USPS Tracking / Delivery Confirmation Label API

USPS Web Tools™ Application Programming Interface User Guide

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Introduction to Web Tools

This document contains a Reference Guide to the Delivery Confirmation Label APIs. See the Developer's Guide (eCommerce API Technical Guides site) 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.

For label specifications such as package dimensions, delivery information, etc., please refer to the Domestic Mail Manual (DMM) at http://pe.usps.com/.

For information specific to domestic mailpieces sent to an Army Post Office (APO), Fleet Post Office (FPOs), and or Diplomatic Post Offices (DPO) see the DMM at http://pe.usps.com/text/dmm300/608.htm#1255642

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:

<TrackID> EJ123456780US </TrackID>

In this instance, you will replace "EJ123456780US" with the tracking ID for the package.

(*) Note: The exception regarding error messages is the <ToFirm> tag, which will result in an error if the tag exceeds 32 characters.

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 APIs require 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

USPS Tracking/Delivery Confirmation Label API

Overview

The USPS Tracking/Delivery Confirmation Label Web Tool generates a label (and accompanying barcode and Customer Online Record), either with or without shipping addresses and information depending on the request. The label returned by the Web Tool is printed by the sender and attached to the package. Please note that the API labels are printed without postage. Postage must be purchased and applied separately. For more information on postage payment methods, see https://www.usps.com/business/postage-options.htm.

Visit Domestic Mail Manual for USPS Tracking/Delivery Confirmation information.

Postage is required on these labels, as well as the Confirmation Services charge (known as the "electronic option rate") for USPS Tracking/Delivery Confirmation. This discounted "electronic option rate" for Confirmation Services must be added into the total postage amount affixed to these labels (by using stamps, meter strips, or other indicia). The USPS Tracking/Delivery Confirmation fee varies by different service and is significantly discounted.

API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=DeliveryConfirmationV4	&XML=(see below)
https://	secure.shippingapis.com	/ShippingAPI.dll	?API=DelivConfirmCertifyV4	&XML=(see below)

Note: The "DelivConfirmCertifyV4" API signature is for testing purposes and will not generate usable labels and barcodes.

Request Descriptions

Tag Name	Occurs	Description	Туре	Validation
Delivery Confirmation V4.0 Request	required once	DelivConfirmCertifyV4.0Request The "Certify" form of the request is used for integrator testing. It produces a label that is not suitable for mailing and must not be entered into the US Postal System. Certify requests do not require additional permissions to invoke.	(group)	
DeliveryConfirmationV4.0Re quest / @USERID	required	This attribute specifies your Web Tools ID. See the Developer's Guide for information on obtaining your USERID.	string	

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / Option	optional	This tag is for future use.	empty	
DeliveryConfirmationV4.0Re quest / Revision	optional	This is for versioning of the API's and for triggering response tags for future versions. In this API use a value of 2 to trigger new functionality, namely the new dimensional logic. For example:	string	
		<revision>2</revision>		
DeliveryConfirmationV4.0Re quest / ImageParameters	optional, 1 time	Enumeration of image parameter to return barcode only image.	string	minOccurs=0 maxOccurs="unbounded"
DeliveryConfirmationV4.0Re quest / ImageParameters / ImageParameter	optional, up to 2 times	Returns alternate barcode only label image. "BARCODE ONLY" label option returns a barcode and Package ID Code (PIC) number without the return and delivery name and address. "CROP" reduces the image size to half-sheet (approximately) "SEPARATECONTINUEPAGE" will force the continuation page (if the item count causes the need for a continuation page) onto a separate page. For example: <imageparameter>BARCODE ONLY</imageparameter>	string	Enumerations: BARCODE ONLY CROP SEPARATECONTINUEPAGE
DeliveryConfirmationV4.0Re quest / ImageParameters / LabelSequence	optional	To be used in the case of multiple packages. Not required if only one package.	string	minOccurs=0 maxOccurs="1"
DeliveryConfirmationV4.0Re quest / ImageParameters / LabelSequence /PackageNumber	Required if	Required if Label Sequence is selected	integer	minInclusive value = "1" maxInclusive value = "999"

