



Web Tools Release Notes

Version 1.9

Application: Web Tools APIs
Package Name: 2021 Updates
Package Version: 1.9

Table of Contents

| | | |
|------|---------------------------------------------------------------|----|
| 1 | Revision History | 1 |
| 2 | Implementation Summary | 3 |
| 2.1 | Production Release: January 21, 2021 | 3 |
| 2.2 | Production Release: February 26, 2021 | 4 |
| 2.3 | Production Release: March 26, 2021 | 5 |
| 2.4 | Production Release: April 22, 2021 | 5 |
| 2.5 | Production Release: May 21, 2021 | 6 |
| 2.6 | Production Release: June 24, 2021 | 7 |
| 2.7 | Production Release: July 29, 2021 | 9 |
| 2.8 | Production Release: August 27, 2021 | 9 |
| 2.9 | Production Release: September 30, 2021 | 9 |
| 2.10 | Production Release: October 28, 2021 | 9 |
| 2.11 | Production Release: November 18, 2021 | 9 |
| 2.12 | Production Release: To Be Determined | 9 |
| 3 | Appendices | 11 |
| 3.1 | Appendix A – Price Calculator and Label APIs | 11 |
| 3.2 | Appendix B – Sample API Requests, Responses, and Labels | 12 |
| 3.3 | Appendix C – HTTPS/Secure Web Tools APIs | 17 |

1 Revision History

| Date | Author | File Version | Change Description |
|-----------|---------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/11/2021 | Maggie Tillar | V1.1 | Initial external version |
| 2/3/2021 | Maggie Tillar | V1.3 | - Jan Release section 2.1 marked complete (gray font) - Feb Release sections 2.2.2 and 2.2.3 added - March Release sections: 2.3.1, 2.3.4-6 added - March Release sections: 2.3.2-3, 2.3.7 updated - Appendix C updated |
| 3/8/2021 | Maggie Tillar | V1.5 | - Feb Release section 2.2 marked complete - March Release sections: 2.3.1-2 updated - April Release section 2.4 added; note new date |

| | | | |
|-----------|---------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | <ul style="list-style-type: none">- June Release section 2.6 added- TBD section 2.12 updated- Appendix C sections: 3.3.1 and 3.3.3 updated |
| 4/12/2021 | Maggie Tillar | V1.7 | <ul style="list-style-type: none">- March Release section 2.3 marked complete- April Release section 2.4.1 updated- May Release section 2.5 date updated; sections 2.5.2-3 updated- June Release sections: 2.6.1 updated; 2.6.2-3 added- TBD section 2.12 updated |
| 5/12/2021 | Maggie Tillar | V1.9 | <ul style="list-style-type: none">- April Release section 2.4.1 marked complete- May Release sections: 2.5.2-3 updated- June Release section 2.6.3 updated- TBD section 2.12 updated |

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.

Note: Gray font indicates changes have been implemented in production.

2.1 Production Release: January 21, 2021

External testing: January 4, 2021

The API changes noted below will be released to production in the late-night hours of January 21. USPS is enacting a Price Change on January 24, 2021, which will be available on January 21 when using a ship date of January 24 or beyond. All domestic and international price calculator and shipping label APIs will reflect updated pricing in XML responses, on shipping label images, and in the Shipping Services Files (see Appendix A for full list of price calculator and label APIs). For information on specific prices being updated, please go to <https://about.usps.com/newsroom/national-releases/2020/1009-usps-announces-new-prices-for-2021.htm>.

Changes beyond basic price updates are explained below, per API.

2.1.1 International Price Calculator API - First-Class Package International Service (FCPIS) Size Limit Updates (API=IntlRateV2)

1. Updates to the IntlRateV2 API to allow integrators to indicate their package is a roll so that the appropriate roll dimensions validation per IMM 251.22-23 (reference: https://pe.usps.com/text/imm/immc2_021.htm) is used instead of the current non-roll dimension validation.
 - Web Tools will add <Container> tag with a new enumeration "ROLL."
 - When package is a roll, integrators should pass <Container>="ROLL" in XML request to return accurate pricing and availability in XML response with dimensions validated correctly.
 - Reference Appendix B for example
2. Updates to the IntlRateV2 API to support new FCPIS minimum dimensions of 6 inches length x 4 inches height for non-roll packages. Reference: https://about.usps.com/postal-bulletin/2020/pb22562/html/updt_002.htm for details.
 - Web Tools will validate dimensions provided in XML request. Dimensions that do not meet the new minimum requirements for FCPIS non-roll packages will result in FCPIS not being returned as an available service in the XML response.

