



WebTools Release Notes

Version 1.4

Application: Web Tools APIs
Package Name: Spring 2016 Updates
Package Version: 1.4

Table of Contents

1	Revision History.....	1
2	Implementation Summary	2
2.1	Production Release: April 10, 2016.....	2
2.2	Production Release: June 3, 2016	2
2.3	Production Release: To Be Determined.....	3
2.4	New and Recently Released APIs	6
3	Appendices.....	7
3.1	Appendix A – Domestic Customs Forms / Label Images.....	7
3.2	Appendix B – Sample XML Requests.....	8

1 Revision History

Date	Author	File Version	Change Description
3/15/2016	Evan Betler	V1.1	Initial public version
3/23/2016	Pushpa Iyer	V1.2	Added changes to Carrier Pickup APIs
3/25/2016	Evan Betler	V1.4	Updates include: <ul style="list-style-type: none">- Removed May 13 release from Table of Contents- Corrected ExtraService enumeration in section 2.2.1 (changed “10” to “9”)

2 Implementation Summary

External testing availability via the Web Tools CAT / stg- environment for each release can be found in the respective section below. The external test environment can be accessed, using your production UserID, via the following URL scheme, host and path:

- Secure APIs: <https://stg-secure.shippingapis.com/ShippingApi.dll>
- Non-secure APIs: <http://stg-production.shippingapis.com/ShippingApi.dll>

If you receive an authorization error, please contact webtools@usps.gov and include your UserID.

2.1 Production Release: April 10, 2016

Internal testing: 3/14; external testing: 3/28

2.1.1 Spring 2016 Price Change

1. All Web Tools APIs will be updated to reflect price updates related to the Spring 2016 USPS Price Change:
 - Price to price updates only, specific to market dominant products; no request or response schema updates
 - Reference <http://pe.usps.gov/> for updated prices

2.1.2 Package Pickup APIs (APIs=CarrierPickupSchedule, CarrierPickupChange)

1. The Web Tools Package Pickup APIs will be modified as follows:
 - APIs impacted: CarrierPickupSchedule, CarrierPickupChange
 - Updates:
 - One of the following <ServiceType> values must be present with <Count> greater than 0 to successfully schedule a pickup or change an already scheduled pickup: "PriorityMailExpress", "PriorityMail", "Returns", "International"
 - A pickup cannot be scheduled or changed when there are only packages of <ServiceType>="FirstClass", "ParcelSelect", "OtherPackages"
 - The following service types will be accepted in pickup requests but considered by the system collectively as "OTHERPACKAGES":
 - FIRST CLASS
 - PARCEL SELECT
 - OTHERPACKAGES
 - All of these services types will return the response "OTHERPACKAGES."

2.2 Production Release: June 3, 2016

Internal testing: 5/2; external testing: 5/16

2.2.1 International Price and Label API Updates

1. APIs impacted: IntlRate and IntlRateV2
 - The Priority Mail International Flat Rate Envelopes (PMI FRE) and Small Flat Rate Boxes (PMI SFRB) will be processed through the air parcel stream resulting in the following changes
 - Business rules:
 - The weight limit for these products will remain 4 pounds
 - Extra service availability will be modified to more closely follow the other Priority Mail International products:
 - Insurance will be available and will no longer be limited to \$400 (limits vary by country)

