported/imported in the course of a business transaction, whether or not they are sold for money or exchanged.

1. Enter a detailed description of each article — e.g., "men's cotton shirts." General descriptions — e.g., "samples, food products" — are not permitted.
2. Enter the quantity of each article and the unit of measurement used.
- 3, 4. Enter the net weight of each article in pounds and ounces. Enter the total weight of the package in pounds and ounces, including packaging, which corresponds to the weight used to calculate the postage.
- 5, 6. Enter the value for each article and the total in US dollars.
- 7, 8. **For commercial senders only:** If known, enter the 6-digit HS tariff number, which may be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. "Country of Origin" means the country where the goods originated — e.g., were produced/manufactured or assembled. Senders of commercial items are advised to supply this information as it will assist Customs in processing the items.
9. Postal clerk — enter the amount of postage and fees.
10. Check the box specifying the category of the item.
11. Provide details if the contents are subject to quarantine (plant, animal, food products, etc.) or other restrictions.
- 12, 13, & 14. If your item is accompanied by a license or a certificate, enter the number. You should enclose an invoice for all commercial items.
15. Your signature and date confirm your liability for the item being mailed.
16. Check box specifying instruction in case of nondelivery. Items returned to sender are subject to return charges at sender's expense.

NOTE: Copy 4 of this form is filed at the Post Office for 30 days from the date of mailing.

Insert the completed form into PS Form 2976-B, Customs Declaration and Dispatch Note Envelope. Enclose any commercial documents into the envelope. Do not fold form set or wrap around the package. The entire barcode and all information must be visible. Remove the backing sheet and affix the envelope to the package on the address side.

PS Form 2976-A, January 2004 Do not duplicate this form without USPS approval. Sender's Copy (Reverse)

**Important:** The sender's signature and date *must* be filled in on **all five** copies of the form before mailing.  
(The images above are not to scale.)

## Creating Your Own Labels

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### **PS Form 2976 (CN 22)**

The Customs Form CN 22 API generates a PDF, TIF, or GIF image of the Customs Form CN 22 as well as the instructions page. When certified by the USPS, you may create your own image using the information provided by the API. In order to meet the certification standards you must adhere to the following requirements.

When generating your own barcode, you must use the USS 128 barcode data format (incorporating a modulus 103 check digit).

If you request multiple labels, you must be sure to match up the right barcode number and place it on a label and package with the correct from and to address information used on the input request.

The sample labels shown in this guide are presented for use in designing your labels to meet USPS specifications. The labels should be printed on a self-adhesive label such that the portion of the form to be adhered to a package does not require tape for securing onto the package.

 LC 610 001 466 US	<h2 style="margin: 0;">LC 610 001 466 US</h2>																					
United States Postal Service® <b>Customs Declaration</b> May be opened officially. See Instructions on Reverse. Do not duplicate without USPS approval.	<b>Customs Declaration CN 22 — Sender's Declaration</b> I, the undersigned, whose name and address are given on the item, certify that the particulars given in this declaration are correct and that this item does not contain any dangerous article or articles prohibited by legislation or by postal or customs regulations. This copy will be retained at the post office for 30 days.																					
Cut <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents	Sender's Name & Address JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Quantity and detailed description of contents (1)</th> <th style="width: 10%;">Weight (2)</th> <th style="width: 10%;">Value (3)</th> </tr> <tr> <th></th> <th style="text-align: center;">lb. oz.</th> <th style="text-align: center;">(US \$)</th> </tr> </thead> <tbody> <tr> <td>1 Policy guidelines document</td> <td style="text-align: center;">1 5</td> <td style="text-align: center;">\$55.00</td> </tr> <tr> <td>500 Corporate Letterhead</td> <td style="text-align: center;">2</td> <td style="text-align: center;">\$37.00</td> </tr> <tr> <td colspan="2"><i>For commercial items only</i></td> <td><b>Total Value</b></td> </tr> <tr> <td><i>If known, HS tariff number (4) and country of origin of goods (5)</i></td> <td><b>Total Weight (6)</b></td> <td><b>(7) (US \$)</b></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>4 0</b></td> <td style="text-align: center;"><b>\$92.00</b></td> </tr> </tbody> </table>	Quantity and detailed description of contents (1)	Weight (2)	Value (3)		lb. oz.	(US \$)	1 Policy guidelines document	1 5	\$55.00	500 Corporate Letterhead	2	\$37.00	<i>For commercial items only</i>		<b>Total Value</b>	<i>If known, HS tariff number (4) and country of origin of goods (5)</i>	<b>Total Weight (6)</b>	<b>(7) (US \$)</b>		<b>4 0</b>	<b>\$92.00</b>	Addressee's Name & Address MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO
Quantity and detailed description of contents (1)	Weight (2)	Value (3)																				
	lb. oz.	(US \$)																				
1 Policy guidelines document	1 5	\$55.00																				
500 Corporate Letterhead	2	\$37.00																				
<i>For commercial items only</i>		<b>Total Value</b>																				
<i>If known, HS tariff number (4) and country of origin of goods (5)</i>	<b>Total Weight (6)</b>	<b>(7) (US \$)</b>																				
	<b>4 0</b>	<b>\$92.00</b>																				
I, the undersigned, whose name and address are given on the item, certify that the particulars given in this declaration are correct and that this item does not contain any dangerous article or articles prohibited by legislation or by postal or customs regulations. Date and sender's signature (8)	Date and sender's signature																					
PS Form 2976, January 2004	Detached from PS Form 2976, January 2004																					
Letter-Post	Post Office Copy																					



(The image above is approximate size.)