2.1.2 International eVS Label APIs - First-Class Package International Service (FCPIS) Size Limit Updates

1. Updates to the eVS First-Class Mail International Label API (API=eVSFirstClassMailIntl) to allow integrators to indicate their package is a roll so that the appropriate roll dimensions validation per IMM 251.22-23 (reference: https://pe.usps.com/text/imm/immc2_021.htm) is used.
 - New <Container> request tag added with enumeration "ROLL".
 - When package is a roll, integrators should pass <Container>="ROLL" in XML request to return accurate response with dimensions validated correctly.
 - When <Container>="ROLL" indicated in XML request, errors will return if dimensions provided in XML request do not meet IMM 251.22 requirements (reference: https://pe.usps.com/text/imm/immc2_021.htm).
 - Reference Appendix B for example

2. Updates to the eVS First-Class Mail International Label API (API= eVSFirstClassMailIntl) to support new First-Class Package International Service (FCPIS) minimum dimensions of 6 inches length x 4 inches height for non-roll packages. Reference https://about.usps.com/postal-bulletin/2020/pb22562/html/updt_002.htm for details.
 - o Web Tools will validate dimensions provided in XML request. Dimensions that do not meet the new minimum requirements for FCPIS non-roll packages will result in an error being returned.

2.1.3 External Post Office Locator API Updates (API=POLocatorV2Ext)

1. Web Tools will no longer return the <LBRORetail> response tag in the External Post Office Locator API (API=POLocatorV2Ext). Label broker printing at retail will instead be indicated by <Service> enumeration “LBRORETAIL” returned for USPS facilities where available.
 - o Reference Appendix B for examples

2.1.4 Maintenance

1. eVS (Domestic) Label API (API=eVS) will be updated to resolve longer <FromFirm> values passed in XML request not printing on the label image.
2. eVS (Domestic) Label API (API=eVS) will be updated to resolve inconsistent <FromFirm> and <ToFirm> truncation on the label image. Due to space limitations on label, values for these tags will be truncated to 32 characters.
3. Shipping Partner Event (SPE) file error handling logic will be updated:
 - o When SPE manifesting process fails, Web Tools will retry until SPE file transmitted regardless of when the associated Shipping Services File is created.
4. eVS (Domestic) Label API will be updated to resolve overlap defects on label indicia:
 - o “USPS Permit No. G-10” run-off will be resolved for eVS G-10 ZPL labels
 - o Permit Holder Name run-off will be resolved for eVS domestic labels.

2.2 Production Release: February 26, 2021

External testing: February 8, 2021

2.2.1 Sunday/Holiday API Updates (API=SundayHolidayAvailability)

1. Web Tools will make updates to grant SundayHolidayAvailability API permissions automatically upon Web Tools registration. This will allow integrators to obtain Sunday and holiday delivery availability for a given origin/destination ZIP Code pair without additional permissions granted by the Web Tools Program Office.
 - o Contact webtools@usps.gov for any questions or detailed specifications.

2.2.2 USPS Web Tools Security Certificate Updates – Test Environment (effective 2/2/21)

1. USPS Web Tools will update the below staging/testing and production security certificates (reference table below). Please be sure your servers are compatible with the latest security certificates.
 - o Systems that interface with the Web Tools APIs may be impacted by this change and will need to update the certificates used to connect to Web Tools. Please see the complete list of certificates being updated below. Contact your certificate/service provider for issue resolution.
 - o Integrators should test their integration using the URLs listed for each security certificate.
 - o For a full listing of impacted APIs for each certificate update, refer to Appendix C (sections 3.3.2 and 3.3.4 only)

| Status | Common Name (CN) | Envir. | URLS | Deployment Date |
|----------|-----------------------------|--------|---------------------------------------------------------------------------------------------------------|-----------------|
| Complete | stg-secure.shippingapis.com | TEST | https://stg-secure.shippingapis.com/ | 2/2/2021 |
| Complete | Web Tools 2.0 APIs | TEST | https://cat-webtools.usps.com/ | 2/2/2021 |
| Complete | White Label APIs | TEST | https://staging-whitelabel.shippingapis.com/ | 2/2/2021 |

| | | | | |
|-----------|-------------------------|------|-----------------------------------------------------------------------------------------|----------|
| Scheduled | secure.shippingapis.com | PROD | https://secure.shippingapis.com/ | 3/2/2021 |
| Scheduled | Web Tools 2.0 APIs | PROD | https://webtools.usps.com/ | 3/2/2021 |
| Scheduled | White Label APIs | PROD | https://whitelabel.shippingapis.com/ | 3/2/2021 |

Table 1: USPS Web Tools Security Certificate Schedule

2.2.3 Maintenance

- Integrator vulnerability updates - Web Tools will update all API error responses to protect integrators who may not be adequately protected in the event Web Tools APIs are exploited in a malicious attack.
 - Web Tools will HTML encode XML request inputs that are returned in the error XML response preventing malicious code from returning from Web Tools to integrators.