- Electronic USPS Delivery Confirmation International (<ExtraService>="9") will no longer be applicable
 - Priority Mail International Flat Rate Envelope <Service ID=""> values:
 - ServiceID="8" (Priority Mail International Flat Rate Envelope)
 - ServiceID="22" (Priority Mail International Legal Flat Rate Envelope)
 - ServiceID="23" (Priority Mail International Padded Rate Envelope)
 - ServiceID="18" (Priority Mail International Gift Card Flat Rate Envelope)
 - ServiceID="20" (Priority Mail International Small Flat Rate Envelope)
 - ServiceID="19" (Priority Mail International Window Flat Rate Envelope)
 - Priority Mail International Small Flat Rate Box <Service ID=""> values:
 - ServiceID="16" (Priority Mail International Small Flat Rate Box)
 - ServiceID="24" (Priority Mail International DVD Flat Rate priced box)
 - ServiceID="25" (Priority Mail International Large Video Flat Rate priced box)
2. APIs impacted: PriorityMailIntl and eVSI-PriorityMailIntl
- Updates: The Priority Mail International Flat Rate Envelopes (PMI FRE) and Small Flat Rate Boxes (PMI SFRB) will be processed through the air parcel stream resulting in the following changes
 - Business rules:
 - The PMI FRE and SFRB label/customs forms image(s) returned in the response will be a 2976A (currently 2976)
 - The weight limit for these products will remain 4 pounds
 - Extra service availability will be modified to more closely follow the other Priority Mail International products:
 - Insurance will be available and will no longer be limited to \$400 (limits vary by country)
 - Electronic USPS Delivery Confirmation International (<ExtraService="9">) will no longer be applicable)
 - Priority Mail International Flat Rate Envelope <Container> values:
 - "FLATRATEENV"
 - "GIFTCARDFLATRATEENV"
 - "LEGALFLATRATEENV"
 - "PADDEDFLATRATEENV"
 - "SMFLATRATEENV"
 - "WINDOWFLATRATEENV"
 - Priority Mail International Small Flat Rate Box <Container> values:
 - "DVBBOX"
 - "SMFLATRATEBOX"
 - "LGVIDEOBOX"
3. APIs impacted: FirstClassMailIntl and eVSI-FirstClassMailIntl
- Updates: First-Class Package International Service (FCPIS) barcode prefix updates
 - When the destination country does not support tracking, FCPIS barcode prefixes will begin with U* (e.g. UX) instead of LJ
 - When the destination country supports tracking, FCPIS barcode prefixes will still begin with LZ

2.3 Production Release: To Be Determined

2.3.1 Priority Mail, First Class Parcel / Package Service, Package Services Labels without postage (API=DeliveryConfirmationV4, SignatureConfirmationV4)

1. Updates: Customs compliance requirements for items destined to military (APO, FPO), diplomatic (DPO), and US Possessions, Territories and Freely Associated States (PTFAS)
 - Request considerations:

- Effective 1/26/16, the full complement of customs data XML inputs were made available optionally for APO/FPO/DPO and PTFAS ZIP Codes
- Effective July 2016 (tentative, exact date TBD), the following customs data XML inputs will be required at a minimum for APO/FPO/DPO and PTFAS ZIP Codes
 - <CustomsContentType> and <WeightInOunces>
- If, based on the <CustomsContentType> and <WeightInOunces>, a customs form is required, the following customs data XML inputs will be required for APO/FPO/DPO and PTFAS ZIP Codes:
 - <ShippingContents> / <ItemDetail> grouping
 - <Description> (required for each item, 256-character maximum)
 - <Quantity> (required for each item, numeric, 4-character maximum)
 - <Value> (required for each item, decimal, 8-character maximum, decimal and cents must be provided (i.e. 12.00))
 - <NetPounds> (ounces or pounds required for each item)
 - <NetOunces> (ounces or pounds required for each item)
 - <HSTariffNumber> (required tag, optional value, 12-character maximum)
 - <CountryOfOrigin> (required tag, optional value, full valid country name per the “Full Country Listing” at <http://pe.usps.com/>)
- Response / image considerations:
 - Effective 1/26:
 - The image in the response for an APO/FPO/DPO+PTFAS label without postage (including Customs Forms Online labels) is a standard domestic shipping label which requires a separate customs forms document
 - Effective in July 2016 (tentative, exact date TBD), the APO/FPO/DPO+PTFAS label image for labels both with and without pre-paid postage will be the integrated 2976A or 2976 customs form with a domestic IMpb barcode
 - The response label image for items destined to APO/FPO/DPO and PTFAS ZIP Codes, when customs forms are required, will be a single ply 4x6” 2976A or 2976 customs form with optional continuation page following the format guidelines at <https://ribbs.usps.gov/index.cfm?page=intcustomsforms>
 - See Appendix A for customs form image sample
- Detailed specifications, including a complete list of required and optional customs data inputs, can be found in the “Domestic Shipping Labels” API documentation at <https://www.usps.com/business/web-tools-apis/documentation-updates.htm>