Instructions	CN 22
<p>If you do not wish to list the contents on the wrapper or in any case if the value of the contents is \$400 or over, affix only the upper portion of this label (cut on dotted line and discard lower portion) and complete a PS Form 2976-A, <i>Customs Declaration and Dispatch Note</i>. Enclose the completed PS Form 2976-A inside the item. You <b>must</b> give the sender's full name and address on the item.</p>	
<p>Commercial item means any goods exported/imported in the course of a business transaction, whether or not they are sold for money or exchanged.</p>	
<p>(1) Give a detailed description, in English, quantity and unit of measurement for each article, e.g. 2 men's cotton shirts, especially for articles subject to quarantine (plant, animal, food products, etc.).</p>	
<p>(2), (3), (6) and (7) Give the weight (in lb./oz) and value of each article (in US \$) and the total weight and value of the item.</p>	
<p>(4) and (5) For commercial items only. If known, HS tariff number (6-digit) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. Country of Origin means the country where the goods originated, e.g. were produced, manufactured or assembled. It is recommended you supply this information and attach an invoice to the outside to accelerate Customs clearance in processing the items.</p>	
<p>(8) Your signature and the date confirm your liability for the item.</p>	
<p>Detached from PS Form 2976, January 2004 (Reverse) Do not duplicate without USPS approval</p>	

(The image above is approximate size.)

## Customs Form CN 22 Requirements

### Fonts

While specific font sizes may be listed throughout these requirements, font support may vary significantly from printer to printer. In general, the font selection used should be OCR quality. Sans serif fonts are required. Helvetica or Arial font faces/families are highly recommended.

### Form Elements

The specific customs information that will be included on the form image consists of six significant sections. These sections are comprised of one or more elements see below:

 LC 610 001 466 US		<b>4</b> LC 610 001 466 US	
United States Postal Service® <b>Customs Declaration</b> <b>CN 22</b> May be opened officially See Instructions on Reverse Do not duplicate without USPS approval.		<b>Customs Declaration CN 22 — Sender's Declaration</b> I, the undersigned, whose name and address are given on the item, certify that the particulars given in this declaration are correct and that this item does not contain any dangerous article or articles prohibited by legislation or by postal or customs regulations. This copy will be retained at the post office for 30 days.	
Cut <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents		Sender's Name & Address JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA	
Quantity and detailed description of contents (1)	Weight (2) lb. oz.	Value (3) (US \$)	<b>1</b>
1 Policy guidelines document 500 Corporate Letterhead <b>2</b>	1 5 2	\$55.00 \$37.00	
For commercial items only If known, HS tariff number (4) and country of origin of goods (5)	Total Weight (6)	Total Value (7) (US \$)	<b>3</b>
	4 0	\$92.00	
I, the undersigned, whose name and address are given on the item, certify that the particulars given in this declaration are correct and that this item does not contain any dangerous article or articles prohibited by legislation or by postal or customs regulations.		Addressee's Name & Address MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO	
Date and sender's signature (8)		Date and sender's signature	
PS Form 2976, January 2004 <b>Letter-Post</b>		Detached from PS Form 2976, January 2004 <b>Post Office Copy</b>	

The overall size of the document must remain within +/- 0.125 inches of 7.5 inches wide by 4 inches tall (when oriented as above). In this space, the following text and sections must be present:

#### 1. Addressing

- Contents: Sender Address and Recipient Address
- Specifications: 12-point minimum, sans serif text (to and from addresses)

#### 2. Customs Information

- Contents: Itemized Content Detail
- Specifications: 12-point minimum, sans serif text (content detail, quantity, value, net wt.)

#### 3. Value, Weight, Tariff Number, and Country of Origin

- Contents: Tariff Number (optional), Country of Origin (optional), Total Value, and Gross Weight
- Specifications:
  - 14 point minimum, sans serif text (optional tariff no. and country of origin), total value, gross weight
  - 14 point minimum, bold sans serif text (total value)
  - 15 point minimum, bold sans serif text (gross weight)

#### 4. Human Readable Customs Barcode Number

- Contents: Human readable number must match number in Customs Barcode Section (below)
- Specifications: 18 point minimum, bold sans serif text. This representation of the barcode must be parsed in the format:  
XX 999 999 999 YY

#### 5. Customs Barcode Section:

- Contents: Code USS 128 AIMS barcode and human-readable text below barcode
- Specifications:
  - Standard Code USS 128 barcode symbology incorporating Modulus 103 check digit as follows:
    - Begin with the start code value
    - Sum the product of each character position (the most significant character position equals 1) and the character value of the character at that position
    - Divide sum by 103
    - The remainder is the value of the Check Character
  - Must meet Code USS 128 AIMS Specifications except as follows:
    - Minimum X - dimension = 0.010 inch
    - Minimum barcode height = 0.5 inch
  - The human-readable representation of the barcode (below barcode)
    - Must be parsed as follows: XX 999 999 999 YY
    - Minimum Space between barcode and human readable barcode = 0.032 inch
    - Minimum Height of the typeface used for human readable barcode = 0.065
    - Minimum Overall height of barcode and human readable barcode = 0.597

### **Instructions**

The overall size of the instructions form must remain within +/- 0.125 inches of 4.5 inches wide by 4 inches tall. In this space, the text must be rendered exactly as shown.

**General Label Scan Quality Specifications**

**Reflectance.** When measured in the red spectral range between 630 nanometers and 675 nanometers, the minimum white space reflectance (Rs) must be greater than 50%, and the maximum bar reflectance (Rb) must be less than 25%. The minimum print reflectance difference (Rs – Rb) is 40%. The measurements must be made using a USPS-specified reflectance meter or a USPS-approved barcode verifier.

(NOTE: Reflectance is often a reason for poor barcode readability when using thermal printers – the thermal paper is often at the upper limits of reflectance for barcode reading equipment)

**Barcode Quality.** At least 70% of the barcodes must measure American National Standards Institute (ANSI) grade A or B, and none of the remaining portion can measure lower than ANSI grade C.