2.3 Production Release: March 26, 2021

External testing: March 8, 2021

2.3.1 USPS Web Tools Security Certificate Updates – PROD (effective 3/2/21)

- USPS Web Tools will update the below production security certificates (reference table below). Please be sure your servers are compatible with the latest security certificates.
 - Systems that interface with the Web Tools APIs may be impacted by this change and will need to update the certificates used to connect to Web Tools. Please see the complete list of certificates being updated below. Contact your certificate/service provider for issue resolution.
 - Integrators should test their integration using the URLs listed for each security certificate.
 - For a full listing of impacted APIs for each certificate update, refer to Appendix C (sections 3.3.2 and 3.3.4 only)

| Status | Common Name (CN) | Envir. | URLS | Deployment Date |
|----------|-------------------------|--------|-----------------------------------------------------------------------------------------|-----------------|
| Complete | secure.shippingapis.com | PROD | https://secure.shippingapis.com/ | 3/2/2021 |
| Complete | Web Tools 2.0 APIs | PROD | https://webtools.usps.com/ | 3/2/2021 |
| Complete | White Label APIs | PROD | https://whitelabel.shippingapis.com/ | 3/2/2021 |

Table 2: USPS Web Tools Security Certificate Schedule

2.3.2 Maintenance

- Updates to monitor, optimize, and prevent generation of duplicate barcodes for the eVS (Domestic) Label API (API=eVS).

2.4 Production Release: April 22, 2021

External testing: April 12, 2021

2.4.1 Maintenance

- The eVS Domestic and International Label APIs will be updated to resolve overlap defects on ZPL 203dpi and 300dpi images.
- The eVS (Domestic) API will be updated to correct an incorrect error message returned for the <ToContactMessaging> tag when <ToContactPreference>="SMS" is provided in the XML request.
- All domestic label APIs will be updated to correct an issue with address standardization. Reference Appendix A section 3.1.3 for a complete list of APIs.
 - A limited subset of street addresses passed correctly in <Address2> request tag was incorrectly parsed in the response. The API typically splits primary and secondary street address information due to space limitations on the label. The fix will resolve an issue where the primary address was incorrectly split resulting in the incorrect address returned and printed on the label.

2.5 Production Release: May 21, 2021

External testing: May 10, 2021

2.5.1 Priority Mail Express Commitment Updates

1. Web Tools will support updated Priority Mail Express (PME) commitment times.
 - Impacted APIs:
 - RateV4
 - SDCGetLocations
 - ExpressMailCommitment
 - SundayHolidayAvailability
 - eVS
 - There will be no XML request/response structural changes, however integrators are encouraged to test and verify they receive correct Priority Mail Express (PME) commitment times.
 - Extra service 161 for Priority Mail Express 10:30 AM delivery will no longer be supported.
 - Contact webtools@usps.gov for any questions.

2.5.2 USPS Returns Label API Updates (API=USPSReturnsLabel)

1. Web Tools will update the USPS Returns Label API (API=USPSReturnsLabel) to support insurance and Shipping Services File creation. Integrators interested in obtaining API access will need to contact the USPS Mailing & Shipping Solutions Center (MSSC) at 1-877-672-0007 for initial onboarding before using the API.
 - The USPS Returns Label API will support the following configuration options determined during initial customer onboarding:
 - Non-manifesting (SSF) Option: Supports creation of returns label to a single delivery destination address configured per Web Tools UserID with the option of Signature Confirmation extra service. Unique ZIP4 for returns supported. Note: The ability to generate returns labels to multiple delivery destinations requires separate Web Tools UserIDs for each destination address.
 - Manifesting (SSF) Option (new): Supports creation of returns label to a configured delivery destination address with options for Signature Confirmation and Insurance extra services. Unique ZIP4 for returns supported. A Shipping Services File will be submitted by Web Tools for returns labels on behalf of the integrator.
 - Manifesting (SSF) eFulfillment for Returns Option (new): Supports creation of returns label for eFulfillment returns customers to a delivery destination address collected in the API request with options for Signature Confirmation and Insurance extra services. A Shipping Services File will be submitted by Web Tools for returns labels on behalf of the integrator.
 - A summary of features the USPS Returns Label API will support is included in the below table.
 - Note: Eligibility of each API feature will be determined by customer manifesting configuration described in above section 2.5.2.1 (i.e., Non-manifesting Option vs. Manifesting Options).
 - For detailed USPS Returns Label API specifications contact webtools@usps.gov.

| USPS Returns Label API Feature | Non-manifesting Option | Manifesting Option (not eFulfillment) | Manifesting Option (eFulfillment) |
|--------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| <i>USPS Returns Services:</i> | - | - | - |
| ○ PRIORITY MAIL RETURN SERVICE | Available | Effective 5/21/21 | Effective 5/21/21 |
| ○ FIRST-CLASS PACKAGE RETURN SERVICE | Available | Effective 5/21/21 | Effective 5/21/21 |
| ○ GROUND RETURN SERVICE | Available | Effective 5/21/21 | Effective 5/21/21 |
| <i>Extra Services:</i> | - | - | - |
| ○ Signature Confirmation | Available | Effective 5/21/21 | Effective 5/21/21 |