2.3.2 Priority Mail Express Labels without postage (ExpressMailLabel)

1. Customs compliance requirements for items destined to military (APO, FPO), diplomatic (DPO), and US Possessions, Territories and Freely Associated States (PTFAS)
 - Request considerations:
 - Effective 1/26/16, the full complement of customs data XML inputs were made available optionally for APO/FPO/DPO and PTFAS ZIP Codes
 - Effective July 2016 (tentative, exact date TBD), the following customs data XML inputs will be required at a minimum for APO/FPO/DPO and PTFAS ZIP Codes
 - <CustomsContentType> and <WeightInOunces>
 - If, based on the <CustomsContentType> and <WeightInOunces>, a customs form is required, the following customs data XML inputs will be required for APO/FPO/DPO and PTFAS ZIP Codes:
 - <ShippingContents> / <ItemDetail> grouping
 - <Description> (required for each item, 256-character maximum)
 - <Quantity> (required for each item, numeric, 4-character maximum)
 - <Value> (required for each item, decimal, 8-character maximum, decimal and cents must be provided (i.e. 12.00))
 - <NetPounds> (ounces or pounds required for each item)
 - <NetOunces> (ounces or pounds required for each item)

- <HSTariffNumber> (required tag, optional value, 12-character maximum)
- <CountryOfOrigin> (required tag, optional value, full valid country name per the “Full Country Listing” at <http://pe.usps.com/>)
- Response / image considerations:
 - Effective 1/26:
 - The image in the response for an APO/FPO/DPO+PTFAS label without postage (including Customs Forms Online labels) is a standard domestic shipping label which requires a separate customs forms document
 - Effective in July 2016 (tentative, exact date TBD), the APO/FPO/DPO+PTFAS label image for labels both with and without pre-paid postage will be the integrated 2976A or 2976 customs form with a domestic IMpb barcode
 - The response label image for items destined to APO/FPO/DPO and PTFAS ZIP Codes, when customs forms are required, will be a single ply 4x6” 2976A or 2976 customs form with optional continuation page following the format guidelines at <https://ribbs.usps.gov/index.cfm?page=intcustomsforms>
 - See Appendix A for customs form image sample
- Detailed specifications, including a complete list of required and optional customs data inputs, can be found in the “Domestic Shipping Labels” API documentation at <https://www.usps.com/business/web-tools-apis/documentation-updates.htm>

2.3.3 Product Tracking and Reporting (TrackV2)

1. The following new event codes will be supported by the Track and TrackV2 APIs:

New event codes – Details will be provided in future version	
<EventCode>	<Status> & <Event>
TBD	TBD
Updates to existing event codes – Details will be provided in future version	
<EventCode>	<Status> & <Event>
TBD	TBD

2.3.4 Legacy Track and Confirm (Track)

1. The Track API is planned for retirement in September 2016 – Integrators should migrate to TrackV2. TrackV2 technical specifications can be found in the “Tracking & Delivery Information APIs” user guide at <https://www.usps.com/business/web-tools-apis/documentation-updates.htm>

2.3.5 Customs Form 2976A/CP72 (CustomsCP72V3)

1. The CustomsCP72V3 API is planned for retirement in September 2016. The following APIs should be used to obtain integrated 2976B and 2976A customs forms shipping labels
 - For international destinations:
 - 2976B: Priority Mail Express International (API=ExpressMailIntl)
 - 2976A: Priority Mail International (API=PriorityMailIntl)
 - For domestic destinations (APO/FPO/DPO and possessions, territories, and free associated states):
 - 2976B: Priority Mail Express (API=ExpressMailLabel)
 - 2976A: Priority Mail and other mail classes (API=DeliveryConfirmationV4)
 - Detailed specifications for these APIs can be found at <https://www.usps.com/business/web-tools-apis/documentation-updates.htm> in the guides labeled:
 - International: “Shipping Label APIs: International”
 - Domestic Priority Mail Express: “Priority Mail Express Labels”
 - Domestic Priority Mail and other mail classes: “Domestic Shipping Labels”

