

Proposed Structure Changes (July 2013)

External Version

Pre Release Document

This document describes potential structural changes under review for the July 2013 release. Changes to Mail.dat, Mail.XML, and Postal Wizard are required to support the potential changes. Potential structural changes in this document are subject to change and final approval. Some structural changes described in this document may not be implemented.

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Version 1.4

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1. Structural Changes

This chapter describes proposed structural changes, which impact the *PostalOne!* system.

1.1 Changes to First-Class Mail / Priority Mail (412, 390)

1.1.1 Metro Post (412)

The USPS intends to market test a same day delivery service (a.k.a. Metro Post). The market test for this service will occur in a pre-defined geographical location for Electronic Verification System (eVS) customers only who use File Format v1.7. The service is for Priority Mail and the Intelligent Mail package barcode is required.

- Add a new Price Category to File Format v1.7
- Offer Extra Services (for purchase) - insurance Adult Signature Required, Adult Signature Restricted Delivery, Restricted Delivery, Registered Mail, and Signature Confirmation
- Implement new Service Type Code to File Format v1.7

1.1.2 Picture Permit Indicia (390)

The USPS proposes to enable the Picture Permit Indicia for parcels. The existing S17 Extra Service line will be enhanced for inclusion of First-Class Packages Services.

1.2 Changes to Standard Mail (368, 390)

1.2.1 Additional Delivery Options for Simplified Addressing (368)

The USPS will propose additional delivery options for BMEU entered Simplified Addressing letters and flats at existing Carrier Route prices.

- Revise Mail.dat Simplified Address Indicator to: “B” = Business; “R” = Residential; “M” = Mixed; Blank = Not Applicable. USPS CR IDEAlliance 1299.
- Revise Mail.XML Simplified Address Indicator. `simplifiedAddressType` and new `simplifiedAddressType` values: “B” = Business; “R” = Residential; “M” = Mixed; Blank = Not Applicable. USPS CR 1288.

1.2.2 Picture Permit Indicia (390)

The USPS proposes to enable the Picture Permit Indicia for parcels. The existing S17 Extra Service line will be enhanced for inclusion of Marketing Parcels.

1.2.3 Letters with Simplified Addressing – Automation

Add new mail preparation category, of “automation” for letters with Simplified Addressing.

- Add new lines to Part C of PS Form 3602 R & N for the Letters with Simplified Addressing (Automation)

1.3 Changes to Multiple Classes of Mail (340, 385, 360)

1.3.1 Digital Content in eDoc (340)

Ability to link a physical mail to marketing campaigns by enhancing existing electronic file capability to provision data that enables digital marketing. This linkage will uniquely identify when a mail piece or parcel is tied to a marketing campaign. The new field in the eDoc is to enable identification of additional data that is marketing in nature. This enables characterizing physical mail by attaching multi-media communication (a.k.a. digital content) options for senders of mail.

- Create new Mail.XML Marketing ID elements and acceptable values to associate the mailing to digital content. USPS CR IDEAlliance 1290
- Create new Mail.dat Marketing ID field and acceptable values to associate the mailing to digital content. USPS IDEAlliance CR 1289.
- Modify Mail.dat .upa file to track marketing contents. USPS IDEAlliance CR 1291
- Update the mailpiece messages to allow linking of mail pieces with marketing contents. Support new message set to allow mailers to upload marketing information. USPS IDEAlliance CR 1308

1.3.2 Parcels Tracking for Mail.dat (385)

The USPS proposes to add functionality to allow mailers to send parcel data through electronic files to *PostalOne!* System. The *PostalOne!* system will then send electronic data via the Mail.dat to the Product Tracking System for processing and tracking of First Class Parcels, Priority Mail Parcels, Standard Mail Parcels, and Package Services through Mail.dat

- USPS IDEAlliance CR for Mail.dat previously filed. Minor modification to move the certificate of bulk mailing from component to its proper location in the extra/special services. USPS IDEAlliance CR 1295
- There is no impact to Mail.XML

1.4 Multiple Incentives One Statement / Full-Service Discount Calculation (360)

The USPS proposes to implement functionality to enable more than one incentive to be applied to one postage statement. Customers must populate the eDoc with the required incentive codes or make selections in Postal Wizard. Enable two or more incentive programs to be selected in Postal Wizard.