Information concerning ANSI barcode guidelines are in standard X3.182, Bar Code Print Quality Guideline, and may be obtained from:

AMERICAN NATIONAL STANDARDS INSTITUTE  
 11 W 42ND ST  
 NEW YORK NY 10036-8002

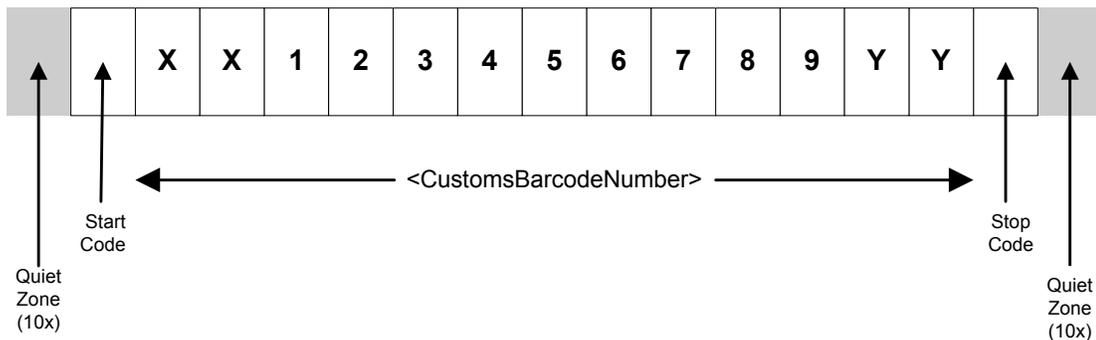
Telephone: 212-642-4900  
 Web site: <http://www.ansi.org/>

Written technology standards for the USS 128 barcode symbology can be obtained from:

AIM INC.  
 125 WARRENDALE BAYNE RD.  
 WARRENDALE PA 15086-7570

Telephone: 724-934-4470  
 Web site: <http://www.aimglobal.org/>

**Data Format USS 128**



## “Sample” Request Procedures

If you are planning on using the labels exactly as they are returned to you in your application, without making any changes (text, locations of objects, sizes, etc.) you do not need to send in sample labels and you need not read/complete this section of the guide.

If, however, you are planning on editing the label returned by this Web Tool API in any way, creating your own label using only the barcode number from this API, *or submitting test calls to the API*, you must submit these labels for certification. **Failure to do so may result in loss of access to this API.**

Steps for certification of labels:

If you are using only the barcode number from a Web Tools API to produce your own label in your shipping software or other application, you must follow these steps in order to have your labels certified by the USPS. For further information or for a more detailed process flow, please read the *Administrative Guide for Web Tools API's*.

1. Register for use of the USPS Web Tools at [www.usps.com/webtools](http://www.usps.com/webtools)
2. Gain access to the Production servers by carrying out testing and demonstrating your application's ability to properly communicate with the Web Tools servers.
3. Call the Internet Customer Care Center at 1-800-344-7779 (7:00AM to 11:00PM EST) to inform them that you intend to both print labels in conjunction with Web Tools use and that you intend to create your own custom labels using only the barcode supplied by the Web Tools API.
4. Print ten (10) different labels according to the following instructions and mail them to:

National Customer Support Center  
Attn: Barcode Certification – Web Tools (API)  
U.S. Postal Service  
6060 Primacy Pkwy, Suite 201  
Memphis, TN 38188-0001

See Appendix A for NCSC submission form.

You may wish to copy the code examples below and paste it into your test document. Remember, however, that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<FromName>Joe Smith</FromName>
```

In this instance, you will replace “Joe Smith” with the name of the person sending the package when making your request.

Refer to the *XML Tags and Values Allowed* section, above, to build your “Sample” request. When building the XML request, pay particular attention to the **order and case** for tags. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. ***The API will simply pass in the characters up to the maximum amount***

**allowed and disregard the rest.** This is important since the resulting value could prevent delivery.

The "Sample" XML request should be in the following form and sequence:

```
<CustomsCN22CertifyRequest USERID="MyID" PASSWORD="MyPassword">
  <Option></Option>
  <FromFirstName>From First</FromFirstName>
  <FromLastName>From Last</FromLastName>
  <FromFirm>From Firm</FromFirm>
  <FromAddress1>From Address 1</FromAddress1>
  <FromAddress2>6406 Ivy Lane</FromAddress2>
  <FromUrbanization>Urbanization</FromUrbanization>
  <FromCity>Greenbelt</FromCity>
  <FromState>MD</FromState>
  <FromZip5>20770</FromZip5>
  <FromZip4>1234</FromZip4>
  <FromPhone>3019187658</FromPhone>
  <ToAddress1>To Address 1</ToAddress1>
  <ToAddress2>To Address 2</ToAddress2>
  <>ToAddress3>To Address 3</ToAddress3>
  <ToAddress4>To Address 4</ToAddress4>
  <ToAddress5>To Address 5</ToAddress5>
  <ToAddress6>To Address 6</ToAddress6>
  <ToCountry>France</ToCountry>
  <ToAPOFPOZip5></ToAPOFPOZip5>
  <ToPhone>110984532054</ToPhone>
  <ToFax>110984301292</ToFax>
  <ToEmail>ToEmail@Company.com</ToEmail>
  <ShippingContents>
    <ItemDetail>
      <Description>Description 1</Description>
      <Quantity>1</Quantity>
      <Value>1</Value>
      <NetPounds>5</NetPounds>
      <NetOunces>0</NetOunces>
    </ItemDetail>
    <ItemDetail>
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      <Quantity>5</Quantity>
      <Value>17</Value>
      <NetPounds>2</NetPounds>
      <NetOunces>2</NetOunces>
    </ItemDetail>
  </ShippingContents>
  <GrossPounds>7</GrossPounds>
  <GrossOunces>2</GrossOunces>
  <ImageType>GIF</ImageType>
  <ContentType>Gift</ContentType>
  <HSTariffNumber></HSTariffNumber>
  <CountryOfOrigin></CountryOfOrigin>
  <CustomerRefNo>Ref1077</CustomerRefNo>
</CustomsCN22CertifyRequest>
```

If the labels you send in for certification fail, the NCSC will contact the person listed on the submission form directly. If the labels pass, the Internet Customer Care Center (ICCC) will

notify you. Upon receiving notification from the ICCC, you will be able to send XML transactions using your “live” data and receive “live” responses.

If there are further questions or concerns over the process or results, please contact the ICCC at 1-800-344-7779 (7:00AM to 11:00PM EST). Remember to never use the production server and “live” data to conduct testing. System testing may only be conducted using the <CustomsCN22CertifyRequest ...> tag.

## ***PS Form 2976-A (CP 72)***

The Customs Form CP 72 V2 API generates a PDF, TIF, or GIF image of copies 1, 2, 3, 4, and 5 of the Customs Form CP 72, as well as the instructions page. When certified by the USPS, you may create your own image using the information provided by the API. In order to meet the certification standards you must adhere to the following requirements.

When generating your own barcode, you must use the USS 128 barcode data format (incorporating a modulus 103 check digit).

If you request multiple forms, you must be sure to match up the right barcode number and place it on a label and package with the correct from and to address information used on the input request.

The sample forms shown in this guide are presented for use in designing your forms to meet USPS specifications. Form size: 8 1/8" X 6 3/8" – 6 1/2" and must fit in PS Form 2976-E, Customs Declaration Envelope CP 91.

The following images are approximate in size.

 CP 610 432 863 US		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>					
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA			Sender's Customs Reference (if any)	Insured Number V-12345678901		
				Insured Amount (US \$) 300.00	SDR Value 288.88		
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO			Importer's Reference - Optional (if any) (Tax code/ VAT no / Importer code)			
				Importer's Telephone/ Fax/ Email (if known)			
Detailed Description of Contents (1)		Qty. (2)	Net Weight (3) lb. oz.		Value (US \$) (5)	For Commercial Senders Only HS tariff number (7) Country of origin of goods (8)	
Policy guidelines document		1	1 lb	5 oz	\$55.00		
Corporate letterhead		500	2 lb		\$37.00		
Check One <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority		Total Gross Wt. (4) 4 lb 0 oz		Total Value (6) \$92.00	Postage and Fees (9) 65.32		
Check One (10) <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:				Sender's Instructions in Case of Nondelivery (16) Return to Sender - NOTE: Item subject to return charges at sender's expense.		Mailing Office Date Stamp (16)	
Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)							
License Number(s) (12)		Certificate Number(s) (13)		Invoice Number (14)			
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.		Date and sender's signature (15)					
PS Form 2976-A, January 2004		Do not duplicate this form without USPS approval.				1 - Customs Declaration	

		CP 610 432 863 US		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>						
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA			Sender's Customs Reference (if any)	Insured Number V-12345678901					
					Insured Amount (US \$) 300.00	SDR Value 288.88				
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO			Importer's Reference - Optional (if any) (Tax code/ VAT no / Importer code)						
				Importer's Telephone/ Fax/ Email (if known)						
Detailed Description of Contents (1)				Qty. (2)	Net Weight (3)		Value (US \$) (5)	For Commercial Senders Only		
					lb.	oz.		HS tariff number (7)	Country of origin of goods (8)	
Policy guidelines document				1	1 lb	5 oz	\$55.00			
Corporate letterhead				500	2 lb		\$37.00			
Check One <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority				Total Gross Wt. (4)		Total Value (6)		Postage and Fees (9)		
				4 lb 0 oz		\$92.00		65.32		
Check One (10) <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:				Sender's Instructions in Case of Nondelivery (16)			Mailing Office Date Stamp (16)			
Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)				Return to Sender - NOTE: Item subject to return charges at sender's expense.						
License Number(s) (12)		Certificate Number(s) (13)		Invoice Number (14)						
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.				Date and sender's signature (15)						
PS Form 2976-A, January 2004				Do not duplicate this form without USPS approval.				2 - Customs Declaration		

		CP 610 432 863 US		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>	
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA			Sender's Customs Reference ( <i>if any</i> )	Insured Number V-12345678901
				Insured Amount (US \$) 300.00	SDR Value 288.88
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO			Importer's Reference - Optional ( <i>if any</i> ) (Tax code/ VAT no / Importer code )	
				Importer's Telephone/ Fax/ Email ( <i>if known</i> )	
Office of Exchange		Customs Stamp		Please affix labels here when required	
		Customs Duty			
Check One <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority		Total Gross Wt. (4) 4 lb 0 oz		Total Value (6) \$92.00	Postage and Fees (9) 65.32
Check One (10) <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:		Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)		Sender's Instructions in Case of Nondelivery (16) Return to Sender - NOTE: Item subject to return charges at sender's expense.	
Declaration by ADDRESSEE I have received the parcel described on this note 		Date and addressee's signature		Mailing Office Date Stamp (16)	
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.		Date and sender's signature (15)			
PS Form 2976-A, January 2004		Do not duplicate this form without USPS approval.		3 - Dispatch Note	

		CP 610 432 863 US		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>						
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA			Sender's Customs Reference (if any)	Insured Number V-12345678901					
					Insured Amount (US \$) 300.00	SDR Value 288.88				
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO			Importer's Reference - Optional (if any) (Tax code/ VAT no / Importer code)						
				Importer's Telephone/ Fax/ Email (if known)						
Detailed Description of Contents (1)				Qty. (2)	Net Weight (3)		Value (US \$) (5)	For Commercial Senders Only		
					lb.	oz.		HS tariff number (7)	Country of origin of goods (8)	
Policy guidelines document				1	1 lb	5 oz	\$55.00			
Corporate letterhead				500	2 lb		\$37.00			
Check One <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority				Total Gross Wt. (4)		Total Value (6)		Postage and Fees (9)		
				4 lb 0 oz		\$92.00		65.32		
Check One (10) <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:				Sender's Instructions in Case of Nondelivery (16)			Mailing Office Date Stamp (16)			
Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)				Return to Sender - NOTE: Item subject to return charges at sender's expense.						
License Number(s) (12)		Certificate Number(s) (13)		Invoice Number (14)						
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.				Date and sender's signature (15)						
PS Form 2976-A, January 2004				Do not duplicate this form without USPS approval.				4 - Post Office Copy		

		CP 610 432 863 US		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>						
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA			Sender's Customs Reference (if any)	Insured Number V-12345678901					
					Insured Amount (US \$) 300.00	SDR Value 288.88				
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO			Importer's Reference - Optional (if any) (Tax code/ VAT no / Importer code)						
				Importer's Telephone/ Fax/ Email (if known)						
Detailed Description of Contents (1)				Qty. (2)	Net Weight (3)		Value (US \$) (5)	For Commercial Senders Only		
					lb.	oz.		HS tariff number (7)	Country of origin of goods (8)	
Policy guidelines document				1	1 lb	5 oz	\$55.00			
Corporate letterhead				500	2 lb		\$37.00			
Check One <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority				Total Gross Wt. (4)		Total Value (6)		Postage and Fees (9)		
