Express Mail Label

API

USPS Web Tools™

Application Programming Interface

User's Guide

Document Version 3.3 (01/17/2016)

UNITED STATES POSTAL SERVICE ™

Contents

Introduction to Web Tools

This document contains a Reference Guide to the Priority Mail Express Label APIs. See the Developer's Guide to learn the administrative process for gaining access to the Web Tools APIs as well as the basic mechanism for calling the APIs and processing the results. The Developer's Guide also contains information on testing and trouble-shooting.

Note: The Request Parameter sections present the XML input tags for generating live requests along with 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 Web Tool 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 a correct response.

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. 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:

<ZipDestination>12345</ZipDestination>

In this instance, you will replace "12345" with the destination ZIP Code for the domestic-bound package.

Before you get started:

For information on registering and getting started with Web Tools, please refer to the Step-By-Step guide found on the Technical Documentation section of the Web Tools page on usps.com/webtools.

Label API access requires extra permissions; contact the Internet Customer Care Center uspstechnicalsupport@mailps.custhelp.com to request access. Indicate "Label API Access" in the subject line and explain in the body of the email:

1. How the shipper intends to purchase and apply postage to the labels
2. If the label image provided by the API will be modified in any way by the shipper or the software

1. USPS Priority Mail Express Label API

1.1. Overview

The Priority Mail Express Label API will let customers create Priority Mail Express Labels. Please note that the API labels are printed without postage. Postage must be purchased and applied separately.

1.2. API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=ExpressMailLabel	&XML=(see below)
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=ExpressMailLabelCertify	&XML=(see below)

Note: The "ExpressMailLabelCertify" API signature is for testing purposes and will not generate usable labels and barcodes.

2. Tag Descriptions

2.1.   Request Parameters

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest	required once	API=ExpressMailLabel	(group)	
ExpressMailLabelRequest / @USERID	required		NMTOKEN	
ExpressMailLabelRequest / Option	required once	For future use.	empty	
ExpressMailLabelRequest / Revision	optional	In this API use a value of **2** to trigger new functionality. For example: <Revision>2</Revision>	string	minLength=0 pattern=\d{1} pattern=
ExpressMailLabelRequest / EMCAAccount	required	For future use.	empty	
ExpressMailLabelRequest / EMCAPassword	required	For future use.	empty	
ExpressMailLabelRequest / ImageParameters	optional		(group)	
ExpressMailLabelRequest / ImageParameters / LabelSequence	Optional	To be used in the case of multiple packages. Not required if only one package.	string	minOccurs="0" maxOccurs="1"
ExpressMailLabelRequest / ImageParameters / LabelSequence /PackageNumber	Required if…	Required if Label Sequence is selected	integer	minInclusive value = "1" maxInclusive value = "999"

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / ImageParameters / LabelSequence/ TotalPackages	Required if…	Required if Label Sequence is selected	integer	minInclusive value = "1" maxInclusive value = "999"
ExpressMailLabelRequest / ImageParameters/ImageParameter	optional	Forces a Separate Continuation Page when the item count is greater than five. • SEPARATECONTINUEPAGE – will force the continuation page (if the item count causes the need for a continuation page) onto a separate page. For example: <ImageParameter> SEPARATECONTINUEPAGE </ImageParameter>	string	Enumeration= SEPARATECONTINUEPAGE
ExpressMailLabelRequest / FromFirstName	required once	Values for either First and Last Name of Recipient or Firm must be sent.	string	minLength=0 maxLength=50
ExpressMailLabelRequest / FromLastName	required once	Values for either First and Last Name of Sender or Firm must be sent. For example: <FromLastName>MARTIAN</FromLastName>	string	minLength=0 maxLength=50
ExpressMailLabelRequest / FromFirm	required once	Values for either First and Last Name of Sender or Firm must be sent. For example: <FromFirm>USPS</FromFirm>	string	minLength=0 maxLength=50
ExpressMailLabelRequest / FromAddress1	required once	From address line 1. Use this tag for an apartment or suite number. For example: <FromAddress1>STE 150</FromAddress1>	string	minLength=0 maxLength=50
ExpressMailLabelRequest / FromAddress2	required once	From address line 2. For example: <FromAddress2>6600 ROCKLEDGE DR</FromAddress2>	string	minLength=1 maxLength=50
ExpressMailLabelRequest / FromCity	required once	From city. For example: <FromCity>BETHESDA</FromCity>	string	minLength=1 maxLength=28

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / FromState	required once	From state. For example: <FromState>MD</FromState>	string	minLength=2 maxLength=2
ExpressMailLabelRequest / FromZip5	required once	From ZIP code. For example: <FromZip5>20212</FromZip5>	string	pattern=\d{5}
ExpressMailLabelRequest / FromZip4	required once	From ZIP+4 extension. For example: <FromZip4/>	string	minLength=0 pattern=\d{4} pattern=
ExpressMailLabelRequest / FromPhone	required once	From Phone #. 10 digits required (including area code), with no punctuation. For example: <FromPhone>2125551234</FromPhone>	string	pattern=\d{10}
ExpressMailLabelRequest / ToFirstName	required once	Values for either First and Last Name of Recipient or Firm must be sent. For example: <ToFirstName>Adam</ToFirstName>	string	minLength=0 maxLength=50
ExpressMailLabelRequest / ToLastName	required once	Values for either First and Last Name of Recipient or Firm must be sent. For example: <ToLastName>Smith</ToLastName>	string	minLength=0 maxLength=50
ExpressMailLabelRequest / ToFirm	required once	Values for either First and Last Name of Recipient or Firm must be sent. For example: <ToFirm>ABC CORPORATION</ToFirm>	string	minLength=0 maxLength=50
ExpressMailLabelRequest / ToAddress1	required once	Recipient address line 1. Use this tag for an apartment or suite number. For example: <ToAddress1/>	string	minLength=0 maxLength=50
ExpressMailLabelRequest / ToAddress2	required once	Recipient address line 2. Must be a valid address. For example: <ToAddress2>1234 MAIN ST</ToAddress2>	string	minLength=1 maxLength=50