The USPS proposes to modify postage statements to include a Full-Service check-box on the postage statement to serve as a trigger to apply the full-service discount prior to other incentives. The existing full-service indicator for eDoc will serve as a flag to trigger. The full-service discount must be applied prior to the calculation of incentive program discounts, including Tech Credit and Earned Value credits. More than one incentive per postage statement if applicable can be applied.

- Add new Full-Service check-box on first page of the postage statement PS Forms 3600 and 3602 Regular and Non-profit.
- Remove full-service option lines after each Part in the PS Forms 3600 and 3602 Regular and Non-profit (i.e., PS Form 3602, A23 and A24; C55 and C56).
- Add new Full-Service check-box on first page of the postage statement and confirmation page Postal Wizard and BMEU modules.
- Add new validations Mail.dat and Mail.XML for mailings that are both full-service and claiming incentive discounts.

1.5 Changes to Parcel Select PS Form 3605

1.5.1 Picture Permit Indicia

The USPS proposes to enable the Picture Permit Indicia for parcels: Bound Printed Matter, Media Mail, Parcel Select, and Parcel Select Lightweight. The existing S17 Extra Service line will be enabled for inclusion of parcels.

1.6 Changes to International Mail (406, 407, 409)

1.6.1 Priority Mail International Regional Rate Boxes (409)

New Priority Mail International (PMI) Regional Rate Boxes are proposed: Regional Rate Box A (10 lbs.); Regional Rate Box B (20 lbs); and Regional Rate Box C (20 lbs). These boxes do not have the same weight rules as domestic regional boxes. Prices will be based on box size and destination country for Commercial Plus Pricing and International Customized Mail (ICM). PMI Regional Rate Box prices are not available at retail. For mailers who present a Regional Rate Box at retail or pays online, the mail piece would be weighed and rated as if the customer was using his own box. To receive Regional Rate pricing, a USPS-produced Priority Mail International Regional Rate Box must be used.

Add new Part F will be added on the 3700 for Regional Rate Boxes (21 lines). Ten country price groups for CPP and ICM are target key markets: Canada, Western Europe, Asia, Latin America, India, Australia/New Zealand, and Middle East. Each zone has countries assigned. Canada is a zone of its own.

1.6.2 Commercial ePacket (406)

A new Part P for Global Expedited Package Service (GEPS)/ Negotiated Service Agreement (NSA) will be added to the PS Form 3700 Postage Statement – International Mail for Commercial ePacket (an International Priority Airmail parcel with a barcode). This new PS Form 3700 Part will replace the existing Commercial e-Packet Postage Computation Worksheet. Enhancements will be made to enable data to be provisioned to the price group and to accurately calculate postage, record the revenue, pieces, and weight for Commercial ePacket. e-Packet is pricing subject to negotiated service agreements with the USPS.

1.6.3 Picture Permit Indicia (404)

The USPS proposes to enable the Picture Permit Indicia for cards, letters, flats and parcels. The existing S17 Extra Service line will be enabled for the following International postage statements:

- Part B – First-Class Package International Service – Permit Imprint
- Part E – Priority Mail International – Permit Imprint
- Part F – Express Mail - Permit Imprint
- Part G – Global Express Guaranteed (GXG) – Permit Imprint

1.6.4 Waiving Minimum Volume/Weight of International (407)

The USPS proposes introducing a standard for commingling of USPS International Manifest Package Services and domestic shipments. USPS International Shipments may comprise Global Express Guaranteed, Express Mail International and Priority Mail International, and First-Class Package International Service with domestic shipments in order that customer meet the minimum volume/weight requirement of 200 pieces or 50 pounds for commercial shippers. The permit imprint account is required for postage payment at the Business Mail Entry Unit.

Waiving the minimum volume / weight for the International postage statements provided mailers present a domestic mailing which meets the minimum volume and weight for the following classes of mail.

- Priority Mail
- First-Class Mail
- Standard Mail
- Package Service (Bound Printed Matter, Media Mail, Library Mail, Parcel Select)

Waiving the minimum volume / weight for the International postage statements as long as mailers present multiple PS 3700 International postage statement to meet the minimum volume and weight for the following International postage statements:

- Part B – First-Class Package International Service – Permit Imprint
- Part E – Priority Mail International – Permit Imprint
- Part F – Express Mail - Permit Imprint
- Part G – Global Express Guaranteed (GXG) – Permit Imprint

The *PostalOne!* system will require the user to enter the reason for processing International postage statements without meeting the minimum volume/weight and to enter the valid International postage statement ID.