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / ImageParameters / LabelSequence/ TotalPackages	Required if	Required if Label Sequence is selected	integer	minInclusive value = "1" maxInclusive value = "999"
DeliveryConfirmationV4.0Re quest / FromName	Required Tag/ Required Value	Values for either First and Last Name of Sender. For example: <fromname>John Doe</fromname>	string	minLength=0 maxLength=100
DeliveryConfirmationV4.0Re quest / FromFirm	Required Tag/ Value optional	Firm name; may be left blank. For example: <fromfirm></fromfirm>	string	minLength=0 maxLength=50
DeliveryConfirmationV4.0Re quest / FromAddress1	required once	Use this tag for a suite or apartment number only. Either Address1 or Address2 is required. For example: <fromaddress1></fromaddress1>	string	minLength=0 maxLength=50
DeliveryConfirmationV4.0Re quest / FromAddress2	required once	Use this tag for the primary address line. For example: <fromaddress2>10 Elm Street </fromaddress2>	string	minLength=1 maxLength=50
DeliveryConfirmationV4.0Re quest / FromCity	required once	For example: <fromcity>Anytown</fromcity>	string	minLength=1 maxLength=28
DeliveryConfirmationV4.0Re quest / FromState	required once	Use 2-letter USPS abbreviation. For example: <fromstate>ST</fromstate>	string	pattern=\w{2} valid state minLength=2 maxLength=2
DeliveryConfirmationV4.0Re quest / FromZip5	required once	Input tag exactly as presented, not all caps. 5 digits required. For example: <fromzip5>01234</fromzip5>	string	pattern=\d{5}
DeliveryConfirmationV4.0Re quest / FromZip4	required once	Input tag exactly as presented, not all caps. If value is entered, 4 digits required. This is the ZIP+4 extension. For example: <fromzip4>5678</fromzip4>	string	minLength=0

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / ToName	required once	Enter a value for the recipient's name. For example: <toname>Ms. C. P. Apple</toname>	string	minLength=0 maxLength=100
DeliveryConfirmationV4.0Re quest / ToFirm	required once	Enter a value for the recipient's firm. For example: <tofirm></tofirm>	string	minLength=0 maxLength=50
DeliveryConfirmationV4.0Re quest / ToAddress1	required once	Recipient address line 1. Use this tag for an apartment or suite number. For example: <toaddress1></toaddress1>	string	minLength=0 maxLength=50
DeliveryConfirmationV4.0Re quest / ToAddress2	required once	Recipient address line 2. Must be a valid address. For example: <toaddress2>123 Main Ave </toaddress2>	string	minLength=0 maxLength=50
DeliveryConfirmationV4.0Re quest / ToCity	required once	Recipient city. For example: <tocity>Anytown</tocity>	string	minLength=0 maxLength=28
DeliveryConfirmationV4.0Re quest / ToState	required once	Recipient state. Use 2-letter USPS abbreviation. For example: <tostate>ST</tostate>	string	pattern=\w{2} valid state minLength=2 maxLength=2
DeliveryConfirmationV4.0Re quest / ToZip5	required once	Recipient ZIP code. For example: <tozip5>01234</tozip5>	string	maxLength=5
DeliveryConfirmationV4.0Re quest / ToZip4	required once	Recipient ZIP+4 extension. For example: <tozip5>01234</tozip5>	string	minLength=0 maxLength=4
DeliveryConfirmationV4.0Re quest / ToPOBoxFlag	optional	Indicates that the To address is a PO Box.	string	minLength=0

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / 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	Enumerations: EMAIL SMS WAIVED default=EMAIL
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / 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 valid email address
DeliveryConfirmationV4.0Re quest / WeightInOunces	required once	Required for postage calculation and manifest record. For example: <weightinounces>25 </weightinounces>	Integer/d ecimal	

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / ServiceType	required once	Mail service type desired. For example: <servicetype> PRIORITY </servicetype> Note: Mailable matter not required to be mailed as First-Class Mail is permitted with Standard Post to Zones 5-9. Zones 1-4 items are limited to mailable hazardous materials, live animals, and other "surface-only" items. Standard Post can only be used for Zones 5-9 unless the shipment is oversized or contains classes of materials. (e.g. certain HAZMAT) For more details, see: http://pe.usps.com/businessmail10 1/classes/packageServices.htm	string	Enumerations: PRIORITY FIRST CLASS RETAIL GROUND MEDIA MAIL LIBRARY MAIL
DeliveryConfirmationV4.0Re quest / InsuredAmount	optional	Use this tag for entering an insurance amount, if applicable. For example: <insuredamount>100.00 </insuredamount>	string	minOccurs=0
DeliveryConfirmationV4.0Re quest / 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></waiverofsignature>	boolean	default=false
DeliveryConfirmationV4.0Re quest / 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></separatereceiptpage>	boolean	minOccurs=0 Enumerations: true false