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Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / ToCity	required once	Recipient city. Unless declined using the <StandardizeAddress> tag the API will cleanse (check) the address using USPS databases. Values for either To City and To State or Zip 5 must be sent. For example: <ToCity>ANYTOWN</ToCity>	string	minLength=0 maxLength=28
ExpressMailLabelRequest / ToState	required once	Recipient state. Unless declined using the <StandardizeAddress> tag the API will cleanse (check) the address using USPS databases. Values for either To City and To State or Zip 5 must be sent. For example: <ToState>MN</ToState>	string	minLength=0 pattern=\w{2}
ExpressMailLabelRequest / ToZip5	required once	Recipient ZIP code. Must be a valid ZIP code. Unless declined using the <StandardizeAddress> tag the API will cleanse (check) the address using USPS databases. Values for either To City and To State or Zip 5 must be sent. For example: <ToZip5>12345</ToZip5>	string	minLength=0 pattern=\d{5}
ExpressMailLabelRequest / ToZip4	required once	Recipient ZIP+4 extension. For example: <ToZip4/>	string	minLength=0 pattern=\d{4}
ExpressMailLabelRequest / ToPOBoxFlag	optional	Indicates if the destination address is a PO Box. For example: <ToPOBoxFlag>True</ToPOBoxFlag>	boolean	default=false
ExpressMailLabelRequest / ToPhone	required once	Recipient Phone #. If value is entered, 10 digits required (including area code), with no punctuation. For example: <ToPhone>2125551234 </ToPhone>	string	pattern=\d{10}

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / ToContactPreference	Optional	This indicates how the recipient will be notified that the package is available for pickup. Specify WAIVED if notification is not desired. For example: <ToContactPreference>EMAIL</ToContactPreference>	string	whiteSpace=collapse enumeration=EMAIL enumeration=SMS enumeration=EMAILSMS enumeration=WAIVED
ExpressMailLabelRequest / ToContactMessaging	Optional	This contains the email address or the text messaging address or is blank depending on the ToContactPreference tag. If the EMAIL or SMS enumeration is used in ToContactPreference, this value must be a syntactically-valid e-mail address. If WAIVED is used, this value must be blank. For example: <ToContactMessaging>user@anydomain.gov</ToContactMessaging>	string	maxLength=64 whiteSpace=collapse pattern=\w{0} pattern=([\w_\-\.]+)@(([\w-]+\.)+)[a-zA-Z]{2,4}
ExpressMailLabelRequest / ToContactEmail	Optional	E-mail address of recipient. Valid e-mail addresses must be used. Note: No e-mail is returned when generating a Sample Label request. For example: <ToContactEMail>John.Smith@abc.com</ToContactEMail>	string	minLength=0 pattern=([\w\-\.]+)@(([\w-]+\.)+)[a-zA-Z]{2,4}
ExpressMailLabelRequest / WeightInOunces	required once	Package weight. Items must weigh 70 pounds or less. For example: <WeightInOunces>80</WeightInOunces>	string	pattern=\d{0,4}
ExpressMailLabelRequest / ShipDate	optional	Deprecated. See "LabelDate" tag.	string	pattern=\d{1,2}/\d{1,2}/\d\d(\d\d)?
ExpressMailLabelRequest / FlatRate	optional	Deprecated. See "Container" tag.	boolean	default=false
ExpressMailLabelRequest / SundayHolidayDelivery	optional	Guaranteed Sunday/Holiday Delivery. When true the label contains special banners and the postage on the label and in the response includes the premium. For example: <SundayHolidayDelivery/>	boolean	default=false

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelReq uest / StandardizeAddress	optional	Delivery Address Cleansed. Enter "true" if you want the API to check the address for accuracy or "false" if you do not. Parcels with non-standardized addresses run the risk of being undeliverable. For example: <StandardizeAddress/>	boolean	default=true
ExpressMailLabelReq uest / WaiverOfSignature	optional	No Signature Required for Delivery. Enter "true" if you do not want a signature for receipt of the package or "false" if you do. For example: <WaiverOfSignature/>	boolean	default=true
ExpressMailLabelReq uest / CarrierRelease	optional	For future use.	boolean	minOccurs="0"
ExpressMailLabelReq uest / NoHoliday	optional	Deprecated. See "SundayHolidayDelivery" tag.	boolean	default=false
ExpressMailLabelReq uest / NoWeekend	optional	No Saturday Delivery. Enter "true" if you do not want the package delivered on Saturday or "false" if you do.	boolean	default=false
ExpressMailLabelReq uest / SeparateReceiptPage	optional	Label & Customer Online Record Printed on two separate pages. Enter "true" if you want the shipping label and online customer record printed on two separate pages or "false" if you want them printed on the same single page. For example: <SeparateReceiptPage>true</SeparateRe ceiptPage>	boolean	default=false
ExpressMailLabelReq uest / POZipCode	required once	ZIP Code of Post Office or collection box where item is mailed. May be different than From ZIP Code. For example: <POZipCode/>	string	minLength=0 pattern=\d{5}
ExpressMailLabelReq uest / FacilityType	optional	Has values: "DDU", "SCF", "BMC", "ADC", "ASF". Optional, but cannot be left blank if specified. For example: <FacilityType>DDU</FacilityType>	string	enumeration=DDU enumeration=SCF enumeration=BMC enumeration=ADC enumeration=ASF