1.7 Full-Service Gaps (344)

The gaps identified with Mail.dat and Mail.XML are addressed to fulfill Full-Service eDoc compliance. Proposed fixes include inefficiencies or inconsistencies in the current eDoc functionality and interaction with the *PostalOne!* system. These goals are driven by the January 2014 mandate that all commercial mailers who seek automation pricing adopt Full-Service.

- Add Mailer ID Numeric validation to the front-end of *PostalOne!* to ensure that all MIDs are numeric only (Mail.dat/Mail.XML). USPS CR IDEAlliance 1306

- Add Mailer ID Numeric validation to the front-end of *PostalOne!* to ensure that all MIDs are numeric only Mail.XML). USPS CR IDEAlliance 1307
- Add Air Box container level for periodicals. Compare with the regular postage statement message. Add the value of AB = Air Box in the ChargableContainerType. USPS CR IDEAlliance 1292
- Remove unsupported Mailpiece range blocks USPS CR IDEAlliance 1312

1.8 Full-Service Enhancements (348)

The USPS will implement the next phase of functionality for systems that support Full-Service.

- Add new Mail.dat functionality to enable handling of pallets that include trays/sacks from multiple segments i.e., mother pallet segments.
- Add new electronic file functionality to handle nesting and/or sortation errors.
- Add new Mail.XML functionality to enable handling of pallets that include trays/sacks from multiple segments.
- **Enhance the Create Postage Statement and Create Periodical Statement blocks for updated elements.** USPS CR IDEAlliance 1305

Change the Postage Statement Status Request message to allow mailers to see additional statuses for auto-finalization. USPS CR IDEAlliance 1316

1.9 eInduction (369)

Implement enhancements for the systems that support eInduction, the paperless induction of mailings at USPS facilities. Validations occur based on the payment status and entry point location of containers at induction.

- Create a facility-based exception for emergency redirects to enable mis-shipped invoicing to be turned off for a facility over a specified date range.
- Update FAST system to support Mail.XML 13.0 specification in support of the Carrier CRID/Name/Address/Contact Information in support of the eInduction containers that are marked with eInduction/electronic indicator.
- Update SV system to require rejected containers to receive reload scans before appointment is closed and to notify the user of mis-shipped accept container (eDoc indicates to accept the container) upon scanning:
- Implement validations: Mixed Class Co-Mail functionality is operational; and single postage statement is only used for unique IMcbs and unique pallet counts in pre and post induction scenarios (IMcbs changed through container manifest message) should not show up as scans in post induction; and Fix ContainerManifest validations (CR created + add cancelled status).
- Update the *PostalOne!* eInduction reports to further clarify and include more information.
- Support carrier information in appointments for eInduction mis-shipped invoicing; Capture and invoice the carrier either in eDocs or FAST online and Mail.XML.
- Allow container update message to occur through the container barcodes only besides the job/UIC/Container ID and Mailing GroupID/CustomergroupID, Container ID options and not allowing eDoc Submitter to trigger Ready to Pay Status updates for their Mail.dat jobs.
- Update Mail.XML eDocs to process recurring appointment information for eInduction and send recurring appointment information to the FAST system through the Mail.XML qualification reports.
- Implement a solution to validate Zoned SCF/DDU etc prices against induction data
- Change Mail.dat Container Status to allow mailers to verify if the container is flagged for eInduction. Change FAST Appointment to allow mailers to see if there were eInduction issues in

the appointment. Add new status to the container status. USPS CR XXX – IDEAlliance CR – #1303

- Change Mail.XML ContainerStatusRequest message to allow mailers to verify if the container is flagged for eInduction. Change AppointmentCloseout message to allow mailers to see if there were eInduction issues in the appointment. Add status to the container status message. USPS CR XXX – IDEAlliance CR – #1302
- Change the ContainerStatusQueryRequest message to allow third parties to query containers with the container barcode alone. USPS CR – IDEAlliance CR – # 1317

1.10 100% Package Visibility (353)

The USPS desires to enable 100% Package Visibility for tracking all packages (except Standard Mail), including Express Mail, First-Class (commercial base and commercial plus packages), Bound Printed Matter Parcels (presorted and CRRT), Media and Library Mail (presorted), Parcel Select, Parcel Select Lightweight, and Return Services. This requires unique barcodes for all classes of mail. The barcode will map to mailpiece information and tracking information for every mail piece and package electronically.