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|
| o Insurance | N/A | Effective 5/21/21 | Effective 5/21/21 |
| Receipt Image | Available | Effective 5/21/21 | Effective 5/21/21 |
| Ability to use multiple delivery destination addresses per Web Tools UserID. (Address collected in XML request and submitted in SSF) | N/A | N/A | Effective 5/21/21 |
| Ability to specify Customer Reference Number(s) on label | Effective 5/21/21 | Effective 5/21/21 | Effective 5/21/21 |
| Ability to specify attention line on label for Delivery Destination Address | Effective 5/21/21 | Effective 5/21/21 | Effective 5/21/21 |
| Support Puerto Rican Origin Addresses | Effective 5/21/21 | Effective 5/21/21 | Effective 5/21/21 |
| Support Priority Mail Cubic Returns Pricing | TBD | TBD | TBD |
| <i>Label Sizes/types:</i> | - | - | |
| o Default (4x6 label and receipt printed on same 8.5x11 page) | Available | Effective 5/21/21 | Effective 5/21/21 |
| o ZPL (203 and 300 dpi) | TBD | TBD | TBD |
| o True 4x6 portrait | Effective 5/21/21 | Effective 5/21/21 | Effective 5/21/21 |
| o True 6x4 landscape | Effective 5/21/21 | Effective 5/21/21 | Effective 5/21/21 |
| o True 4x4 (restricted) | TBD | TBD | TBD |
| USPS Tracking Email | Available | Effective 5/21/21 | Effective 5/21/21 |
| USPS Tracking Email with PDF returns label attachment | Effective 5/21/21 | Effective 5/21/21 | Effective 5/21/21 |
| Support unique returns ZIP4 | Effective 5/21/21 | Effective 5/21/21 | N/A |
| Generate Shipping Services File | N/A | Effective 5/21/21 | Effective 5/21/21 |
| Label reporting | Effective 5/21/21 | Effective 5/21/21 | Effective 5/21/21 |

Table 3: USPS Returns Label API Features by User API Configuration

2.5.3 Domestic Price Calculator API Updates – USPS Returns (API=RateV4)

- Web Tools will update the RateV4 API to support USPS Returns pricing and availability.
 - New <Service> request tag enumerations:
 - "Priority Mail Returns" (Priority Mail Return service)
 - "Priority Mail Cubic Returns" (Priority Mail Cubic Return service) Note: this pricing will not be supported within the USPSReturnsLabel API.
 - "Ground Returns" (Ground Return service)
 - "First Class Returns" (First-Class Package Return service)
 - Contact webtools@usps.gov for any questions.

2.6 Production Release: June 24, 2021

External testing: June 7, 2021

2.6.1 Unsecure HTTP Endpoint Retirement

- Effective June 24th, 2021, Web Tools will remove support for all unsecure HTTP endpoints.
 - After this change, all Web Tools API requests to an unsecure HTTP endpoint will fail. To continue using the Web Tools APIs, all requests must be made using secure HTTPS endpoints.
 - Integrators currently using an unsecure HTTP endpoint should transition as soon as possible to the appropriate secure HTTPS endpoint below to prevent any loss of service.
 - This change will impact only the API endpoints; the API request and response schemas will not change.
 - Contact webtools@usps.gov for questions.

| Envir. | Unsecure HTTP Endpoint | Retirement Date | New Secure HTTP Endpoint |
|--------|--------------------------------------------------------|-----------------|---------------------------------------------------------|
| TEST | http://stg-production.shippingapis.com/ShippingApi.dll | 06/24/2021 | https://stg-production.shippingapis.com/ShippingApi.dll |
| PROD | http://production.shippingapis.com/ShippingApi.dll | 06/24/2021 | https://production.shippingapis.com/ShippingApi.dll |

Table 4: Unsecure HTTP Endpoint Retirement Schedule

2.6.2 eVS Domestic Label API – Global Direct Entry (GDE) Updates

1. Web Tools will update the eVS Domestic Label API to identify Global Direct Entry (GDE) customers and verify mail class and extra services provided in the request are supported by GDE when generating eVS labels.
 - o Helpdesk Utility updates will allow eVS integrators to be flagged as GDE customers.
 - o New GDE-specific Service Type Codes (STCs) will be supported within the eVS Domestic API (API=eVS) for use in the barcode and Shipping Services File. Reference table below.
 - o Web Tools will verify GDE customer requests must include a combination of mail class (service) and extra service supported by GDE when generating eVS Domestic labels otherwise a new error will return.
 - o Web Tools will update the Shipping Services File for GDE customers to always include an extra service code value of “365” in the D1 pos #44 Extra Service Code 1st Service field to indicate GDE.
 - o Contact webtools@usps.gov for questions.

| STC | Description | Class of Mail | Banner Text |
|-----|--------------------------------------------------------------------------|---------------|---------------------------|
| 124 | Priority Mail - Global Direct Entry | PM | USPS TRACKING # |
| 125 | Priority Mail Signature Confirmation - Global Direct Entry | PM | USPS SIGNATURE TRACKING # |
| 144 | First Class Package Service - Global Direct Entry | FC | USPS TRACKING # |
| 145 | First Class Package Service Signature Confirmation - Global Direct Entry | FC | USPS SIGNATURE TRACKING # |
| 626 | Parcel Select - Global Direct Entry | PS | USPS TRACKING # |