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / POZipCode	optional	ZIP Code of Post Office or collection box where item is mailed. May be different than From ZIP Code. For example: <pozipcode>20770</pozipcode>	string	minOccurs=0
DeliveryConfirmationV4.0Re quest / ImageType	required once	Label Image Type. For example: <imagetype>TIF</imagetype>	string	Enumerations: TIF PDF NONE
DeliveryConfirmationV4.0Re quest / 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: yyyy-mm-dd dd-mmm-yyyy, such as 10-Jan-2010, or mm/dd/yyyy, such as 01/10/2010. For example: <labeldate>2015-05-05 </labeldate>	string	minOccurs=0 pattern=yyyy-mm-dd pattern=mm\dd\yyyy pattern= dd-mmm-yyyy
DeliveryConfirmationV4.0Re quest / CustomerRefNo	optional	User-assigned Number for Internal Use. For example: <customerrefno>123456 </customerrefno>	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
		You can request the USPS to alert you when a customer changes their address. This feature is useful to ensure correct billing. The words "Address Service Requested" will appear on the shipping label immediately below the return address.		
		This service is not available with the barcode only label option. By using this tag, you will receive the following service with Priority Mail:		
DeliveryConfirmationV4.0Re quest /	optional	For 12 months after an address change, the mailpiece is forwarded at no charge. However, a separate notice of the new address is returned to you and an address correction fee is charged.		minOccurs=0
AddressServiceRequested		For months 13-18 after an address change, the mailpiece is returned with the new address attached at no charge.		
		After 18 months, or if undeliverable, the mailpiece is returned with the reason for nondelivery attached at no charge.		
		Enter "True" or "False." False is assumed if no value is entered. For fees for this service with Package Services, refer to the <u>Domestic Mail Manual</u> .		
		For example: <addressservicerequested>true </addressservicerequested>		
		The name of the person or company sending the email.		
DeliveryConfirmationV4.0Re quest / SenderName	optional	Note: No e-mail is returned when generating a Sample Label request.	string	minOccurs=0
		For example: <sendername>John Smith</sendername>		

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / SenderEMail	optional	E-mail address of sender. Valid e-mail addresses must be used. Note: No e-mail is returned when generating a Sample Label request. For example: <senderemail>John.Smith@abc.com </senderemail>	string	minOccurs=0
DeliveryConfirmationV4.0Re quest / RecipientName	optional	The name of the person or company receiving the email. Note: No e-mail is returned when generating a Sample Label request. For example: <recipientname>Mary Jones</recipientname>	string	minOccurs=0
DeliveryConfirmationV4.0Re quest / RecipientEMail	optional	E-mail address of recipient. Valid e-mail addresses must be used. Note: No e-mail is returned when	string	minOccurs=0
DeliveryConfirmationV4.0Re quest / AllowNonCleansedDestAddr	optional	Value of 'true' bypasses destination address cleansing. Non-cleansed destination addresses may result in undeliverable packages.	string	default=false enumeration= true false
DeliveryConfirmationV4.0Re quest / HoldForManifest	optional	Restricted use. Holds manifest record for possible inclusion in SCAN request.	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / Container	optional	Use to specify special containers or container attributes that may affect postage; otherwise, leave blank. Specifically this is used to indicate various flat and regional rate options for Priority Mail, otherwise the API will assume "simple". Needed to assign an appropriate RDC and to ensure the proper 3 digit service type code is included in the barcode. For example: <container>VARIABLE</container>	string	Enumerations: VARIABLE FLAT RATE ENVELOPE LEGAL FLAT RATE ENVELOPE PADDED FLAT RATE ENVELOPE GIFT CARD FLAT RATE ENVELOPE SM FLAT RATE ENVELOPE WINDOW FLAT RATE ENVELOPE SM FLAT RATE BOX MD FLAT RATE BOX LG FLAT RATE BOX REGIONALRATEBOXA REGIONALRATEBOXB RECTANGULAR NONRECTANGULAR
DeliveryConfirmationV4.0Re quest / Size	optional	Defined as follows: REGULAR: all package dimensions are under 12"; LARGE: any package dimension is greater than 12" For example: <size>REGULAR</size>	string	Enumerations: REGULAR LARGE
DeliveryConfirmationV4.0Re quest / Width	optional	Value must be numeric. Units are inches. Required when Size is LARGE. For example: <width>5.5</width>	decimal	minOccurs=0
DeliveryConfirmationV4.0Re quest / Length	optional	Value must be numeric. Units are inches. Required when Size is LARGE. For example: <length>11</length>	decimal	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / Height	optional	Value must be numeric. Units are inches. Required when Size is LARGE. For example: <height>11</height>	decimal	minOccurs=0
DeliveryConfirmationV4.0Re quest / Girth	optional	Value must be numeric. Units are inches. Girth is only required when Container = 'NONRECTANGULAR' or 'VARIABLE' and Size='LARGE' . For example: <girth>11</girth>	decimal	minOccurs=0
DeliveryConfirmationV4.0Re quest / Machinable	optional	Machinable is required when: ServiceType = 'ParcelPost' For example: <machinable>true</machinable>	boolean	minOccurs=0
DeliveryConfirmationV4.0Re quest / CommercialPrice	optional	Indicates if commercial price should be returned. For example: <commercialprice>False </commercialprice>	boolean	minOccurs=0 default=false
DeliveryConfirmationV4.0Re quest / ExtraServices	optional		(group)	minOccurs=0 maxOccurs="unbounded"