				4 lb 0 oz		\$92.00		65.32		
Check One (10) <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:				Sender's Instructions in Case of Nondelivery (16)			Mailing Office Date Stamp			
Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)				Return to Sender - NOTE: Item subject to return charges at sender's expense.						
License Number(s) (12)		Certificate Number(s) (13)		Invoice Number (14)						
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.				Date and sender's signature (15)						
PS Form 2976-A, January 2004				Do not duplicate this form without USPS approval.				5 - Sender's Copy		

<b>Instructions</b>	Before completing this form, please read the following instructions carefully. NOTE: Your goods may be subject to restrictions.
<p>Complete this form in English. You may add a translation of the contents in a language accepted in the destination country.</p> <p>Complete in ink and press firmly so all information transfers to all copies.</p> <p>Complete the declaration fully and legibly; otherwise, delay and inconvenience may result for the addressee. A false or misleading declaration may lead to a fine or to seizure of the item.</p> <p>Your goods may be subject to restrictions. It is your responsibility to inquire into import and export regulations, restrictions such as quarantine, pharmaceutical restrictions, etc., and to find out what documents, if any (commercial invoice, certificate of origin, health certificate, license, authorization for goods subject to quarantine such as plant, animal, or food products, etc.), are required in the destination country.</p> <p>Commercial item means any goods exported/imported in the course of a business transaction, whether or not they are sold for money or exchanged.</p> <ol style="list-style-type: none"> <li>1. Enter a detailed description of each article — e.g., "men's cotton shirts." General descriptions — e.g., "samples, food products" — are not permitted.</li> <li>2. Enter the quantity of each article and the unit of measurement used.</li> <li>3. &amp; 4. Enter the net weight of each article in pounds and ounces. Enter the total weight of the package in pounds and ounces, including packaging, which corresponds to the weight used to calculate the postage.</li> <li>5. &amp; 6. Enter the value for each article and the total in US dollars.</li> <li>7. &amp; 8. <b>For commercial senders only:</b> If known, enter the 6-digit HS tariff number, which must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. "Country of Origin" means the country where the goods originated — e.g., were produced/manufactured or assembled. Senders of commercial items are advised to supply this information as it will assist Customs in processing the items.</li> <li>9. Postal clerk - enter the amount of postage and fees.</li> <li>10. Check the box specifying the category of the item.</li> <li>11. Provide details if the contents are subject to quarantine (plant, animal, food products, etc.) or other restrictions.</li> <li>12, 13, &amp; 14. If your item is accompanied by a license or a certificate, enter the number. You should enclose an invoice for all commercial items.</li> <li>15. Your signature and date confirm your liability for the item being mailed.</li> <li>16. Check box specifying instruction in case of nondelivery. Items returned to sender are subject to return charges at sender's expense.</li> </ol> <p>NOTE: Copy 4 of this form is filed at the Post Office for 30 days from the date of mailing.</p> <p>Insert the completed form into PS Form 2976-E, <i>Customs Declaration and Dispatch Note Envelope</i>. Enclose any commercial documents into the envelope. Do not fold form set or wrap around the package. The entire barcode and all information must be visible. Remove the backing sheet and affix the envelope to the package on the address side.</p>	
PS Form <b>2976-A</b> , January 2004	Do not duplicate this form without USPS approval.
Sender's Copy (Reverse)	

(The preceding six images are approximate in size.)

## Customs Form CP 72 Requirements

### Fonts

While specific font sizes may be listed throughout these requirements, font support may vary significantly from printer to printer. In general, the font selection used should be OCR quality. Sans serif fonts are required. Helvetica or Arial font faces/families are highly recommended.

### Form Elements

The CP 72 Customs Form consists of five copies of the form and an instructions page. The form copies, though similar, contain minor differences. When creating your own images for these forms they should be identical, or nearly identical, in design to the samples provided.

The specific customs information that will be included on the form image consists of twelve significant sections. These sections are comprised of one or more elements (see below):

Detailed Description of Contents (1)		Qty. (2)	Net Weight (3) lb. oz.		Value (US \$) (5)	For Commercial Senders Only HS tariff number (7)   Country of origin of goods (8)	
Policy guidelines document		1	1 lb	5 oz	\$55.00		
Corporate letterhead		500	2 lb		\$37.00		
Check One (6) <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority		Total Gross Wt. (4) 4 lb 0 oz		Total Value (8) (5)	8	Postage and Fees (9)	
Check One (7) <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other						Sender's Instructions in Case of Nondelivery (16)	
<input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:						Return to Sender - NOTE: Item subject to return charges at sender's expense.	
Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)						Mailing Office Date Stamp (16)	
License Number(s) (12) 9	Certificate Number(s) (13)	Invoice Number (14)					
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.		Date and sender's signature (15)		10		1	

		CP 610 432 863 US <b>12</b>		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>	
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA <b>2</b>			Sender's Customs Reference (# any)	Insured Number V-12345678901
				Insured Amount (US \$) 300.00	SDR Value 288.88
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO <b>3</b>			Importer's Reference - Optional (# any) (Tax code/ VAT no. / Importer code)	
				Importer's Telephone/ Fax/ Email (# known)	
Detailed Description of Contents (1)				Qty. (2)	Net Weight (3) lb. oz.
Policy guidelines document <b>5</b>				1	1 lb 5 oz
Corporate letterhead				500	2 lb
				Value (US \$) (5)	For Commercial Senders Only HS tariff number (7) Country of origin of goods (8)
				\$55.00	
				\$37.00	
Check On <b>6</b> <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority			Total Gross Wt. (4) 4 lb 0 oz	Total Value (6) <b>8</b> \$92.00	Postage and Fees (9) 65.32
Check On <b>7</b> <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:			Sender's Instructions in Case of Nondelivery (16)		
Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)			Return to Sender - NOTE: Item subject to return charges at sender's expense.		
License Number(s) (12) <b>9</b>		Certificate Number(s) (13)	Invoice Number (14)		
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.		Date and sender's signature (15)			Mailing Office Date Stamp (18) <b>1</b>
PS Form <b>2976-A</b> , January 2004		Do not duplicate this form without USPS approval.			2 - Customs Declaration

		CP 610 432 863 US <b>12</b>		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>	
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA <b>2</b>		Sender's Customs Reference (# any)	Insured Number V-12345678901	
				Insured Amount (US \$) 300.00	SDR Value 288.88
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO <b>3</b>		Importer's Reference - Optional (# any) (Tax code/ VAT no./ Importer code) <b>4</b>		
			Importer's Telephone/ Fax/ Email (# known)		
Office of Exchange		Customs Stamp	Please affix labels here when required		
		Customs Duty			
Check On <b>6</b> <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority		Total Gross Wt. (4) 4 lb 0 oz	Total Value (8) <b>8</b> \$92.00	Postage and Fees (9) 65.32	
Check On <b>7</b> <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:		Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)			Mailing Office Date Stamp (18)
Declaration by ADDRESSEE <b>9</b> I have received the parcel described on this note 		Date and addressee's signature			
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.		Date and sender's signature (15)			
PS Form 2976-A, January 2004		Do not duplicate this form without USPS approval.			<b>1</b> 3 - Dispatch Note

		CP 610 432 863 US <b>12</b>		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>			
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA <b>2</b>			Sender's Customs Reference (# any)	Insured Number V-12345678901		
				Insured Amount (US \$) 300.00	SDR Value 288.88		
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO <b>3</b>			Importer's Reference - Optional (# any) (Tax code/ VAT no. / Importer code) <b>4</b>			
				Importer's Telephone/ Fax/ Email (# known)			
Detailed Description of Contents (1)		Qty. (2)	Net Weight (3) lb. oz.		Value (US \$) (5)	For Commercial Senders Only HS tariff number (7) Country of origin of goods (8)	
Policy guidelines document		1	1 lb	5 oz	\$55.00		
Corporate letterhead		500	2 lb		\$37.00		
Check One <b>6</b> <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority			Total Gross Wt. (4) 4 lb 0 oz		Total Value (6) <b>8</b> \$92.00	Postage and Fees (9) 65.32	
Check One <b>7</b> <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:					Sender's Instructions in Case of Nondelivery (16) Return to Sender - NOTE: Item subject to return charges at sender's expense.		Mailing Office Date Stamp (18) <b>1</b>
Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)							
License Number(s) (12) <b>9</b>		Certificate Number(s) (13)		Invoice Number (14)			