2.3.6 Customs Forms 2976/CN22 (CustomsCN22V2)

1. The CustomsCN22V2 API is planned for retirement in September 2016. The following APIs should be used to obtain integrated 2976 customs forms shipping labels
 - For international destinations:
 - 2976: First Class Mail International / First Class Package International Service (API=FirstClassMailInt)
 - For domestic destinations (APO/FPO/DPO and possessions, territories, and free associated states):
 - 2976: First-Class Package Service and other mail classes (API=DeliveryConfirmationV4)
 - Detailed specifications for these APIs can be found at <https://www.usps.com/business/web-tools-apis/documentation-updates.htm> in the guides labeled:
 - International: "Shipping Label APIs: International"
 - Domestic Priority Mail and other mail classes: "Domestic Shipping Labels"

2.4 New and Recently Released APIs

Contact webtools@usps.gov for registration and detailed specifications for the following new APIs

2.4.1 Secure (https) API Support

1. Summary: The following APIs previously available through an http connect are available, effective 2/28/16, through a secure (https) connection (these APIs will still be available via http):
 - RateV4 (Price Calculator)
 - IntlRateV2 (Price Calculator)
 - TrackV2 (Tracking and Delivery Information)
 - CityStateLookup (Address)
 - StandardB (Domestic Mail Service Standards)
 - PriorityMail (Domestic Mail Service Standards)

2.4.2 Redelivery and Delivery Instructions APIs

1. Summary: APIs are available to USPS partners that wish to offer Redelivery and Delivery Instructions capabilities within their ecommerce customer experience or USPS shipping fulfillment. Specific agreements with USPS are required.

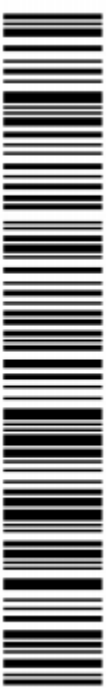



2.4.3 Package Intercept API

1. Summary: APIs are available that allow initiation of a Package Intercept request and query for the status of a Package Intercept request. Specific agreements with USPS are required.

3 Appendices

3.1 Appendix A – Domestic Customs Forms / Label Images

3.1.1 eVS sample label / customs forms to military (APO/FPO) destination

 9205 5901 0650 7600 0714 92	F R O M	7771234567 JON SENDER 2600 CAMPUS RD HONOLULU HI 96822-2224	CP72-CUSTOMS DECLARATION		P	PRIORITY MAIL MILITARY U.S. POSTAGE PAID Not Valid Test Label eVS		
		Origin Post: US POSTAL SERVICE	Date of Mailing: 12/14/15					
		Importer's reference:						
		Importer's contact:						
	Detailed description of contents		Qty	Net Weight (lbs oz)	Value (US\$)	HS Tariff Number	Origin Country	Insured Value: \$ 0.00
	Description 1		9999	0 1	1.11			SDA Value: \$ 0.00
								Insured Fee: \$
								Postal charges/ Fees: \$ 6.20
	Category of Items: MERCHANDISE		TOTAL	0 1	1.11	I certify the particulars given in this customs declaration are correct. This 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 law and regulations.		
	Exporter's reference:		Exporter's contact:		Total Dimensions: L: 6 W: 10 H: 4		Sender's Signature and Date JON SENDER 12/11/2015	
AES ITN Exemption 30.36A		Invoice License Certificate No (s)		Return to Sender Instructions in case of nondelivery:				
								
T O		JOSEPH CLEAN POSTAL SERVICE UNIT 15345 61ST MAINT CO APO AP 96258		Overseas Military/Diplomatic Mail				

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

Notes:

- The above format applies also to DPO and US Possessions, Territories and Freely Associated States ZIP Codes
- The following APIs will have similar customs forms image outputs for military, diplomatic and Possessions, Territories and Freely Associated States: DeliveryConfirmationV4, SignatureConfirmationV4 and ExpressMailLabel API image outputs
- The image outputs will be a 2976B, 2976A or 2976 based on mail class; all will have the same dimensional footprint

3.2 Appendix B – Sample XML Requests

This section provides sample XML requests to the CAT/staging environment that demonstrate some of the changes implemented to our APIs in this release. These requests are provided as a reference to aid in your understanding of the changes and in your integration with our updated APIs. You should still complete all your usual testing and verification processes to ensure that your system is communicating properly with the most updated version of Web Tools.

Please note that you must place your valid USERID into the request. Sample responses are provided below the sample requests to illustrate the changes that will occur to the XML schema. Please note that the data within the tags may differ depending on inputs provided. Areas of note are highlighted.