Tag Name	Occurs	Descriptio	n	Туре	Validation
		Use to specify extra services. Currently available services are:			
		Service Name	ServiceID		
		Insurance (Non- Priority)	100		
		Adult Signature Required	119		Enumerations: 100
	optional,	Adult Signature Restricted Delivery	120		119 120 125 155 174
DeliveryConfirmationV4.0Re	repeating	Insurance (Priority)	125		
quest / ExtraServices /	up to	USPS Tracking	155	string	
ExtraService	unbounde d times	Signature Confirmation Electronic Restricted			177 177 179
		Delivery	174		
		Insurance Restricted Delivery	177		
		Insurance Restricted Delivery (Priority)	179		
		For example: <extraservice>125<td>traService></td><td></td><td></td></extraservice>	traService>		

Tag Name	Occurs	Description		Туре	Validation
DeliveryConfirmationV4.0Re quest / CarrierRelease	optional	Indicates if the 'CARRIER – NO RESPONSE' is to be print the label. This endorsement be applied to Express Mail items or items requiring a at delivery (e.g. Signature Confirmation, Insurance > Use to specify Delivery Precodes. Currently available Preference Codes are: Delivery Preference FRONT DOOR/PORCH PARCEL LOCKER PARTNER PARCEL LOCKER SMART PARCEL LOCKER LEFT WITH INDIVIDUAL FRONT DESK/RECEPTION NEIGHBOR GARAGE AREA SIDE DOOR/PORCH BACK DOOR/PORCH AMAZON PARCEL LOCKER For example: <carrierrelease>A<carrier< td=""><td>nted on at cannot placed, Insured signature \$200). Insured signature \$200). Insured signature \$200). Insured signature \$200</td><td>string</td><td>Enumerations: A B C D E F G H I J K true false</td></carrier<></carrierrelease>	nted on at cannot placed, Insured signature \$200). Insured signature \$200). Insured signature \$200). Insured signature \$200	string	Enumerations: A B C D E F G H I J K true false
DeliveryConfirmationV4.0Re quest / ReturnCommitments	optional	Indicates if commitment information should be retu		boolean	minOccurs=0 default="false"
DeliveryConfirmationV4.0Re quest / GroundOnly	optional	Ground Only Indicator for Post	Standard	boolean	minOccurs=0 default="false"
DeliveryConfirmationV4.0Re quest / Content	optional	Special Contents of packag	ge	(group)	minOccurs=0 default="false"

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / ContentType	required once – if content included	Use to specify ContentType. Available types are: ContentType HAZMAT 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	Enumerations: HAZMAT LIVES PERISHABLE FRAGILE
DeliveryConfirmationV4.0Re quest / ContentDescription	optional	Description. Required if LIVES.	string	Enumerations: BEES DAYOLDPOULTRY ADULTBIRDS OTHER
DeliveryConfirmationV4.0Re quest /MeterData	optional	Meter Data grouping.	(group)	
DeliveryConfirmationV4.0Re quest /MeterData/ MeterVendorID	optional	Meter Vendor ID, which is the 2 digit number USPS assigned vendor ID.	string	minLength value="0" maxLength value="2"
DeliveryConfirmationV4.0Re quest /MeterData/ MeterSerialNumber	optional	Serial number of meter used for postage.	string	minLength value="0" maxLength value="20"
DeliveryConfirmationV4.0Re quest /MeterData/ MeterModelID	optional	Two digit model number of the Meter For example: PC-Postage models are 1 numeric followed by 1 alpha. <metermodelid>7a</metermodelid>	string	minLength value="0" maxLength value="15"
DeliveryConfirmationV4.0Re quest /MeterData/ RateCategory	optional	Four digit value denotes Product / Rate Category (As defined by the IBI data dictionary)	string	minLength value="0" maxLength value="4"