Table 5: eVS Domestic Label API GDE STCs

2.6.3 eVS Parcel Select Destination Entry Updates

1. Summary: Web Tools will make API updates as noted below to support Parcel Select Destination Entry (PSDE) and Parcel Select Lightweight (PSLW) label creation for eVS integrators.
 - o Note: Additional details will be added in future versions of the release notes.
 - o Contact webtools@usps.gov for questions or detailed specifications.
2. eVS Label API Updates (API=eVS) - Web Tools will update the eVS Domestic Label API to support PSDE and PSLW label creation for approved eVS commercial integrators.
 - o New <ServiceType> options “PARCEL SELECT DE” and “PARCEL SELECT LW” will be added.
 - o New additional request tags will be added to collect:
 - Destination Entry Facility
 - Sortation
 - Sort Container Type
 - Container ID (IMcb)
 - Surcharge Type and Amount
 - Shipment Fee Code and Extra Fee for Shipment
 - Discount Type and Amount
 - o Note: The new request tag to collect a Container ID (IMcb) and associate to the eVS IMpb should be populated in the eVS API XML request if available to the integrator at the time of eVS PSDE or PSLW label creation.

- Label image updates to support eVS PSDE and PSLW
- 3. New Container API (Name TBD) – Web Tools will support a new API to allow eVS Parcel Select Destination (PSDE) and Parcel Select Lightweight (PSLW) integrators to create/provide a container ID (IMcb) and associate to their eVS PSDE/PSLW packages (IMpbs).
 - eVS integrators who do not know their container ID upon creation of eVS PSDE and PSLW IMpbs will use this API to associate eVS PSDE and PSLW IMpbs to a container.
 - Integrators will have the option to provide a Container ID (IMcb) or use the API to generate one when associating IMpbs to a container.
- 4. SCAN API Updates (API=SCAN) – Web Tools will update the SCAN API to accept and associate a Container ID (and associated eVS Parcel Select DE and PSLW IMpbs) to a SCAN Form barcode.
- 5. Shipping Services File updates – Web Tools will make updates to generate the Shipping Services File for eVS Parcel Select Destination Entry (PSDE) and Parcel Select Lightweight (PSLW) labels.

2.7 Production Release: July 29, 2021

Internal testing: July 5, 2021; External testing: July 12, 2021

Items will be moved to this release when scheduled and included in future versions of the release notes

2.8 Production Release: August 27, 2021

Internal testing: August 2, 2021; External testing: August 9, 2021

Items will be moved to this release when scheduled and included in future versions of the release notes

2.9 Production Release: September 30, 2021

Internal testing: September 6, 2021; External testing: September 13, 2021

Items will be moved to this release when scheduled and included in future versions of the release notes

2.10 Production Release: October 28, 2021

Internal testing: October 4, 2021; External testing: October 11, 2021

Items will be moved to this release when scheduled and included in future versions of the release notes

2.11 Production Release: November 18, 2021

Internal testing: November 1, 2021; External testing: November 8, 2021

Items will be moved to this release when scheduled and included in future versions of the release notes

2.12 Production Release: To Be Determined

Items will be moved to release dates as scheduled and included in future versions of the release notes

1. Customs Forms API Restrictions – Web Tools will prohibit external use of the Customs Form CN22 (API=CustomsCN22V2) and Customs Form CP72 (API=CustomsCP72V3) APIs.
2. Merchandise Return Service (MRS) Label APIs – Retirement (APIs= MerchandiseReturnV4, MerchReturnV4Bulk) - Web Tools will retire the Merchandise Return Service Label (API=MerchandiseReturnV4) and Merchandise Return Service Bulk Label (API=MerchReturnV4Bulk) APIs effective TBD.
 - Current Merchandise Return Service (MRS) API integrators should contact the USPS Mailing & Shipping Solutions Center (MSSC) at 1-877-672-0007 to transition from the MRS API to the new Web Tools USPS Returns Label API immediately. Business hours for the MSSC are Monday-Friday from 7:00 AM-7:00 PM Central.
3. International Price Calculator API, Label APIs, and GXG APIs will be updated to return correct service availability for country or territory indicated in XML request – reference Appendix A sections: 3.1.2 and 3.1.4 for full list of international price calculator and label APIs.