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.		Date and sender's signature (15)		<b>10</b>			
PS Form <b>2976-A</b> , January 2004			Do not duplicate this form without USPS approval.			4 - Post Office Copy	

		CP 610 432 863 US <b>12</b>		<b>United States Postal Service</b> <b>e/ Customs Declaration and Dispatch Note — CP 72</b> <i>The item/parcel may be opened officially.</i>			
From	JOHN DOE 10 ELM STREET ANYTOWN ST 01234-5678 USA <b>2</b>			Sender's Customs Reference (# any)	Insured Number V-12345678901		
				Insured Amount (US \$) 300.00	SDR Value 288.88		
To	MS. C. P. APPLE APARTADO 3068 46807 PUERTO VALLARTA JALISCO MEXICO <b>3</b>			Importer's Reference - Optional (# any) (Tax code/ VAT no./ Importer code) <b>4</b>			
				Importer's Telephone/ Fax/ Email (# known)			
Detailed Description of Contents (1)		Qty. (2)	Net Weight (3) lb. oz.		Value (US \$) (5)	For Commercial Senders Only HS tariff number (7) Country of origin of goods (8)	
Policy guidelines document		1	1 lb	5 oz	\$55.00		
Corporate letterhead		500	2 lb		\$37.00		
Check One <b>6</b> <input checked="" type="checkbox"/> Airmail/ Priority <input type="checkbox"/> Surface/ Nonpriority			Total Gross Wt. (4) 4 lb 0 oz		Total Value (6) <b>8</b> \$92.00		Postage and Fees (9) 65.32
Check One <b>7</b> <input type="checkbox"/> Gift <input type="checkbox"/> Commercial sample <input type="checkbox"/> Other <input checked="" type="checkbox"/> Documents <input type="checkbox"/> Returned goods Explanation:					Sender's Instructions in Case of Nondelivery (18) Return to Sender - NOTE: Item subject to return charges at sender's expense.		Mailing Office Date Stamp (18) <b>1</b>
Comments (11) (e.g., goods subject to quarantine, sanitary/phytosanitary inspection, or other restrictions)							
License Number(s) (12) <b>9</b>		Certificate Number(s) (13)		Invoice Number (14)			
I certify that the particulars given in this customs declaration are correct and that this item does not contain any dangerous article prohibited by legislation or by postal or customs regulations.		Date and sender's signature (15)		<b>10</b>			
PS Form <b>2976-A</b> , January 2004			Do not duplicate this form without USPS approval.			5 - Sender's Copy	

(The images above are not to scale)

**1. Page Numbering**

- Contents: The number and name of the page.
- Specifications: 13-point minimum, sans serif text.

**2. From Addressing**

- Contents: Sender Address.
- Specifications: 13-point minimum, sans serif text.

**3. To Addressing**

- Contents: Recipient Address.
- Specifications: 13-point minimum, sans serif text.
- Layout: The last line of the address must be the country. The line above the country must contain the Postal Code and City/Province in that specific order.

**4. Sender's Customs Reference, Insured Number, Insured Amount, SDR Value, Importer's Reference, Importer's Telephone/Fax/Email**

- Contents: Sender's Customs Reference, Insured Number, Insured Amount, SDR Value, Importer's Reference, Importer's Telephone/Fax/Email.
- Specifications: 13-point minimum, sans serif text.

**5. Customs Information**

- Contents: Itemized Content Detail.
- Specifications: 14-point minimum, sans serif text (content detail, quantity, net wt., Value, HS tariff number, Country of origin of goods).

**6. Delivery Type**

- Contents: Sender's selection of the type of delivery
- Specifications:
  - Check box with indication of selection ("X" or "✓")
  - 10-point minimum, bold, sans serif text (indicating Airmail/Priority or Surface/Nonpriority)

**7. Package Contents**

- Contents: Sender's selection of the package contents
- Specifications – check box:
  - Check box with indication of selection ("X" or "✓")
  - 10 point minimum, bold, sans serif text (indicating Gift, Documents, Commercial Sample, Returned goods, Other)
- Specifications – Explanation:
  - Text description of contents when Other is selected
  - 11-point minimum, sans serif text (indicating package contents)

**8. Value, Weight, and Postage**

- Contents: Total Value, Postage and Gross Weight
- Specifications:
  - 14-point minimum, sans serif text

**9. Comments, License Number, Certificate Number, Invoice Number**

- Contents: comments, license numbers, certificate numbers, invoice numbers
- Specifications:
  - Text description of contents when Other is selected
  - 13-point minimum, sans serif text (indicating package contents)
  - License number, Certificate number, Invoice number do not appear on page 3

**10. Senders Instructions**

- Contents: Sender's nondelivery instructions
- Specifications:
  - 12-point minimum, sans serif text indicating (return to sender, abandon, or redirect with address)

**11. Customs Barcode Section (Form Copy1):**

- Contents: Code USS 128 AIMS barcode and human-readable text below barcode
- Specifications:
  - Standard Code USS 128 barcode symbology incorporating Modulus 103 check digit as follows:
    - Begin with the start code value
    - Sum the product of each character position (the most significant character position equals 1) and the character value of the character at that position
      - Divide sum by 103

- The remainder is the value of the Check Character-
- Must meet Code USS 128 AIMS Specifications except as follows:
  - Minimum X - dimension = 0.010 inch
  - Minimum barcode height = 0.500 inch
- The human-readable representation of the barcode (below barcode)
  - Must be parsed as follows: XX 999 999 999 YY
  - Space above the barcode = 0.1 inch
  - Minimum barcode height = 0.500 inch
  - Space between barcode and OCR character = 0.05 inch
  - OCR A Character = 0.065 inch
  - Total Height = 0.597 inch
  - OCR A number must be 10 character per inch

## 12. Customs Barcode Section (Form Copies 2, 3, 4, 5)

- Contents: Code USS 128 AIMS barcode and human-readable text right of barcode
- Specifications:
  - Standard Code U128 barcode symbology incorporating Modulus 103 weighted, divide/subtract remainder check digit as defined above.
  - Must meet Code U128 AIMS Specifications except as above.
  - The human-readable representation of the barcode:
    - Placement to right of actual barcode
    - 16-point minimum, sans serif text
    - Must be parsed as follows: XX 999 999 999 YY

### **Instructions**

The overall size of the instructions form should be 8 $\frac{1}{8}$ " X 6 $\frac{3}{8}$ " – 6 $\frac{1}{2}$ " and must fit in PS Form 2976-E, Customs Declaration Envelope CP 91. In this space, the text must be rendered exactly as shown.

### **General Label Scan Quality Specifications**

**Reflectance.** When measured in the red spectral range between 630 nanometers and 675 nanometers, the minimum white space reflectance (Rs) must be greater than 50%, and the maximum bar reflectance (Rb) must be less than 25%. The minimum print reflectance difference (Rs – Rb) is 40%. The measurements must be made using a USPS-specified reflectance meter or a USPS-approved barcode verifier.

(NOTE: Reflectance is often a reason for poor barcode readability when using thermal printers – the thermal paper is often at the upper limits of reflectance for barcode reading equipment)

**Barcode Quality.** At least 70% of the barcodes must measure American National Standards Institute (ANSI) grade A or B, and none of the remaining portion can measure lower than ANSI grade C.

Information concerning ANSI barcode guidelines are in standard X3.182, Bar Code Print Quality Guideline, and may be obtained from:

AMERICAN NATIONAL STANDARDS INSTITUTE  
11 W 42ND ST  
NEW YORK NY 10036-8002

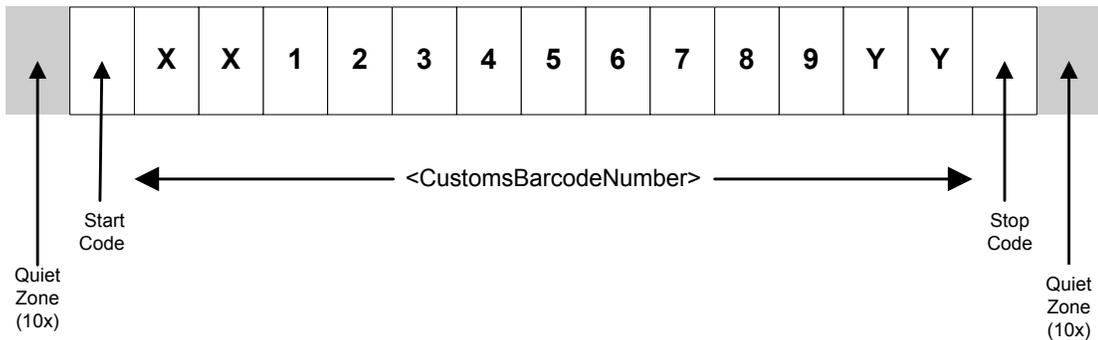
Telephone: 212-642-4900  
Web site: <http://www.ansi.org/>

Written technology standards for the USS 128 barcode symbology (see below) can be obtained from:

AIM, INC.  
125 WARRENDALE BAYNE RD.  
WARRENDALE PA 15086-7570

Telephone: 724-934-4470  
Web site: <http://www.aimglobal.org/>

### Data Format USS 128



### “Sample” Request Procedures

If you are planning on using the labels exactly as they are returned to you in your application, without making any changes (text, locations of objects, sizes, etc.) you do not need to send in sample labels and you need not read/complete this section of the guide.

If, however, you are planning on editing the label returned by this Web Tool API in any way, creating your own label using only the barcode number from this API, or *submitting test calls to the API*, you must submit these labels for certification. **Failure to do so may result in loss of access to this API.**

Steps for certification of labels:

If you are using only the barcode number from a Web Tools API to produce your own label in your shipping software or other application, you must follow these steps in order to have your labels certified by the USPS. For further information or for a more detailed process flow, please read the *Administrative Guide for Web Tools API's*.

1. Register for use of the USPS Web Tools at <http://www.usps.com/webtools/>

2. Gain access to the Production servers by carrying out testing and demonstrating your application's ability to properly communicate with the Web Tools servers.
3. Call the Internet Customer Care Center at 1-800-344-7779 (7:00AM to 11:00PM EST) to inform them that you intend to both print labels in conjunction with Web Tools use and that you intend to create your own custom labels using only the barcode supplied by the Web Tools API.
4. Print ten (10) different labels according to the following instructions and mail them to:

National Customer Support Center  
Attn: Barcode Certification – Web Tools (API)  
U.S. Postal Service  
6060 Primacy Pkwy, Suite 201  
Memphis, TN 38188-0001

See Appendix A for NCSC submission form.

You may wish to copy the code examples below and paste it into your test document. Remember, however, that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<FromName>Joe Smith</FromName>
```