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest /MeterData/ IndiciumCreationRecordDate	optional	Date IBI was created Example: 12/19/2016 This tag is mostly used by PC Postage, metered and IMI PC Compliant customers	string	pattern value="\d{1,2}/\d{1,2}/\d{4} "
DeliveryConfirmationV4.0Re quest /MeterData/IBI	optional	Information-Based Indicia (IBI)- Refers to a secure postage evidencing standard used by the United States Postal Service (USPS) to indicate electronic postage payment.	string	minLength value="0" maxLength value="150"

Customs forms and data requirements for shipping to/from Military and

Diplomatic (APO/FPO/DPO) and US Possessions, Territories and Freely Associated States (PTFAS)

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

DeliveryConfirmationV4.0Re quest / ShippingContents	required once or optional	Required only if a customs form is required based on Customs Content Type and Weight.		(group)
DeliveryConfirmationV4.0Re quest / 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)
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / 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	maxInclusive value=9

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / ShippingContents / ItemDetail / NetPounds	Optional/ required	Required to provide the pounds OR ounces component of the weight of the individual item listed with <description> when a customs form</description>	integer	totalDigits value=2 minInclusive value=0 maxInclusive value=70
DeliveryConfirmationV4.0Re quest / ShippingContents / ItemDetail / NetOunces	Optional/ required	Required to 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></description>	decimal	totalDigits value=5 minInclusive value=0 maxInclusive value=1120
DeliveryConfirmationV4.0Re quest / 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

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / FromPhone	optional	10 digits required (including area code), with no punctuation. Use format: 2125551234 For example: <fromphone>555555555</fromphone>	string	minOccurs=0 whiteSpace=collapse length=10 pattern=\d{10}
DeliveryConfirmationV4.0Re quest / SenderMID	optional	Mailer Identification Number. The MID is a six- or nine-digit number.	string	minOccurs=0 minLength=6 maxLength=9
DeliveryConfirmationV4.0Re quest / ToPhone	optional	10 digits required (including area code), with no punctuation. Use format: 2125551234 For example: <tophone>555555555/ToPhone></tophone>	string	minOccurs=0 whiteSpace=collapse length=10 pattern=\d{10}

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / CustomsContentType	required	Specifies the content of the package or envelope. For example: <customscontenttype>DOCUMENT S</customscontenttype> When sending TO or FROM an APO/FPO/DPO or PTFAS, additional Customs information is required. This requirement is triggered when The "ToState" is an APO/FPO/DPO or PTFAS	string	minOccurs=0 enumeration= MERCHANDISE GIFT DOCUMENTS SAMPLE RETURN OTHER HUMANITARIAN DANGEROUSGOODS
DeliveryConfirmationV4.0Re quest / ContentComments	required / optional	Required tag if <customscontenttype> =Other Enter any comments. For example: <contentcomments></contentcomments></customscontenttype>	string	minOccurs=0
DeliveryConfirmationV4.0Re quest / RestrictionType	optional	Restriction Types	string	minOccurs=0 Enumeration= Quarantine Sanitary Inspection Phytosanitary Inspection Other
DeliveryConfirmationV4.0Re quest / RestrictionComments	Optional	Restriction Comments. Required when <restrictiontype>="Other"</restrictiontype>	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / 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
DeliveryConfirmationV4.0Re quest / InvoiceNumber	optional	Use tag when ServiceType is equal to Priority Invoice Number	string	minOccurs=0
DeliveryConfirmationV4.0Re quest / LicenseNumber	optional	Use tag when ServiceType is equal to Priority License Number	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / CertificateNumber	optional	Use tag — when ServiceType is equal to Priority	string	minOccurs=0
		Certificate Number		
DeliveryConfirmationV4.0Re quest / 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.</fromaddress>	string	enumeration=RETURN enumeration=REDIRECT enumeration=ABANDON
		For example: <nondeliveryoption>RETURNDeliveryOption></nondeliveryoption>		
DeliveryConfirmationV4.0Re quest / AltReturnAddress1		Required if NonDeliveryOption tag=REDIRECT. Suggested use of this tag is for an apartment or suite number.		
		For example: <altreturnaddress1>Apt 1</altreturnaddress1>		
	optional	Note: 1. Six AltReturnAddress lines are provided but only one line is required. Use as many as needed for complete address.	string	minOccurs=0
		 Requirement ignored when <container> specified is a flat rate envelope or small flat rate box variation.</container> 		