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / ImageType	required once	Label Image Type. For example: <ImageType>PDF</ImageType>	string	enumeration=PDF enumeration=TIF enumeration=None
ExpressMailLabelRequest / LabelDate	optional	Date Package Will Be Mailed. Ship date may be today plus 0 to 3 days in advance. Enter the date in either format: dd-mmm-yyyy, such as 14-Feb-2011, or mm/dd/yyyy, such as 02/14/2011. For example: <LabelDate/>	string	minLength=0 pattern=\d{1,2}/\d{1,2}/\d\d(\d\d)?
ExpressMailLabelRequest / LabelTime	optional	Time Package Will Be Mailed. Time may be midnight (00:00) to 23:59. Enter the time in the format: HH:MM such as 13:30. For example: <LabelTime>15:00</LabelTime>	string	minLength=0 pattern=\d{1,2}/:\d{2} pattern=\d{0}
ExpressMailLabelRequest / CustomerRefNo	optional	User-assigned Number for Internal Use. For example: <CustomerRefNo>XYZ-123</CustomerRefNo>	string	minLength=0 maxLength=30
ExpressMailLabelRequest / SenderName	optional	Name of E-mail Sender. For example: <SenderName>C. P. Apple</SenderName>	string	minLength=0
ExpressMailLabelRequest / SenderEMail	optional	E-mail Address of Sender. Valid e-mail addresses must be used. For example: <SenderEMail>cpapple@email.com</SenderEMail>	string	minLength=0 pattern=([\w\-\.]+)@(([\w-]+\.)+)[a-zA-Z]{2,4}
ExpressMailLabelRequest / RecipientName	optional	Name of E-mail Recipient For example: <RecipientName/>	string	minLength=0
ExpressMailLabelRequest / RecipientEMail	optional	E-mail Address of Recipient. Valid e-mail addresses must be used. For example: <RecipientEMail></RecipientEMail>	string	minLength=0 pattern=([\w\-\.]+)@(([\w-]+\.)+)[a-zA-Z]{2,4}
ExpressMailLabelRequest / HoldForManifest	optional	Restricted use. Holds manifest record for possible inclusion in SCAN request.	string	enumeration=Y enumeration=N

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / CommercialPrice	optional	Indicates if commercial-base price should be returned. For commercial-base price eligibility, please reference the Domestic Mail Manual at http://pe.usps.com/. For example: <CommercialPrice>False </CommercialPrice>	boolean	default=false
ExpressMailLabelRequest / InsuredAmount	optional	Use this tag for entering an insurance amount, if applicable. For example: <InsuredAmount>100.00</InsuredAmount>	decimal	default=0 minInclusive=0 maxInclusive=9999.99 totalDigits=8 whiteSpace=collapse
ExpressMailLabelRequest / Container	optional	Use to specify special containers or container attributes that may affect postage; otherwise leave blank. Required when <Revision>='2'. **Note**: RECTANGULAR or NONRECTANGULAR must be indicated when <Size>LARGE</Size>. For example: <Container>FLAT RATE ENVELOPE</Container>	string	whiteSpace=collapse enumeration= • VARIABLE • RECTANGULAR • NONRECTANGULAR • FLAT RATE ENVELOPE • LEGAL FLAT RATE ENVELOPE • PADDED FLAT RATE ENVELOPE
ExpressMailLabelRequest / Size	optional	Required when <Revision>='2'. Defined as follows: REGULAR: all package dimensions are under 12''; LARGE: any package dimension is greater than 12'' For example: <Size>REGULAR</Size>	string	whiteSpace=collapse enumeration=LARGE enumeration=REGULAR
ExpressMailLabelRequest / Width	optional	Value must be numeric. Units are inches. Required when Size is LARGE. For example: <Width>5.5</Width>	decimal	minExclusive=0.0 totalDigits=10
ExpressMailLabelRequest / Length	optional	Value must be numeric. Units are inches. Required when Size is LARGE. For example: <Length>11</Length>	decimal	minExclusive=0.0 totalDigits=10

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Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / Height	optional	Value must be numeric. Units are inches. Required when Size is LARGE. For example: \<Height>11\</Height>	decimal	minExclusive=0.0 totalDigits=10
ExpressMailLabelRequest / Girth	optional	Value must be numeric. Units are inches. Girth is only required when Container = 'NONRECTANGULAR' and Size='LARGE'. For example: \<Girth>41\</Girth>	decimal	minExclusive=0.0 totalDigits=10
ExpressMailLabelRequest / NineDigitRoutingZip	optional	Indicates if an IMPB barcode format is desired. "True" returns an IMPB barcode with a nine digit routing zip code, and "false" returns and IMPB barcode with a five digit routing zip code. For example: \<NineDigitRoutingZip>true\</NineDigitRoutingZip>	boolean	default=false
ExpressMailLabelRequest / ExtraServices	optional	Groups extra services elements	(group)	
ExpressMailLabelRequest / ExtraServices / ExtraService	optional, repeating up to unbounded times	Use to specify extra services. Currently available services are: 	Service Name	ServiceID
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Adult Signature	119
Adult Signature Restricted Delivery	120
10:30 AM Delivery (PME)	161
Insurance Restricted Delivery (PME)	178	 For example: \<ExtraService>119\</ExtraService>	string	enumeration=119 enumeration=120 enumeration=161 enumeration=178
ExpressMailLabelRequest / ReturnCommitments	optional	Indicates if commitment information should be returned. For example: \<ReturnCommitments>True\</ReturnCommitments>	boolean	default=false
ExpressMailLabelRequest / Content	optional	Groups Content elements when a special Content is included in the shipment.	(group)	