TrackV2 Sample Request (Section 2.1.3)

This is a sample TrackV2 “TrackFields” request that can be used in conjunction with test tracking barcode numbers to illustrate the new and updated event codes and their descriptions outlined in Section 2.1.3. Tracking numbers: **TBD**

<http://stg-production.shippingapis.com/ShippingAPI.dll?API=RateV4&XML=>

TBD

DeliveryConfirmationV4 Sample Request

This request illustrates the new customs data inputs required for military and diplomatic destinations and possessions, territories and freely associated states. The response schema will not be altered, however, a new label/customs form image will be returned (see Appendix A). These changes also apply to the following APIs: ExpressMailLabel, SignatureConfirmationV4

[https://stg-](https://stg-secure.shippingapis.com/shippingapi.dll?API=DeliveryConfirmationV4&XML=<DeliveryConfirmationV4.0Request)

[secure.shippingapis.com/shippingapi.dll?API=DeliveryConfirmationV4&XML=<DeliveryConfirmationV4.0Request](https://stg-secure.shippingapis.com/shippingapi.dll?API=DeliveryConfirmationV4&XML=<DeliveryConfirmationV4.0Request)

USERID="xxxx">

<Option>1</Option>

<Revision>2</Revision>

<ImageParameters />

<FromName>Samuel L Chafin</FromName>

<FromFirm />

<FromAddress1 />

<FromAddress2>901 D ST SW</FromAddress2>

<FromCity>WASHINGTON</FromCity>

<FromState>DC</FromState>

<FromZip5>20024</FromZip5>

<FromZip4>2169</FromZip4>

<ToName>Joseph Morgan</ToName>

<ToFirm>US ARMY</ToFirm>

<ToAddress1>UNIT 15345</ToAddress1>

<ToAddress2>61ST MAINT CO</ToAddress2>

<ToCity>APO</ToCity>

<ToState>AP</ToState>

<ToZip5>96258</ToZip5>

<ToZip4></ToZip4>

<WeightInOunces>10</WeightInOunces>

<ServiceType>Priority</ServiceType>

<InsuredAmount></InsuredAmount>

<WaiverOfSignature>False</WaiverOfSignature>

<SeparateReceiptPage>False</SeparateReceiptPage>

<POZipCode />

<ImageType>PDF</ImageType>

<CustomerRefNo>44</CustomerRefNo>

<AddressServiceRequested>True</AddressServiceRequested>


```
<SenderName />
<SenderEMail />
<RecipientName />
<RecipientEMail />
<AllowNonCleansedDestAddr>Y</AllowNonCleansedDestAddr>
<HoldForManifest>N</HoldForManifest>
<Container></Container>
<Size>Regular</Size>
<Width />
<Length />
<Height />
<Girth />
<Machinable>True</Machinable>
<CommercialPrice>>true</CommercialPrice>
<ExtraServices>
<ExtraService>
</ExtraService></ExtraServices>
<ShippingContents>
  <ItemDetail>
    <Description>Description 1</Description>
    <Quantity>9999</Quantity>
    <Value>1.11</Value>
    <NetPounds></NetPounds>
    <NetOunces>1</NetOunces>
    <HSTariffNumber>234567</HSTariffNumber>
    <CountryOfOrigin>AU</CountryOfOrigin>
  </ItemDetail>
</ShippingContents>
<FromPhone>7175551212</FromPhone>
<SenderMID>123456789</SenderMID>
<ToPhone>5705551212</ToPhone>
<CustomsContent Type>sample</CustomsContent Type>
<ContentComments>Testing</ContentComments>
<RestrictionType>Phytosanitary Inspection</RestrictionType>
<RestrictionComments>Testing</RestrictionComments>
<AESITN>30.37a</AESITN>
<ImportersReference>IR-12345</ImportersReference>
<ImportersContact>j.morgan87@usps.gov</ImportersContact>
<ExportersReference>ER-12345</ExportersReference>
<ExportersContact>j.morgan87@usps.gov</ExportersContact>
<InvoiceNumber>Invoice89012345</InvoiceNumber>
<LicenseNumber>License Number12</LicenseNumber>
<CertificateNumber>CertificateX</CertificateNumber>
</DeliveryConfirmationV4.0Request>
```