Tag Name	Occurs	Description	Туре	Validation
DeliveryConfirmationV4.0Re quest / 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.</container></altreturnaddress2>	string	minOccurs=0
DeliveryConfirmationV4.0Re quest / 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.</container>	string	minOccurs=0

Tag Name	Occurs	Description	Туре	Validation	
DeliveryConfirmationV4.0Re quest / 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.</container>	string	minOccurs=0	
DeliveryConfirmationV4.0Re quest / 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.</container>	string	minOccurs=0	

Tag Name	Occurs	Description	Туре	Validation	
DeliveryConfirmationV4.0Re quest / 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.</container>	string minOccurs=0		
DeliveryConfirmationV4.0Re quest / AltReturnCountry	optional	Required if NonDeliveryOption tag=REDIRECT. Country. Tag must equal United States for this API.	string	minOccurs=0	
DeliveryConfirmationV4.0Re quest	required once		(alias)	substitutionGroup= "DelConfirmCertifyV4.0Re quest"	

Sample Request

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

https://secure.shippingapis.com/ShippingAPI.dll?API=DelivConfirmCertifyV4&<?xml version="1.0" encoding="UTF-8" ?>

- <DelivConfirmCertifyV4.0Request USERID="XXXXXX">
- <Option>1</Option>
- <lmageParameters>
- <LabelSequence>
- <PackageNumber>1</PackageNumber>
- <TotalPackages>99</TotalPackages>
- </LabelSequence>
- /ImageParameters>
- <FromName>Joe Smith</FromName>
- <FromFirm>ABC Corp.</FromFirm>
- <FromAddress1>Apt. 3C</FromAddress1>
- <FromAddress2>6406 Ivy Lane</FromAddress2>
- <FromCity>Greenbelt</FromCity>
- <FromState>MD</FromState>
- <FromZip5>20770</FromZip5>
- <FromZip4>1234</FromZip4>

<ToZip5>09094</ToZip5> <ToZip4></ToZip4>

<ToName>Tom XofY</ToName> <ToFirm>XYZ Corp.</ToFirm> <ToAddress1>Suite 4D</ToAddress1> <ToAddress2>8 Wildwood Drive</ToAddress2> <ToCity>Old Lyme</ToCity> <ToState>CT</ToState> <ToZip5>06371</ToZip5> <ToZip4></ToZip4> <WeightInOunces>2</WeightInOunces> <ServiceType>Priority</ServiceType> <InsuredAmount> <SeparateReceiptPage></SeparateReceiptPage> <POZipCode></POZipCode> <ImageType>TIF</ImageType> <LabelDate></LabelDate> <CustomerRefNo></CustomerRefNo> <AddressServiceRequested></AddressServiceRequested> <SenderName></SenderName> <SenderEMail></SenderEMail> <RecipientName></RecipientName> <RecipientEMail></RecipientEMail> <Container>Variable</Container> <Size>Regular</Size> <CommercialPrice>True</CommercialPrice> <Content> <ContentType>LIVES</ContentType> <ContentDescription>Bees</ContentDescription> </Content> </DelivConfirmCertifyV4.0Request> Test XML Request - Delivery Confirmation and creating a APO/FPO/DPO or PTFAS Integrated Customs Form: <DelivConfirmCertifyV4.0Request USERID="XXXXXXXXX"> <Option>1</Option> <Revision>2</Revision> <ImageParameters> <ImageParameter></ImageParameter> /ImageParameters> <FromName>Dirk Potter <FromFirm>Dirk Potter's Firm</FromFirm> <FromAddress1>126 ShadeTree Road/FromAddress1> <FromAddress2>suite #1</FromAddress2> <FromCity>Shavertown</FromCity> <FromState>PA</FromState> <FromZip5>18708</FromZip5> <FromZip4></FromZip4> <ToName>Builder Bob</ToName> <ToFirm>Firm ghijklmnopgrstuvwxyz</ToFirm> <ToAddress1></ToAddress1> <ToAddress2>>Unit 3300</ToAddress2> <ToCity>APO</ToCity> <ToState>AE</ToState>

```
<ToPOBoxFlag>true</ToPOBoxFlag>
<WeightInOunces>23</WeightInOunces>
<ServiceType>PRIORITY</ServiceType>
<InsuredAmount>1000/InsuredAmount>
<ImageType>TIF</ImageType>
<LabelDate></LabelDate>
<AllowNonCleansedDestAddr></AllowNonCleansedDestAddr>
<Container>SM FLAT RATE BOX</Container>
<Size>REGULAR</Size>
<Width>1</Width>
<Length>1</Length>
<Height>1</Height>
<Girth></Girth>
<ReturnCommitments>true</ReturnCommitments>
<ShippingContents>
 <ItemDetail>
   <Description>Description 1
  <Quantity>9999</Quantity>
   <Value>1.11</Value>
   <NetPounds></NetPounds>
  <NetOunces>1</NetOunces>
  <HSTariffNumber>123456789012</HSTariffNumber>
  <CountryOfOrigin>Australia</CountryOfOrigin>
 </ltemDetail>
 <ItemDetail>
  <Description>Description 2</Description>
   <Quantity>2</Quantity>
   <Value>2.22</Value>
  <NetPounds></NetPounds>
   <NetOunces>2</NetOunces>
  <HSTariffNumber>234567</HSTariffNumber>
  <CountryOfOrigin>Australia</CountryOfOrigin>
 </ltemDetail>
  <ItemDetail>
  <Description>Description 3</Description>
   <Quantity>3</Quantity>
   <Value>3.33</Value>
  <NetPounds></NetPounds>
   <NetOunces>3</NetOunces>
  <HSTariffNumber>123456</HSTariffNumber>
  <CountryOfOrigin>Australia</CountryOfOrigin>
 </ltemDetail>
  <ItemDetail>
  <Description>Description 4</Description>
  <Quantity>4</Quantity>
   <Value>4.44</Value>
  <NetPounds></NetPounds>
  <NetOunces>4</NetOunces>
  <HSTariffNumber>234567</HSTariffNumber>
   <CountryOfOrigin>Australia</CountryOfOrigin>
 </ltemDetail>
  <ItemDetail>
  <Description>Description 5</Description>
```