- Current logic returns availability for a parent country even when a child territory is included in XML request. Web Tools will update to use the country or territory provided in the request to resolve inaccurate availability being returned when service availability differs between the parent country and child territory.
 - Example: Norfolk Island (Australia) – Australia is the parent country of child territory Norfolk Island. Norfolk Island does not have GXG service but Australia does. Web Tools updates will return the correct availability for the country or child territory provided and update any error messages to reference the country or child territory. Note: USPS service availability by country is subject to frequent updates and can be found at: <https://postcalc.usps.com/Calculator/Index?country=10440>.
 - Updates will not result in any XML request/response structural changes, but integrators should test to confirm they see correct availability returned when a child territory is indicated in the XML request.
4. International Price Calculator API - Outbound Commercial Provider Initiative (OCPI) Updates: Web Tools will update the International Price Calculator APIs (APIs=IntlRate, IntlRateV2) to support accurate pricing and availability for international destination countries where OCPI logistics providers are used.
- There will be no XML request/response structural changes, however integrators are encouraged to test and verify they receive correct pricing and availability.
5. eVS International Label APIs - Outbound Commercial Provider Initiative (OCPI) Updates: Web Tools will update the eVS International Label APIs to support the generation of a new PS 2976-C customs form when required by OCPI logistics providers to applicable destination countries.
- Impacted APIs:
 - eVS Priority Mail Express International Label API (API=eVSPriorityMailExpressIntl)
 - “E” service icon with “OCPI” printed at the bottom.
 - eVS Priority Mail International Label API (API=eVSPriorityMailIntl)
 - “P” service icon with “OCPI” printed at the bottom.
 - PS 2976-C customs form will display “CUSTOMS DECLARATION” on top of form.
 - PS 2976-C customs form will display the correct form name and date in the footer.
 - Updates impact only the label image returned. Current barcode prefix/ranges, XML response, and Shipping Services File will remain unchanged.
 - PS 2976-C customs form will only return for applicable destination countries. Global Express Guaranteed (GXG) and APO/FPO/DPO+PTFAS destinations will not support the PS 2976-C customs form.
 - Contact webtools@usps.gov for any questions.
6. Priority Mail Express Commitment Updates
- Web Tools will update the Priority Mail Express receipt image remove legacy options and display a “6PM” commitment checkbox.
 - Impacted APIs: TBD

3 Appendices

3.1 Appendix A – Price Calculator and Label APIs

3.1.1 Domestic Price Calculator APIs

| Description | API Name |
|---------------------------|----------|
| Domestic Price Calculator | RateV4 |

3.1.2 International Price Calculator APIs

| Description | API Name |
|--------------------------------|-----------------------------------|
| International Price Calculator | IntlRateV2, IntlRate (deprecated) |

3.1.3 Domestic Label APIs

| Description | API Name |
|---------------------------------|---------------------|
| Merchandise Return Service | MerchandiseReturnV4 |
| Merchandise Return Service Bulk | MerchReturnV4Bulk |
| USPS Returns Label | USPSReturnsLabel |
| eVS Domestic | eVS |
| SCAN Form | SCAN |

3.1.4 International Label APIs

| Description | API Name |
|-------------------------------------------|----------------------------|
| Priority Mail Express International – eVS | eVSExpressMailIntl |
| Priority Mail International – eVS | eVSPriorityMailIntl |
| First Class Mail International - eVS | eVSFirstClassMailIntl |
| GXG Get Label – eVS | eVSGXGGetLabel |
| Customs Form CN22 | CustomsCN22V2 (deprecated) |
| Customs Form CP72 | CustomsCP72V3 (deprecated) |

3.2 Appendix B – Sample API Requests, Responses, and Labels

3.2.1 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 your typical testing and verification processes to ensure that your system is communicating properly with the most updated versions of the Web Tools APIs.

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. Please note that the data within the tags may differ depending on inputs provided. Areas of note are highlighted.

IntlRateV2 API Sample Request

January 2021 Release reference 2.1.1: Roll indicated with new <Container>="ROLL" request tag with dimensions that meet FCPIS roll validation.

```
<IntlRateV2Request USERID="XXXXXXXX " >
<Revision>2</Revision>
<Package ID="1">
<Pounds>1</Pounds>
<Ounces>0</Ounces>
<Machinable>True</Machinable>
<MailType>ALL</MailType>
<GXG>
<POBoxFlag>N</POBoxFlag>
<GiftFlag>N</GiftFlag>
</GXG>
<ValueOfContents>25</ValueOfContents>
<Country>Australia</Country>
<Container>ROLL</Container>
<Width>12</Width>
<Length>10</Length>
<Height>18</Height>
<OriginZip>44026</OriginZip>
<CommercialFlag>Y</CommercialFlag>
<CommercialPlusFlag>N</CommercialPlusFlag>
<ExtraServices>
<ExtraService>9</ExtraService>
</ExtraServices>
<AcceptanceDateTime>2021-12-28T14:30:51-06:00</AcceptanceDateTime>
<DestinationPostalCode>4519</DestinationPostalCode>
<Content>
<ContentType>Documents</ContentType>
<ContentDescription>Papers</ContentDescription>
</Content>
</Package>
</IntlRateV2Request>
```

IntlRateV2 API Sample Response

January 2021 Release reference 2.1.1: Dimensions validated and FCPIS returned

```
<IntlRateV2Response>
<Package ID="1">
...
<Service ID="15">
<Pounds>1</Pounds>
<Ounces>0</Ounces>
<Machinable>True</Machinable>
<MailType>ALL</MailType>
<Width>12</Width>
<Length>10</Length>
<Height>18</Height>
<Country>AUSTRALIA</Country>
<Postage>27.75</Postage>
```

```

<CommercialPostage>26.36</CommercialPostage>
<ExtraServices>
...
</ExtraServices>
<ValueOfContents>25.00</ValueOfContents>
<InsComment>SERVICE</InsComment>
<SvcCommitments>Varies by destination</SvcCommitments>
<SvcDescription>First-Class Package International Service<sup>&#8482;&/sup></SvcDescription>
<MaxDimensions>Other than rolls: Max. length 24", max length, height and depth (thickness) combined 36"<br>Rolls: Max. length 36".
Max length and twice the diameter combined 42"</MaxDimensions>
<MaxWeight>4</MaxWeight>
</Service>
</Package>
</IntlRateV2Response>