- Implement Mail.dat mapping in electronic file to the Product Tracking file. USPS IDEAlliance CR 1294
- Implement Mail.XML mapping in electronic file to the Product Tracking file. USPS IDEAlliance CR 1293

2. Non Structural Changes

This chapter describes proposed functionality which are part of the July2013 release, but are not considered structural changes.

2.1 IMpb Address Correction Services (339)

Intelligent Mail Package Barcode ACS and IMpb ACS with Shipper Paid Services (SPS) are proposed to simplify the ability for shippers to request ACS and shipper paid services. IMpb ACS will be available for all parcels that include. Existing and new ancillary options are included in this for IMpb ACS. Shipper paid services will include both forwarding and return postage payment via the shipper's IMpb ACS account.

2.2 Mailer IDs and CRIDs Validation (399)

The USPS proposes to close a Full Service onboarding gap and By/For identification gap by allowing mailing agents or service providers (MSP) to validate that Mailer IDs (MID) and Customer Reference IDs (CRID) are correct and are associated to the correct entity. Current functionality will be enhanced to support validation rules. New functionality would provide MSPs with the option to first validate an address without automatically creating a new CRID if a match is not found.

- The MID system capture whether a new MID is being requested for a By (Mail Service Provider) or a For (Mail Owner) customer.

- MSPs will be allowed to validate and query MIDs and CRIDs
- Fix MID profile updates including current issues surrounding delegation and profile changes.
- Update the Mail.XML ID module USPS IDEAlliance CR 1296

2.3 Multiple Incentives One Statement / Full-Service Discount Calculation (360)

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- Add new validations Mail.dat and Mail.XML for mailings that are both full-service and claiming incentive discounts.

2.4 Flats and Bundles Sorting (391)

The Postal Service does not currently have the ability to distinguish a Postal applied Intelligent Mail barcode (IMb) from a mailer applied Intelligent Mail barcode. Additionally the Postal Service has no way to differentiate an IMb from a mailpiece that has been redirected due to change of address from other IMb codes that may appear on the piece. The USPS proposes to support additional Barcode ID values that will allow the Postal Service to sort bundled mail more efficiently.

Proposed Structure Changes eVS (July 2013)

Pre Release Document

3. eVS Changes

This chapter describes proposed changes, which impact the eVS system.

3.1 eVS Enhancements (393)

The USPS requests the ability to get sampling data (weight, dimensions, etc.) from POS terminals for ePostage and Parcel Return Service (PRS) packages presented at the retail unit. Enhancements are needed to get samples from the on-line *PostalOne!* web based sampling application, to ensure that all mail classes are supported and proper pricing of samples is completed.

3.2 eVS Onboarding (394)

The USPS requests the enhancements to the eVS Onboarding modules to provide USPS the onboarding team with the internal tools necessary to manage a significant volume of applicants in various stages of the onboarding process.

3.3 eVS User Interface (395)

The USPS requests to improve system usability for internal and external users. eVS functionality has expanded significantly from the initial design, and the system flow and user interface have not been considered as a whole. Navigation and display elements are still skewed to the initial Parcel Select drop ship mailer and needs to be upgraded to current GUI standards.

4. Changes Log

The following table represents the changes from the previous version 1.3.

Section	Change Type	Item
1.2.1	1/4/13 Changed	<p>From: Mail.dat Rate Category to Simplified Address Indicator.</p> <p>To:</p> <ul style="list-style-type: none"> • Revise Mail.dat Simplified Address Indicator to: “B” = Business; “R” = Residential; “M” = Mixed; Blank = Not Applicable. USPS CR IDEAlliance 1299. • Revise Mail.XML Simplified Address Indicator. simplifiedAddressType and new simplifiedAddressType values: “B” = Business; “R” = Residential; “M” = Mixed; Blank = Not Applicable. USPS CR 1288.