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / Content / ContentType	required once – if content included	Use to specify ContentType. Available types are: **ContentType** HAZMAT CrematedRemains Lives Perishable Fragile Required if LIVES. Example: < ContentType >Lives</ ContentType > **Note:** USPS-produced packaging, including Flat Rate and Regional Rate, cannot be used to ship live animals. Error response will be returned.	string	Enumeration= HAZMAT CrematedRemains Lives Perishable Fragile
ExpressMailLabelRequest / Content / ContentDescriptor	Optional	Description of contents. Required for ContentType of LIVES For example: <ContentDescriptor>Bees</ContentDescriptor>	string	enumeration= Bees DayOldPoultry AdultBirds Other

2.1.1. Customs forms and data requirements
for shipping to/from Military and Diplomatic (APO/FPO/DPO) and US Possessions, Territories and Freely Associated States (PTFAS) shipping.

Please see the below "CustomsContentType" tag for specific customs forms, data requirements and logic

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / ShippingContents	required once or optional	Required only if a customs form is required based on Customs Content Type and Weight.		(group)
ExpressMailLabelRequest / ShippingContents / ItemDetail	required once repeating up to 30 times or optional	required once repeating up to 30 times if generating an Integrated Customs Form, otherwise not required		(group)

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Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / ShippingContents / ItemDetail /Description	Optional /required	Description of the item. Required only if a customs form is required based on Customs Content Type and Weight. For example: <Description>Policy guidelines document</Description>	string	minLength=1 maxLength=256
ExpressMailLabelRequest / ShippingContents / ItemDetail /Quantity	Optional /required	Quantity of the item. Integer value required. Required only if a customs form is required based on Customs Content Type and Weight. For example: <Quantity>1</Quantity>	integer	whitespace=collapse maxInclusive value=9999
ExpressMailLabelRequest / ShippingContents / ItemDetail / Value	Optional /required	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. Required only if a customs form is required based on Customs Content Type and Weight. For example: <Value>55.00</Value>	decimal	minExclusive value=0 totalDigits value=8 maxInclusive value=99999.99
ExpressMailLabelRequest / ShippingContents / ItemDetail / NetPounds	optional/ required	Provide the pounds OR ounces component of the weight of the individual item listed with <Description> when a customs form is required based on Customs Content Type and Weight. For example: <NetPounds>1</NetPounds>	integer	totalDigits value=2 minInclusive value=0 maxInclusive value=70
ExpressMailLabelRequest / ShippingContents / ItemDetail / NetOunces	optional/ required	Provide the ounces OR pounds component of the weight of the individual item listed with <Description> when a customs form is required based on Customs Content Type and Weight. For example: <NetOunces>5</NetOunces>	decimal	totalDigits value=5 minInclusive value=0 maxInclusive value=1120

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / ShippingContents / ItemDetail / HSTariffNumber	optional	For commercial items only. If known, the HS tariff number must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. For example: <HSTariffNumber>490110</HSTariffNumber>	string	minLength=0 maxLength=12
ExpressMailLabelRequest / ShippingContents / ItemDetail / CountryofOrigin	optional	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. The country name entered must match an entry from the USPS-approved International Index of Countries (see http://pe.usps.com/text/imm/immctry.htm) and Localities or be "United States". For example: <CountryOfOrigin>United States</CountryOfOrigin>	string	minLength=0 maxLength=100
ExpressMailLabelRequest / ToPhone	optional	10 digits required (including area code), with no punctuation. Use format: 2125551234 For example: <ToPhone>5555555555</ToPhone>	string	minOccurs=0 whiteSpace=collapse length=10 pattern=\d{10}
ExpressMailLabelRequest / FromPhone	optional	10 digits required (including area code), with no punctuation. Use format: 2125551234 For example: <FromPhone>5555555555</FromPhone>	string	minOccurs=0 whiteSpace=collapse length=10 pattern=\d{10}
ExpressMailLabelRequest / SenderMID	optional	Mailer Identification Number. The MID is a six- or nine-digit number.	string	minOccurs=0 minLength=6 maxLength=9

Tag Name	Occurs	Description	Type	Validation

ExpressMailLabelRequest / CustomsContentType	Required	Specifies the content of the package or envelope.
		