- <Quantity>5</Quantity>
- <Value>5.55</Value>
- <NetPounds></NetPounds>
- <NetOunces>5</NetOunces>
- <HSTariffNumber>123456</HSTariffNumber>
- <CountryOfOrigin>Australia</CountryOfOrigin>
- </ltemDetail>
- <ItemDetail>
- <Description>Description 6</Description>
- <Quantity>6</Quantity>
- <Value>6.66</Value>
- <NetPounds></NetPounds>
- <NetOunces>6</NetOunces>
- <HSTariffNumber>234567</HSTariffNumber>
- <CountryOfOrigin>Australia</CountryOfOrigin>
- </ltemDetail>
- </ShippingContents>
- <FromPhone>7175551212</FromPhone>
- <SenderMID>123456789</SenderMID>
- <ToPhone>5705551212</ToPhone>
- <CustomsContentType>Documents</CustomsContentType>
- <ContentComments>1234567890123456789012345</ContentComments>
- <RestrictionType>Phytosanitary Inspection</RestrictionType>
- <RestrictionComments>1234567890123456789012345</RestrictionComments>
- <AESITN>12345678901234567890123456789012345</AESITN>
- <ImportersReference>123456789012345678901234567890
- <ImportersContact>Importers Contact: This field can be 50 characters long/ImportersContact>
- <ExportersReference>12345678901234</ExportersReference>
- <ExportersContact>Exporters Contact: This field can be 50 characters long </ExportersContact>
- <InvoiceNumber>Invoice89012345/InvoiceNumber>
- <LicenseNumber>License Number12</LicenseNumber>
- <CertificateNumber>CertificateX</CertificateNumber>
- </DelivConfirmCertifyV4.0Request>

Response Descriptions

Tag Name	Occurs	Description	Туре
DeliveryConfirmationV4.0Response / DeliveryConfirmationNumber	required USPS Tracking/Delivery Confirmation		string
Delivery Confirmation V4.0 Response / Delivery Confirmation Label	required once	USPS Tracking/Delivery Confirmation Label, if requested (where <imagetype> tag not "None")</imagetype>	base64 Binary
DeliveryConfirmationV4.0Response / ToName	required once	Enter a value for the recipient's name. For example: <toname>Ms. C. P. Apple</toname>	string
DeliveryConfirmationV4.0Response / ToFirm	required once	Enter a value for the recipient's firm. For example: <tofirm></tofirm>	string
DeliveryConfirmationV4.0Response / ToAddress1	required once	Recipient address line 1. Use this tag for an apartment or suite number. For example: <toaddress1></toaddress1>	string
DeliveryConfirmationV4.0Response / ToAddress2	required once		
DeliveryConfirmationV4.0Response / ToCity	required once	Recipient city. For example: <tocity>Anytown</tocity>	string
DeliveryConfirmationV4.0Response / ToState			string
DeliveryConfirmationV4.0Response / ToZip5	required once	Recipient ZIP code. For example: <tozip5>01234</tozip5>	string
DeliveryConfirmationV4.0Response / ToZip4	required once	Recipient ZIP+4 extension. For example: <tozip5>01234</tozip5>	string
DeliveryConfirmationV4.0Response / ToPOBoxFlag	optional	Indicates that the To address is a PO Box.	boolean
DeliveryConfirmationV4.0Response / Postnet	required once		string