In this instance, you will replace “Joe Smith” with the name of the person sending the package when making your request.

Refer to the *XML Tags and Values Allowed* section, above, to build your “Sample” request. When building the XML request, pay particular attention to the **order and case** for tags. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. **The API will simply pass in the characters up to the maximum amount allowed and disregard the rest.** This is important since the resulting value could prevent delivery. The “Sample” XML request should be in the following form and sequence:

```
<CustomsCP72V2CertifyRequest USERID="MyUserid" PASSWORD="MyPassword">  
  <Option/>  
  <FromFirstName>From First</FromFirstName>  
  <FromLastName>From Last</FromLastName>  
  <FromFirm>From Firm</FromFirm>  
  <FromAddress1>From Address 1</FromAddress1>  
  <FromAddress2>6406 Ivy Lane</FromAddress2>  
  <FromUrbanization>Urbanization</FromUrbanization>  
  <FromCity>Greenbelt</FromCity>  
  <FromState>MD</FromState>  
  <FromZip5>20770</FromZip5>  
  <FromZip4>1234</FromZip4>  
  <FromPhone>3019187658</FromPhone>  
  <FromCustomsReference>ABC-123</FromCustomsReference>  
  <ToAddress1>MS. C. P. APPLE</ToAddress1>  
  <ToAddress2>To Address 2</ToAddress2/>  
  <ToAddress3>APARTADO 3068</ToAddress3>  
  <ToAddress4>To Address 4</ToAddress4>
```

```
<ToPostalCode>46807</ToPostalCode>
<ToCity>PUERTO VALLARTA JALISCO</ToCity>
<ToCountry>MEXICO</ToCountry>
<ToAPOFPOZip5></ToAPOFPOZip5>
<ToPhone>110984532054</ToPhone>
<ToFax>110984532054</ToFax>
<ToEmail>ToEmail@Company.com</ToEmail>
<NonDeliveryOption>Redirect</NonDeliveryOption>
<AltReturnAddress1>MY Alternate Address1</AltReturnAddress1>
<AltReturnAddress2>MY Alternate Address2</AltReturnAddress2>
<AltReturnAddress3>MY Alternate Address3</AltReturnAddress3>
<AltReturnAddress4>MY Alternate Address4</AltReturnAddress4>
<AltReturnAddress5>MY Alternate Address5</AltReturnAddress5>
<AltReturnAddress6>MY Alternate Address6</AltReturnAddress6>
<AltReturnCountry>USA</AltReturnCountry>
<ShippingContents>
  <ItemDetail>
    <Description>Policy guidelines document</Description>
    <Quantity>1</Quantity>
    <Value>55.00</Value>
    <NetPounds>1</NetPounds>
    <NetOunces>5</NetOunces>
    <HSTariffNumber>123456</HSTariffNumber>
    <CountryOfOrigin>USA</CountryOfOrigin>
  </ItemDetail>
  <ItemDetail>
    <Description>Corporate Letterhead</Description>
    <Quantity>500</Quantity>
    <Value>37.00</Value>
    <NetPounds>2</NetPounds>
    <NetOunces>0</NetOunces>
    <HSTariffNumber/>
    <CountryOfOrigin/>
  </ItemDetail>
</ShippingContents>
<InsuredNumber>V-12324589765</InsuredNumber>
<InsuredAmount>100.00</InsuredAmount>
<SDRInsuredValue>222.34</SDRInsuredValue>
<Postage>65.32</Postage>
<GrossPounds>4</GrossPounds>
<GrossOunces>0</GrossOunces>
<DeliveryType>Surface</DeliveryType>
<ContentType>Documents</ContentType>
<ContentTypeOther/>
<LicenseNumber>LIC-1234567</LicenseNumber>
<CertificateNumber>CERT-USA-12345678</CertificateNumber>
<InvoiceNumber>INV-2004-04-04-12342</InvoiceNumber>
<ImageType>GIF</ImageType>
<CustomerRefNo>Ref1077</CustomerRefNo>
</CustomsCP72V2CertifyRequest>
```