		For example: <ContentType>DOCUMENTS</ContentType>
		
		When sending TO or FROM an APO/FPO/DPO or PTFAS, additional Customs information is required. This requirement is triggered when
		
		• The "eVSRequest/ ToState" is an APO/FPO/DPO or PTFAS
		• The "eVSRequest/POZipCode" is specified and is an APO/FPO/DPO or PTFAS
		• The "eVSRequest/POZipCode" is NOT specified and The "eVSRequest/ FromState" is an APO/FPO/DPO or PTFAS
		
		When one of the above conditions occurs, The Customs Content Type tag is required. If the Content Type is "DOCUMENTS" and the "WeightInOunces" is specified and is less than 16 oz. no additional Customs tags are required from this section.
			String	minOccurs=0
				
				enumeration=
				    MERCHANDISE
				    GIFT
				    DOCUMENTS
				    SAMPLE
				    RETURN
				    OTHER
				    HUMANITARIAN
				    DANGEROUSGOODS

ExpressMailLabelRequest / ContentComments	optional	Enter any comments. For example: <Comments></Comments>	string	minOccurs=0

ExpressMailLabelRequest / RestrictionType	optional	Restriction Types	string	minOccurs=0
				
				Enumeration=
				    Quarantine
				    Sanitary Inspection
				    Phytosanitary Inspection
				    Other

ExpressMailLabelRequest / RestrictionComments	Optional	Restriction Comments. Required when <RestrictionType>="Other"	string	minOccurs=0

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Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelReq uest / AESITN	optional	AES/TN Exemption is a code that indicates the reason why you did not need to file electronic export information	string	minOccurs=0
ExpressMailLabelReq uest / ImportersReference	optional	*Use tag when ServiceType is equal to Priority* Importers Reference. The Importer's Reference might be a tax code, importer code, or VAT number used for sales tax	string	minOccurs=0
ExpressMailLabelReq uest / ImportersContact	optional	*Use tag when ServiceType is equal to Priority* Importers Contact. Enter, if known, the Importer's telephone number, fax number, or email address, as such information might facilitate customs clearance or delivery.	string	minOccurs=0
ExpressMailLabelReq uest / ExportersReference	optional	*Use tag when ServiceType is equal to Priority* Exporters Reference. The Exporter's Reference might be a tax code, importer code, or VAT number used for sales tax	string	minOccurs=0
ExpressMailLabelReq uest / ExportersContact	optional	*Use tag when ServiceType is equal to Priority* Exporters Contact. Enter, if known, the Exporter's telephone number, fax number, or email address, as such information might facilitate customs clearance or delivery.	string	minOccurs=0
ExpressMailLabelReq uest / InvoiceNumber	optional	*Use tag when ServiceType is equal to Priority* Invoice Number	string	minOccurs=0
ExpressMailLabelReq uest / LicenseNumber	optional	*Use tag when ServiceType is equal to Priority* License Number	string	minOccurs=0
ExpressMailLabelReq uest / CertificateNumber	optional	*Use tag – when ServiceType is equal to Priority* Certificate Number	string	minOccurs=0

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / NonDeliveryOption	optional	In case package is undeliverable, enter one of the following: "RETURN" for package to be returned to <FromAddress> above. "REDIRECT" to return package to address specified in the below tags. "ABANDON" to dispose of undeliverable package. For example: <NonDeliveryOption>RETURN</NonDeliveryOption>	string	enumeration=RETURN enumeration=REDIRECT enumeration=ABANDON
ExpressMailLabelRequest / AltReturnAddress1	optional	Required if *NonDeliveryOption* tag=REDIRECT. Suggested use of this tag is for an apartment or suite number. For example: <AltReturnAddress1>Apt 1</AltReturnAddress1> Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <Container> specified is a flat rate envelope or small flat rate box variation.	string	minOccurs=0

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / AltReturnAddress2	optional	*Required if NonDeliveryOption tag=REDIRECT.* Suggested use of this tag is the Recipient address line 2. Must be a valid address. For example: <AltReturnAddress2>123 Main Ave </ AltReturnAddress2> Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <Container> specified is a flat rate envelope or small flat rate box variation.	string	minOccurs=0
ExpressMailLabelRequest / AltReturnAddress3	optional	*Required if NonDeliveryOption tag=REDIRECT.* Suggested use of this tag is the Recipient city. Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when <Container> specified is a flat rate envelope or small flat rate box variation.	string	minOccurs=0

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelRequest / AltReturnAddress4	optional	*Required if NonDeliveryOption tag=REDIRECT.* Suggested use of this tag is the Recipient state. Use 2-letter USPS abbreviation. Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when \<Container> specified is a flat rate envelope or small flat rate box variation.	string	minOccurs=0
ExpressMailLabelRequest / AltReturnAddress5	optional	*Required if NonDeliveryOption tag=REDIRECT.* Suggested use of this tag is the recipient ZIP code. Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when \<Container> specified is a flat rate envelope or small flat rate box variation.	string	minOccurs=0
ExpressMailLabelRequest / AltReturnAddress6	optional	*Required if NonDeliveryOption tag=REDIRECT.* Suggested use of this tag is the recipient ZIP+4 extension Note: 1. Six AltReturn Address lines are provided but only one line is required. Use as many as needed for complete address. 2. Requirement ignored when \<Container> specified is a flat rate envelope or small flat rate box variation.	string	minOccurs=0

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelReq uest / AltReturnCountry	optional	*Required if NonDeliveryOption tag=REDIRECT.* Country. Tag must equal United States for this API.	string	minOccurs=0
ExpressMailLabelReq uest	required once		(alias)	