```

eVSTFirstClassMailIntl API Sample Request

January 2021 Release reference 2.1.2: XML request indicating package is roll with dimensions exceeding allowable FCPIIS roll dimensions

```

<eVSTFirstClassMailIntlRequest USERID="XXXXXXXXXX">
  <Revision>2</Revision>
  <ImageParameters>
    <ImageParameter>4X6LABELL</ImageParameter>
  </ImageParameters>
  <FromFirstName>Joseph</FromFirstName>
  <FromMiddleInitial/>
  <FromLastName>Jones</FromLastName>
  <FromFirm>Postal Service</FromFirm>
  <FromAddress1>Suite 101</FromAddress1>
  <FromAddress2>901 D Street SW</FromAddress2>
  <FromCity>Washington</FromCity>
  <FromState>DC</FromState>
  <FromZip5>20024</FromZip5>
  <FromZip4>6129</FromZip4>
  <FromPhone>9198887652</FromPhone>
  <ToFirstName>Jon</ToFirstName>
  <ToLastName>John</ToLastName>
  <ToFirm>Australia Zoo</ToFirm>
  <ToAddress1>1638 Steve Irwin Way</ToAddress1>
  <ToCity>Beerwah</ToCity>
  <ToProvince>QLD</ToProvince>
  <ToCountry>AUSTRALIA</ToCountry>
  <ToPostalCode>4519</ToPostalCode>
  <ToPOBoxFlag>N</ToPOBoxFlag>
  <ToPhone>7771234567</ToPhone>
  <ToFax>3012929999</ToFax>
  <ToEmail>myemail@email.com</ToEmail>
  <FirstClassMailType>PACKAGE SERVICE</FirstClassMailType>
  <ShippingContents>
    <ItemDetail>
      <Description>Cleaning Wipes</Description>
      <Quantity>1</Quantity>
      <Value>15</Value>
      <NetPounds>2</NetPounds>
      <NetOunces>0</NetOunces>
      <HSTariffNumber>490110</HSTariffNumber>
      <CountryOfOrigin>UNITED STATES</CountryOfOrigin>
    </ItemDetail>
  </ShippingContents>
  <Postage></Postage>
  <GrossPounds>2</GrossPounds>
  <GrossOunces>0</GrossOunces>
  <Machinable>true</Machinable>
  <ContentType>SAMPLE</ContentType>
  <Agreement>Y</Agreement>
  <Comments>FirstClassMailIntl Comments</Comments>
  <LicenseNumber>L875437866</LicenseNumber>
  <CertificateNumber>C445755577</CertificateNumber>
  <InvoiceNumber>I789909778</InvoiceNumber>

```

```

<ImageType>PDF</ImageType>
<ImageLayout>ONEPERFILE</ImageLayout>
<CustomerRefNo>369246</CustomerRefNo>
<CustomerRefNo2>20779054A</CustomerRefNo2>
<LabelDate>1/7/2021</LabelDate>
<HoldForManifest>Y</HoldForManifest>
<EELPFC>30.37a</EELPFC>
<Container>ROLL</Container>
<Length>37</Length>
<Width>20</Width>
<Height>4</Height>
<ExtraServices>
  <ExtraService/>
</ExtraServices>
<OptOutOfSPE>true</OptOutOfSPE>
<DestinationRateIndicator>I</DestinationRateIndicator>
<MID/>
<LogisticsManagerMID/>
<CRID/>
<VendorCode/>
<VendorProductVersionNumber/>
</eVSTFirstClassMailIntlRequest>

```

eVSTFirstClassMailIntl API Sample Response

January 2021 Release reference 2.1.2: FCPIS roll dimensions validated correctly; error returned.

```

<Error>
<Number>-2147218043</Number>
<Source>eVSIFCMI:CalcPostage</Source>
<Description>Unable to calculate international postage. No services available. The entered length must be less than or equal to 36.00000 inches.</Description>
<HelpFile/>
<HelpContext/>
</Error>

```

External POLocatorV2Ext Sample Request

January 2021 Release reference 2.1.3: POLocatorV2Ext XML request

```

<POLocatorV2ExtRequest USERID="XXXXXXXXXX">
<FirmName>CHARLOTTE</FirmName>
<Address1>11035 GOLF LINKS DR</Address1>
<Address2/>
<City>CHARLOTTE</City>
<State>NC</State>
<Radius>5</Radius>
<MaxLocations>1</MaxLocations>
<Filters>
<FacilityType>PO</FacilityType>
</Filters>
</POLocatorV2ExtRequest>