If the forms you send in for certification fail, the NCSC will contact the person listed on the submission form directly. If the labels pass, the Internet Customer Care Center (ICCC) will notify you. Upon receiving notification from the ICCC, you will be able to send XML transactions using your “live” data and receive “live” responses.

If there are further questions or concerns over the process or results, please contact the ICCC at 1-800-344-7779 (7:00AM to 11:00PM EST. Remember to never use the production server and “live” data to conduct testing. System testing may only be conducted using the <CustomsCP72V2CertifyRequest ... >tag.

## Appendix A: NCSC Submission form

---

### National Customer Support Center Custom Web Tools Label Submission form *Submission of Customer Printed Labels for Label Certification*

**Ten labels must be submitted for label and barcode certification.**

Company Name/Customer Name:

---

Mailing Address:

---

City/State/ZIP+4:

---

Name of Contact:

---

Phone # of Contact:

FAX:

e-mail:

---

Web Tool, API User ID#:

---

Company Web site (URL), if any:

---

API Program Number: **805213907 (To be used by all customers)**

#### ***Instructions:***

With this form, submit **10** labels from the application used to print labels with barcodes.

Mail labels to: National Customer Support Center  
Attn: Barcode Certification - Web Tools (API)  
U.S. Postal Service  
6060 Primacy Pkwy, Suite 201  
Memphis, TN 38188-0001

Signature of Contact Person

Date

---

#### Instructions for National Customer Support Center:

Upon approval, notify the Internet Customer Care Center at (800) 344-7779 and provide customer's API User ID#.