2.2.   Sample Request

```
Test XML Request - Standard without generating Military / PTFAS Integrated Customs Form:
https://production.shippingapis.com/ShippingAPITest.dll?API=ExpressMailLabelRequest2&XML<ExpressMail
LabelCertifyRequest  USERID="XXXXXX">
<Option/>
  <Revision>2</Revision>
  <EMCAAccount/>
  <EMCAPassword/>
  <ImageParameters>
    <LabelSequence>
      <PackageNumber>2</PackageNumber>
      <TotalPackages>3</TotalPackages>
    </LabelSequence>
  </ImageParameters>
  <FromFirstName>Bill</FromFirstName>
  <FromLastName>Strong</FromLastName>
  <FromFirm/>
  <FromAddress1></FromAddress1>
  <FromAddress2>6406 Ivy Lane</FromAddress2>
  <FromCity>Greenbelt</FromCity>
  <FromState>MD</FromState>
  <FromZip5>20770</FromZip5>
  <FromZip4></FromZip4>
  <FromPhone>3015551212</FromPhone>
  <ToFirstName>John</ToFirstName>
  <ToLastName>Doe</ToLastName>
  <ToFirm/>
  <ToAddress1>404f</ToAddress1>
  <ToAddress2>3900 Connecticut Ave</ToAddress2>
  <ToCity>Washington</ToCity>
  <ToState>DC</ToState>
  <ToZip5></ToZip5>
  <ToZip4></ToZip4>
  <ToPhone>2025551212</ToPhone>
  <WeightInOunces>55</WeightInOunces>
  <FlatRate></FlatRate>
  <WaiverOfSignature>TRUE</WaiverOfSignature>
  <SeparateReceiptPage></SeparateReceiptPage>
  <POZipCode/>
  <ImageType>GIF</ImageType>
  <HoldForManifest>n</HoldForManifest>
  <CommercialPrice>True</CommercialPrice>
  <InsuredAmount></InsuredAmount>
  <Container>FLAT RATE ENVELOPE</Container>
  <Size>REGULAR</Size>
```

```
  <NineDigitRoutingZip>True</NineDigitRoutingZip>
  <ExtraServices>
    <ExtraService>ADULTRESTRICTED</ExtraService>
  </ExtraServices>
  <ReturnCommitments>true</ReturnCommitments>
  </ExpressMailLabelCertifyRequest>
```

Test XML Request – and creating a Military / PTFAS Integrated Customs Form:
```
https://production.shippingapis.com/ShippingAPITest.dll?API=ExpressMailLabelRequest2&XML<ExpressMail
LabelCertifyRequest  USERID="XXXXXX">
<Option/>
  <Revision>2</Revision>
  <EMCAAccount/>
  <EMCAPassword/>
  <ImageParameters>
    <LabelSequence>
      <PackageNumber>2</PackageNumber>
      <TotalPackages>3</TotalPackages>
    </LabelSequence>
  </ImageParameters>
  <FromFirstName>Bill</FromFirstName>
  <FromLastName>Strong</FromLastName>
  <FromFirm/>
  <FromAddress1></FromAddress1>
  <FromAddress2>6406 Ivy Lane</FromAddress2>
  <FromCity>Greenbelt</FromCity>
  <FromState>MD</FromState>
  <FromZip5>20770</FromZip5>
  <FromZip4></FromZip4>
  <FromPhone>3015551212</FromPhone>
  <ToFirstName>John</ToFirstName>
  <ToLastName>Doe</ToLastName>
  <ToFirm/>
  <ToAddress1>404f</ToAddress1>
  <ToAddress2>3900 Connecticut Ave</ToAddress2>
  <ToCity>Washington</ToCity>
  <ToState>DC</ToState>
  <ToZip5></ToZip5>
  <ToZip4></ToZip4>
  <ToPhone>2025551212</ToPhone>
  <WeightInOunces>12</WeightInOunces>
  <FlatRate></FlatRate>
  <WaiverOfSignature>TRUE</WaiverOfSignature>
  <SeparateReceiptPage></SeparateReceiptPage>
  <POZipCode/>
  <ImageType>TIF</ImageType>
  <LabelDate></LabelDate>
  <HoldForManifest>n</HoldForManifest>
  <CommercialPrice>True</CommercialPrice>
  <InsuredAmount>1000</InsuredAmount>
  <Container>VARIABLE</Container>
  <Size>REGULAR</Size>
  <Width>1</Width>
  <Length>1</Length>
  <Height>1</Height>
  <Girth></Girth>
  <NineDigitRoutingZip>True</NineDigitRoutingZip>
  <ExtraServices>
    <ExtraService></ExtraService>
  </ExtraServices>
  <ReturnCommitments>true</ReturnCommitments>
```

```
  <ShippingContents>
    <ItemDetail>
      <Description>Description 1</Description>
      <Quantity>9999</Quantity>
      <Value>1.11</Value>
      <NetPounds></NetPounds>
      <NetOunces>1</NetOunces>
      <HSTariffNumber>123456789012</HSTariffNumber>
      <CountryOfOrigin>AUSTRALIA</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 2</Description>
      <Quantity>2</Quantity>
      <Value>2.22</Value>
      <NetPounds></NetPounds>
      <NetOunces>2</NetOunces>
      <HSTariffNumber>234567</HSTariffNumber>
      <CountryOfOrigin>AUSTRALIA</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 3</Description>
      <Quantity>3</Quantity>
      <Value>3.33</Value>
      <NetPounds></NetPounds>
      <NetOunces>3</NetOunces>
      <HSTariffNumber>123456</HSTariffNumber>
      <CountryOfOrigin>AUSTRALIA</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 4</Description>
      <Quantity>4</Quantity>
      <Value>4.44</Value>
      <NetPounds></NetPounds>
      <NetOunces>4</NetOunces>
      <HSTariffNumber>234567</HSTariffNumber>
      <CountryOfOrigin>AUSTRALIA</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 5</Description>
      <Quantity>5</Quantity>
      <Value>5.55</Value>
      <NetPounds></NetPounds>
      <NetOunces>5</NetOunces>
      <HSTariffNumber>123456</HSTariffNumber>
      <CountryOfOrigin>AUSTRALIA</CountryOfOrigin>
    </ItemDetail>
    <ItemDetail>
      <Description>Description 6</Description>
      <Quantity>6</Quantity>
      <Value>6.66</Value>
      <NetPounds></NetPounds>
      <NetOunces>6</NetOunces>
      <HSTariffNumber>234567</HSTariffNumber>
      <CountryOfOrigin>AUSTRALIA</CountryOfOrigin>
    </ItemDetail>
</ShippingContents>
<SenderMID>123456789</SenderMID>
<CustomsContentType>Document</CustomsContentType>
<ContentComments>123456789012345678901245</ContentComments>
<RestrictionType>Phytosanitary Inspection</RestrictionType>
<RestrictionComments>123456789012345678901245</RestrictionComments>
```

```
<AESITN>123456789012345678901234567890012345</AESITN>
<ImportersReference>12345678901234567890123456789012345</ImportersReference>
<ImportersContact>Importers Contact: This field can be 50 chars long</ImportersContact>
<ExportersReference>12345678901234</ExportersReference>
<ExportersContact>Exporters Contact: This field can be 50 chars long</ExportersContact>
<InvoiceNumber>Invoice89012345</InvoiceNumber>
<LicenseNumber>License Number12</LicenseNumber>
<CertificateNumber>CertificateX</CertificateNumber>
</ExpressMailLabelCertifyRequest>
```