```

External POLocatorV2Ext Sample Response

January 2021 Release reference 2.1.3: Post Offices returned with LBRO printing service indicated in <Services> response tag; <LBRORetail> response tag removed.

```

<POLocatorV2ExtResponse>
<Locations>
<Location>
<LocationName>SOUTH PROVIDENCE</LocationName>
<Address2>11035 GOLF LINKS DR</Address2>
<City>CHARLOTTE</City>
<State>NC</State>
<ZIP5>28277</ZIP5>
<Services>
<Service name="LBRORETAIL"/>
</Services>
<Hours> ...</Hours>
<Parking>LOT</Parking>
</Location>

```

```
</Locations>  
</POLocatorV2ExtResponse>
```

3.2.2 Sample Labels/Receipts

This section provides sample label and receipt images from the CAT/staging environment that demonstrate some of the changes implemented to our APIs in this release. These samples 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 your typical testing and verification processes to ensure that your system is communicating properly with the most updated versions of the Web Tools APIs.

There are no sample label and receipt images currently. This section will be updated in future versions of the release notes where applicable.

3.3 Appendix C – HTTPS/Secure Web Tools APIs

3.3.1 Security Certificate Updates (HTTPS APIs)

| Status | Common Name (CN) | Envir. | URLS | Deployment Date |
|----------|-----------------------------|--------|-----------------------------------------------------------------------------------------|-----------------|
| Complete | stg-secure.shippingapis.com | TEST | https://stg-secure.shippingapis.com/ | 2/2/2021 |
| Complete | secure.shippingapis.com | PROD | https://secure.shippingapis.com/ | 3/2/2021 |

3.3.2 Web Tools Secure/HTTPS APIs

| API | API Name |
|-----------------------------------------|-----------------------------------|
| Carrier Pickup Availability | CarrierPickupAvailability |
| Carrier Pickup Cancel | CarrierPickupCancel |
| Carrier Pickup Change | CarrierPickupChange |
| Carrier Pickup Inquiry | CarrierPickupInquiry |
| Carrier Pickup Schedule | CarrierPickupSchedule |
| City+State Lookup | CityStateLookup |
| Customs Form CN22 | CustomsCN22V2 |
| Customs Form CP72 | CustomsCP72V3 |
| eVS Domestic | eVS |
| eVS Domestic Cancel | eVSCancel |
| eVS Priority Mail Express International | eVSExpressMailIntl |
| eVS First Class Mail International | eVSFirstClassMailIntl |
| eVS GXG Public Label generation | eVSGXGGetLabel |
| eVS International Cancel | eVSICancel |
| eVS Priority Mail International | eVSPriorityMailIntl |
| Express Mail Commitments | ExpressMailCommitment |
| First Class Mail Service Standards | FirstClassMail |
| GXG Get Commodity Information | GXGGetCommodityInfo |
| GXG - Guarantee | GXGGetGuarantee |
| Hold For Pickup Facility Information | HFPFacilityInfo |
| International Price Calculator | IntlRateV2, IntlRate (deprecated) |
| Merchandise Return Service | MerchandiseReturnV4 |
| Merchandise Return Service Bulk | MerchReturnV4Bulk |
| Post Office Locator - External | POLocatorV2Ext |
| Priority Mail Service Standards | PriorityMail |
| Track and Confirm - Email | PTSEmail |
| Track and Confirm - Pod | PTSPod |
| Track and Confirm - Tpod | PTSTpod |
| Track and Confirm - Rre | PTSRre |
| Domestic Price Calculator | RateV4 |
| SCAN | SCAN |

| | |
|------------------------------------|---------------------------|
| Service Delivery Calculator | SDCGetLocations |
| Package Services Service Standards | StandardB |
| Sunday Holiday API | SundayHolidayAvailability |
| Track and Confirm | TrackV2 |
| USPS Returns Label | USPSReturnsLabel |
| Address Validation | Verify |
| ZipCode Lookup | ZipCodeLookup |

3.3.3 Security Certificate Update (HTTPS Web Tools 2.0 APIs):

| Status | Common Name (CN) | Envir. | URLS | Deployment Date |
|----------|--------------------|--------|---------------------------------------------------------------------------------------------------------|-----------------|
| Complete | Web Tools 2.0 APIs | TEST | https://cat-webtools.usps.com/ | 2/2/2021 |
| Complete | White Label APIs | TEST | https://staging-whitelabel.shippingapis.com/ | 2/2/2021 |
| Complete | Web Tools 2.0 APIs | PROD | https://webtools.usps.com/ | 3/2/2021 |
| Complete | White Label APIs | PROD | https://whitelabel.shippingapis.com/ | 3/2/2021 |

3.3.4 Secure HTTPS Web Tools 2.0 APIs

| API | API Name |
|------------------------------------|----------------|
| Package Intercept Status | status |
| Package Intercept Hold For Pickup | holdForPickup |
| Package Intercept Redirect | createRedirect |
| Package Intercept Return to Sender | createRTS |
| EDDMR | EDDMR |