

# PostalOne! System Release 47.1.0.0

# **Pre-Release Notes**

**CHANGE 2.0** 

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# **TABLE OF CONTENTS**

1.0 INTRODUCTION	1
2.0 MAIL.DAT CLIENT SUPPORT	1
3.0 APPLICABLE TECHNICAL SPECIFICATIONS	1
4.0 POSTALONE! SYSTEM ENHANCEMENTS, UPDATES, AND NEW FUNCTIONALITY	1
4.1 Mail.dat Version Support and Validation 4.1.1 Postage Adjustment (PAR) File Adjustment Type 4.1.2 Increased URL Length for Informed Delivery 4.1.3 Component Characteristic (CCR) Record Informed Delivery Campaign Indicator	1 2 2
4.1.4 Container Summary (CSM) File Entry Point Discount Facility Type	2 2
4.2 Mail.XML Version Support	3 3 4
4.2.4 Mailing Agent Data Update	4 4 5
4.2.9 Scheduled Induction Date Time Update	5 5
4.3.2 Subscriber vs. Non-Subscriber Copy Counts 4.3.3 Pound Prices 4.3.4 Piece Prices	6 6
4.3.5 Bundle and Container Charges	7 7
4.4 Postal Wizard Interface	
5.0 POSTALONE! - CORRECTIONS TO KNOWN ISSUES	
5.1 Business Reply Mail	
5.3 Dashboard	
5.4 eInduction	
5.5 Electronic Data Exchange	
5.6 Electronic Verification System (eVS®)	
5.7 Full-Service Postage Statement Processing	
5.8 Mailer View Functionality	. 12
5.9 Performance Based Verification (PBV)	. 12
5.10 Postage Statement Processing	. 12
6.0 SEAMLESS ACCEPTANCE AND SERVICE PERFORMANCE (SASP) – CORRECTIONS TO KNOWN ISSUES	. 13
6.1 Full-Service	. 13
7.0 APPENDIX A – POLYBAG EXAMPLE SCENARIO	. 14
9 0 DOCUMENT HISTORY	17

# **ALM INDEX**

102684	1157911	1192512	1203713
106664	1160111	1194110	1203813
112625, 6, 7	1167811	1194210	1209812
1134011	1175111	1198910	1212312
1142210	1179911	1199610	1213012
114403, 11	1180311	120072	1213512
1146412	1180612	120085	1214610
1151011	1183812	1201711	189788
1152510	1186412	12021 1, 2, 3, 4, 5	4278-S13
1152610	1191010	1202212	67874

**Note**: *PostalOne!* System issues are identified by ALM Item ID and cross-referenced with ALM Requirement ID (9999-R) where available. Seamless Acceptance and Service Performance (SASP) issues are identified by ALM Item ID followed by "-S".

#### 1.0 Introduction

On Sunday, March 25, 2018, the United States Postal Service will implement the following software change(s):

- PostalOne! System Release 47.1.0.0
- Business Intelligence Database System (BIDS) Release 47.1.0.0
- Seamless Acceptance and Service Performance (SASP) Release 25.1.0.0

These Pre-Release Notes provide the contents of the release and affected subsystems.

The sections titled **Corrections to Known Issues** are derived from External Trouble Reports (ETRs) and Engineering Change Requests (ECRs) for inclusion in these releases.

This document is prepared based on the knowledge available at the time of its publication and any element may be subject to change prior to publication.

## 2.0 Mail.dat Client Support

Please note the following regarding the Mail.dat client download.

There is a new Mail.dat client version with this release. Users should download Mail.dat client version 47.1.0.0\_PROD from the Business Customer Gateway (BCG) using the following path: Mailing Services → Electronic Data Exchange [Go to Service] → Mail.dat download (Windows 32-bit, Windows 64-bit or Solaris).

# 3.0 Applicable Technical Specifications

The following technical specification versions apply to PostalOne! System Release 47.1.0.0.

PostalOne! Mail.dat (eDoc)	PostalOne! Mail.XML (eDoc)	PostalOne! Mail.XML (Data Distribution)	PostalOne! Mail.XML (Profiles MID-CRID)	FAST Mail.XML	eVS Shipping Services Files
17-1 (plus 17-1 Errata)	17.0				1.4
17-2 (plus 17-2 Errata)	19.0 21.0*	14.0A 16.0	14.0A 16.0	14.0A 16.0	1.6 1.7
18-1*					2.0

**Table 1 - Technical Specification Version Support** 

**Note:** Versions marked with an asterisk (\*) are new with this release.

# 4.0 PostalOne! System Enhancements, Updates, and New Functionality

#### 4.1 Mail.dat Version Support and Validation

The *PostalOne!* System will support Mail.dat version 18-1 with the March 25, 2018 release. In addition, the *PostalOne!* System will continue to support Mail.dat version 17-2 and Mail.dat version 17-1. Refer to the Mail.dat technical specifications for additional details.