2.3.   Response Parameters

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelResponse	required once		(group)	
ExpressMailLabelResponse / ToFirstName	required once	First Name of Recipient	string	
ExpressMailLabelResponse / ToLastName	required once	Last Name of Recipient	string	
ExpressMailLabelResponse / ToFirm	required once	Company Name	string	
ExpressMailLabelResponse / ToAddress1	required once	To Address Line 1	string	
ExpressMailLabelResponse / ToAddress2	required once	To Address Line 2	string	
ExpressMailLabelResponse / ToCity	required once	To City	string	
ExpressMailLabelResponse / ToState	required once	To State	string	
ExpressMailLabelResponse / ToZip5	required once	To ZIP Code	string	
ExpressMailLabelResponse / ToZip4	required once	To ZIP Code+4	string	
ExpressMailLabelResponse / Postage	required once	Amount of Postage Required, includes amount for fragile special handling if requested,, does not include insurance or other extra service fees.	decimal	
ExpressMailLabelResponse / EMConfirmationNumber	required once	Priority Mail Express Tracking Number	string	

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelResponse / EMLabel	optional	Priority Mail Express Label, if requested (where <ImageType> tag not "None")	base64Binary	
ExpressMailLabelResponse / EMReceipt	optional	Separate Express Mail Customer Online Record, if requested using <SeparateReceiptPage> tag	base64Binary	
ExpressMailLabelResponse / RDC	optional repeating up to 1 times		string	
ExpressMailLabelResponse / InsuranceFee	optional		decimal	minExclusive=0.0 maxInclusive=5000
ExpressMailLabelResponse / ExtraServices	required once		(group)	
ExpressMailLabelResponse / Extra Services / Extra Service	optional, repeating up to unbounded times	Groups extra service information	(group)	
ExpressMailLabelResponse / Extra Services / Extra Service / ServiceID	required once	Extra Service ID	string	
ExpressMailLabelResponse / Extra Services / Extra Service / ServiceName	required once	Extra Service Name	string	
ExpressMailLabelResponse / Extra Services / Extra Service / ServiceFee	optional	Extra Service fee	decimal	
ExpressMailLabelResponse / Zone	required once	Postal Zone. Indicates the number of postal rate zones between the origin and destination ZIP codes.	string	
ExpressMailLabelResponse / CarrierRoute	required once		string	
ExpressMailLabelResponse / Commitment	optional	Returned if <ReturnCommitments> is true in the request.	(group)	

Tag Name	Occurs	Description	Type	Validation
ExpressMailLabelResponse / Commitment / CommitmentName	optional	Commitment name such as 1-day, 2-day, 3-day, Military, DPO	String	
ExpressMailLabelResponse / Commitment / ScheduledDeliveryDate	optional	Date in the YYYY-MM-DD format.	date	
ExpressMailLabelResponse / LogMessage	optional	A text message for integrators of this API. It may contain additional information about this particular request/response, or general information about the API or Web Tools. In typical implementations, whenever this tag is encountered, the message is written to the console log file for later analysis.	string	
ExpressMailLabelCertifyResponse	required once		(alias)	

2.4. Sample Response

Test XML Response - Standard without generating Military / PTFAS Integrated Customs Form:

```xml
<?xml version="1.0"?>
<ExpressMailLabelCertifyResponse>
 <ToFirstName>John</ToFirstName>
 <ToLastName>Doe</ToLastName>
 <ToFirm></ToFirm>
 <ToAddress1>APT 404F</ToAddress1>
 <ToAddress2>3900 CONNECTICUT AVE NW</ToAddress2>
 <ToCity>WASHINGTON</ToCity>
 <ToState>DC</ToState>
 <ToZip5>20008</ToZip5>
 <ToZip4>2485</ToZip4>
 <Postage>44.95</Postage>
 <EMConfirmationNumber>42XXXXXXXXXX59</EMConfirmationNumber>
 <EMLabel>R0lGODdhcgZmCIcAAAAA
  <!-- over 115000 suppressed -->
 </EMLabel>
 <RDC>0007</RDC>
 <ExtraServices>
  <ExtraService>
   <ExtraServiceID>20</ExtraServiceID>
   <ExtraServiceName>ADULTRESTRICTED</ExtraServiceName>
   <ExtraServiceFee>5.75</ExtraServiceFee>
  </ExtraService>
 </ExtraServices>
 <Zone>01</Zone>
 <CarrierRoute>C###</CarrierRoute>
 <Commitment>
  <CommitmentName>1-Day</CommitmentName>
  <ScheduledDeliveryDate>20##-##-##</ScheduledDeliveryDate>
 </Commitment>
</ExpressMailLabelCertifyResponse>
```