Tag Name	Occurs	Description	Туре
DeliveryConfirmationV4.0Response / RDC	optional repeating up to 1 times	Retail Distribution Code	string
DeliveryConfirmationV4.0Response / Postage	optional	Amount of Postage Required	decimal
DeliveryConfirmationV4.0Response / Zone	optional	Postal Zone. Indicates the number of postal rate zones between the origin and destination ZIP codes.	string
DeliveryConfirmationV4.0Response / InsuranceFee	optional		string
DeliveryConfirmationV4.0Response / CarrierRoute	optional	Carrier Route	string
Delivery Confirmation V4.0 Response / Carrier Release	optional		boolean
DeliveryConfirmationV4.0Response / ExtraServices	optional	Group of extra services	(group)
DeliveryConfirmationV4.0Response / ExtraService	optional, unbounde d times	Groups information for each extra service	(group)
DeliveryConfirmationV4.0Response / ServiceID	required once	Extra Service ID echoed from request	string
DeliveryConfirmationV4.0Response / ServiceName	required once	Extra Service name	string
DeliveryConfirmationV4.0Response / Price	required once	Extra Service fee	string
DeliveryConfirmationV4.0Response / Commitment	optional	Returned when <returncommitments> = "true" in the request.</returncommitments>	(group)
DeliveryConfirmationV4.0Response / CommitmentName	optional	Commitment name. Example "1-Day".	string
DelivConfirmCertifyV4.0Response / ScheduledDeliveryDate	optional	Date in the YYYY-MM-DD format.	string

Sample Response

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

- <?xml version="1.0" encoding="UTF-8" ?>
- <DelivConfirmCertifyV4.0Response>
- <DeliveryConfirmationLabel>SUkqAAgAAAASAP4ABAAB
- <!-- over 10000 suppressed -->
- </DeliveryConfirmationLabel>

```
<ToName>TOM XOFY</ToName>
<ToFirm>XYZ CORP.</ToFirm>
<ToAddress1>STE 4D</ToAddress1>
<ToAddress2>8 WILDWOOD DR</ToAddress2>
<ToCity>OLD LYME</ToCity>
<ToState>CT</ToState>
<ToZip5>06371</ToZip5>
<ToZip4>1844</ToZip4>
<Postnet>06371184408</Postnet>
<RDC>0006</RDC>
<Postage>5.23</Postage>
<Zone>3</Zone>
<InsuranceFee>0</InsuranceFee>
<CarrierRoute>R###</CarrierRoute>
</DelivConfirmCertifyV4.0Response>
Test XML Response - Delivery Confirmation and creating a APO/FPO/DPO or PTFAS Integrated Customs Form:
<?xml version="1.0"?>
-<DelivConfirmCertifyV4.0Response>
<DeliveryConfirmationNumber>420090949406101699320XXXXXXXX/DeliveryConfirmationNumber>
<!-- over 10000 suppressed -->
</DeliveryConfirmationLabel>
<ToName>Builder Bob</ToName>
<ToFirm>FIRM GHIJKLMNOPQRSTUVWXYZ</ToFirm>
<ToAddress1/>
<ToAddress2>UNIT 3300</ToAddress2>
<ToCity>APO</ToCity>
<ToState>AE</ToState>
<ToZip5>09094</ToZip5>
<ToZip4>3300</ToZip4>
<Postnet>09094330099</Postnet>
<RDC>0004</RDC>
<Postage>5.95</Postage>
<Zone>1</Zone>
<InsuranceFee>14.65/InsuranceFee>
<CarrierRoute>C000</CarrierRoute>
<Commitment>
<CommitmentName>Military</CommitmentName>
<ScheduledDeliveryDate/>
</Commitment>
</DelivConfirmCertifyV4.0Response>
```

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:

<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 the contact our Internet Customer Care Center (<a href="mailto:uspstechnicalsupport@mai