#### 4.1.1 Postage Adjustment (PAR) File Adjustment Type

For Mail.dat version 18-1, the numeric field Adjustment Type in the Postage Adjustment file (PAR) will be updated from 1 digit to 2 digits. 12021

#### 4.1.2 Increased URL Length for Informed Delivery

Mail.dat version 18-1 will support longer Uniform Resource Locators (URLs) in the Referenceable Mail Record (RMR) and Referenceable Mail Barcode record (RMB) for Informed Delivery. The field length of the RMR Value and RMB Value fields will be increased from 90 to 250 alphanumeric characters. 12021

## 4.1.3 Component Characteristic (CCR) Record Informed Delivery Campaign Indicator

For Mail.dat version 17-2 and version 18-1, the description for the Component Characteristic Record (CCR) Characteristic field value "PI" will be updated from "Piece Count" to "Informed Delivery Campaign". This indicator will provide an option for mailers to indicate that the mailing also has an associated Informed Delivery campaign set up. Note that there is no functionality provided for the *PostalOne!* System or Mail.dat to confirm the existence of the Informed Delivery campaign as indicated in this field. 12021

#### 4.1.4 Container Summary (CSM) File Entry Point Discount Facility Type

For Mail.dat version18-1, duplicate values will be removed from the description of the Container Summary file (CSM) Entry Point for Discount Facility Type field. 12021

#### 4.1.5 CSM Scheduled Induction Date and Time

In support of Mail.dat version 18-1, validation will be updated to accommodate changes to the Scheduled Induction Date and Scheduled Induction Time in the CSM file. The following changes will be made:

- Scheduled Induction Date will be renamed to Scheduled Induction Start Date
- Scheduled Induction Time will be renamed to Scheduled Induction Start Time
- Scheduled Induction End Date will be added
- Scheduled Induction End Time will be added
- The associated validation warning and error message descriptions affected by these changes will be updated. Refer to the Mail.dat technical specifications for additional details.12007, 12021 (19310-R)

#### 4.1.6 Informed Delivery Support

- Informed Delivery campaigns can be submitted using the following eDoc Versions
  - Mail.dat version 17-2
  - Mail.dat version 18-1
  - Mail.XML version 21.0

Mail.dat <u>with</u> eDoc Presort	Mail.dat <u>without</u> eDoc Presort (RMBCampaigns)	Mail.XML <u>with</u> eDoc Presort
Range Based	Range Based	Range Based
eDoc Presort Job with RMS and RMR. RMR linked to CPT	Mail.dat Job with HDR, RMS and RMB.	Mail.XML Job with CampaignData block linked to DocumentVersionwithPermit in
eDoc Presort Job with RMS and RMR. RMR linked to PDR	PURLs (Campaign Serial Grouping of Blank)  Mail.dat Job with HDR, RMS and RMB.	QualificationReportDetailCreateRequest message
eDoc Presort Job with RMS and RMR. RMR linked to PDR		<ul> <li>Mail.XML Job with CampaignData block linked to Piece in MailPieceCreateRequest message</li> </ul>
PURLs (Campaign Serial Grouping of Blank)		PURLs (CampaignSerialGrouping of B)
eDoc Presort Job with RMS and RMR. RMR linked to PDR		Mail.XML Job with CampaignData block linked to Piece in
eDoc Presort Job with RMS and RMR. RMR linked to PBC		MailPieceCreateRequest message

Table 2 - Informed Delivery Support

Messaging to Mail.dat campaign submitter; informing them for Campaign creation success or failure messaging.
 Information shared via Mail.dat MDR client and in the Enhanced XML Mail.dat receipts. 11440

Warning ID	Warning Message	
4830	For an Informed Delivery Campaign, a start date is required.	
4831	For an Informed Delivery Campaign, an end date is required.	
4832	For an Informed Delivery Campaign, a serial number within the barcode is required.	
4833	For an Informed Delivery Campaign, a campaign code is required.	
4834	For an Informed Delivery Campaign, a campaign title is required.	
4835	For an Informed Delivery Campaign, a mailer ID within the barcode is required.	
4836	For an Informed Delivery Campaign, the start date cannot be in the past.	
4837	For an Informed Delivery Campaign, the end date cannot be in the past.	
4838	For an Informed Delivery Campaign, the end date cannot be before the start date.	
4839	For an Informed Delivery Campaign, the end date cannot be the same as the start date.	
4840	For an Informed Delivery Campaign, the serial number length must be valid within the barcode.	
4841	For an Informed Delivery Campaign, the end serial cannot be before the start serial.	
4842	For an Informed Delivery Campaign, the target URL must be formatted properly (http://www.url.com).	
4843	For an Informed Delivery Campaign, the campaign cannot overlap with an existing campaign for the barcode MID.	
4844	For an Informed Delivery Campaign, the campaign code must be unique for the barcode MID.	
4845	For an Informed Delivery Campaign, the campaign serial grouping was invalid.	
4846	For an Informed Delivery Component Campaign, the mail owner MID is required.	
4847	For an Informed Delivery Campaign, a display name is required.	
4848	For an Informed Delivery Campaign, the replacement URL must be formatted properly (http://www.url.com).	
4849	For an Informed Delivery Campaign, the ride along image max file size is 200KB and the pixel max size is 300 X 200.	
4850	For an Informed Delivery Campaign, the replacement image max file size is 200KB and the pixel max size is 780 X 500.	