Test XML Response – and creating a Military / PTFAS Integrated Customs Form:

```xml
<?xml version="1.0"?>
<ExpressMailLabelCertifyResponse>
 <ToFirstName>John</ToFirstName>
 <ToLastName>Doe</ToLastName>
 <ToFirm></ToFirm>
 <ToAddress1>APT 404F</ToAddress1>
 <ToAddress2>3900 CONNECTICUT AVE NW</ToAddress2>
 <ToCity>WASHINGTON</ToCity>
 <ToState>DC</ToState>
 <ToZip5>20008</ToZip5>
 <ToZip4>2485</ToZip4>
 <Postage>15.13</Postage>
 <EMConfirmationNumber>42XXXXXXXXXX59</EMConfirmationNumber>
 <EMLabel>R0lGODdhcgZmCIcAAAAA
  <!-- over 115000 suppressed -->
 </EMLabel>
<RDC>0007</RDC>
<InsuranceFee>0.00</InsuranceFee>
<ExtraServices/>
<Zone>01</Zone>
<CarrierRoute>C000</CarrierRoute>
<Commitment>
<CommitmentName>Military</CommitmentName>
```

```
<ScheduledDeliveryDate>2015-11-13</ScheduledDeliveryDate>
</Commitment>
</ExpressMailLabelCertifyResponse>
```

3. Error Responses

Error conditions are handled at the main XML document level. When parsing, it is best to check for an error document first before checking for good data. Error documents have the following format:

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

Where:

- Number = the error number generated by the Web Tools server.
- Source = the component and interface that generated the error on the Web Tools 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.
An <Error> element may be returned at the top (response) level if there is a problem with the syntax of the request, or if a system error occurs.

If you need assistance with an error response, contact our Internet Customer Care Center uspstechnicalsupport@mailps.custhelp.com

4. Label Examples

4.1.   Label Example with Customs Form

Detailed description of contents	Qty	Net Weight (lbs/oz)		Value (US$)	HS Tariff Number	Origin
Description 1	9999	0	1	1.11	123456789012	AU
Description 2	2	0	2	2.22	34567	AU
Description 3	3	0	3	3.33	123456	AU
Description 4	4	0	4	4.44	234567	AU
** See Continuation Page **						

FROM
DIRK POTTER
DIRK POTTER'S FIRM
126 SHADETREE ROAD
SUITE #1
SHAVERTOWN PA 18708

12345678901234 5678901234
MID:969010386

CP72 CUSTOMS DECLARATION

Origin Post:	Date of Mailing:
US POSTAL SERVICE	11/10/15

Importer's reference:
12345678901234567890 1234567890

Importer's contact:
IMPORTERS CONTACT: THIS FIELD CAN BE 50 CHARS LONG

U.S. POSTAGE REQUIRED

Insured Value: $ 1000.00
SDR Value: $ 658.00
Insured Fee: $ 0.00
Postal charges/Fees: $ 15.13

Category of items: DOCUMENT   TOTAL   23.31   Corporate Account #:

Exporter's reference: 12345678901234
Exporter's contact: EXPORTERS CONTACT: THIS FIELD CAN BE 50 CHARS LONG
Total Dimensions:

AES/ITN/Exemption: 123456789012345678901234567890123 45
Invoice/License/Certificate No(s): INVOICE8901234 5 LICENSE NUMBER12 CERTIFICATE

I certify the particulars given in this customs declaration are correct. The form does not contain any undeclared dangerous articles, or articles prohibited by legislation or by postal or customs regulations. I have met all applicable export filing requirements under federal tax and regulations.

Delivery Information

Sender's Signature and Date
Dirk Potter   11/10/2015

Return to Sender Instructions in case of nondelivery

Scheduled Delivery Date:	Delivery Date:	Delivery Time:	Addressee's Signature
11/13/15		AM/PM	

1.3

12345678901234 5678901234

WEB TOOLS --- TEST ONLY
FIRM GHIJKLMNOPQRSTUVWXYZ
UNIT 3300
APO AE 09094-3300

Overseas Military/Diplomatic Mail

PS Form 2976-B (March 2015)   Web Tools   Do not duplicate this form without USPS approval.   This item may be opened officially.

9471 2016 9932 0999 9022 98

SAMPLE – DO NOT MAIL

CUSTOMS DECLARATION - CONTINUATION PAGE
9471 2016 9932 0999 9022 98

Detailed description of contents	Qty	Net Weight (lbs/oz)		Value (US$)	For commercial items only HS Tariff Number	Origin Country
Description 5	5	0	5	5.55	123456	AU
Description 6	6	0	6	6.66	234567	AU

Continuation Page (March 2015)   Do not duplicate this form without USPS approval.   This item may be opened officially.

SAMPLE - DO NOT MAIL