#### Table 3 - Informed Delivery Warning Messages

- Mail.dat and Mail.XML warnings to require URLs for:
  - ➤ if Processing Category = Letters: Ride-along Image AND Ride-along Target URL
  - → if Processing Category = Flats: Both URLs from above AND Replacement Image URL (flats do not get a front-cover scanned image in Informed Delivery) 11440

#### 4.2 Mail.XML Version Support

The *PostalOne!* System will support Mail.XML version 21.0 with the March 25, 2018 release. In addition, the *PostalOne!* System will continue to support Mail.XML version 19.0 and Mail.XML version 17.0.

#### 4.2.1 Container Visibility Entry Update for Scan Events

In support of Mail.XML version 21.0, the ContainerVisibilityQueryRequest, ContainerVisibilityQueryResponse, and ContainerVisibilityDelivery messages will be updated to enable users to receive new Scan State events for containers/handling units. The following changes will be made:

- Values will be added to the containerScanStateType field for "Arrival at Unit" and "Out for Delivery".
- Container Visibility Entry will be updated to accommodate a new Scan Event Code data type (scanEventCodeType).
- The Scan Event Code will be included in the ContainerVisibilityQueryRequest, ContainerVisibilityQueryResponse, and ContainerVisibilityDelivery messages for Informed Visibility (IV). 12021

#### 4.2.2 Container Visibility Entry Update for Recipient Role

In support of Mail.XML version 21.0, the ContainerVisibilityQueryRequest, ContainerVisibilityQueryResponse, and ContainerVisibilityDelivery messages will be updated to enable users to receive a new Recipient Role data element,

which will define the party involved in receiving the data. The following changes will be made:

- Container Visibility Entry will be updated to accommodate a new Recipient Role data type (recipientRoleType).
- The Recipient Role will be included in the ContainerVisibilityQueryRequest, ContainerVisibilityQueryResponse, and ContainerVisibilityDelivery messages. 12021

#### 4.2.3 Entry Discount Type Update

For Mail.XML version 21.0 submissions, Entry Discount Type (entryDiscountType) values "C" (Origin SCF) and "K" (Origin NDC) will be removed from the list of valid values. Both will map to "O" (Origin) in the Entry Facility Type (entryFacilityType) field. For Mail.XML version 21.0, the *PostalOne!* System will only support the following values for the Entry Discount Type field (entryDiscountType): N (None), B (DNDC), S (DSCF), D (DDU), and A (DADC). 6787, 12021 (18992-R)

#### 4.2.4 Mailing Agent Data Update

The Mail.XML schema will be updated in version 21.0 to create a new complex type to identify Mailing Agents by Mailer ID (MID) or Customer Registration ID (CRID), and will not require permit information for this purpose. The new data element, mailerMIDCRIDDataRequestType, will require either the MID or CRID for Mailing Agents and will be used for incoming requests in the MailingOwnerData and MailingAgentData blocks. The mailerMIDCRIDDataRequestType will apply to the following message types: PostageStatementCreateRequest, PeriodicalStatementCreateRequest, and ConsolidatedPeriodicalStatementCreateRequest messages. The existing element, mailerDataRequestType, will continue to be used for incoming requests in the PermitHolderForAPData, PermitHolderData, and PublisherData blocks. The existing data element mailerDataType will continue to be used for outgoing responses where all blocks are currently optional (MailingOwnerData, MailingAgentData, PermitHolderData, and PublisherData). 10268, 12021 (18996-R, 18998-R, 18999-R)

#### 4.2.5 Entry Point Facility Type Update

The Mail.XML schema for ContainerStatusQueryResponse will be updated to include additional valid values for Entry Facility Type (entryFacilityType). Currently, valid values for Mail.XML entryFacilityType only include O (Origin), B (NDC), S (SCF), D (DDU), A (ADC), W (FSS), and H (Trans Hub). In Mail.XML version 21.0, the entryFacilityType value "R" (Auxiliary Service Facility (ASF)) will also be accepted. In order to accommodate the scenario where containers entered through Mail.dat have their status requested through Mail.XML, specific unsupported entryFacilityType values will be returned as "O" (Origin) in the ContainerStatusQueryReponse, depending on the Mail.XML submission version, as shown in the table below. eDoc submissions will not be rejected as a result of the additional valid entryFacilityType values not being included in the Mail.XML schema. However, users may not be able to get the eInduction status for those containers where the entry point is origin Sectional Center Facility (SCF). 10666, 12021 (17867-R, 18991-R)

Mail.XML Version	Supported Entry Facility Type Values	Unsupported Entry Facility Type Values and ContainerStatusQueryResponse
19.0	O (Origin), B (NDC), S (SCF), D (DDU), A (ADC), W (FSS), and H (Trans Hub)	R, T, N, E, K, L, Q, Y, OT, and C will be returned as "O"
21.0	O (Origin), B (NDC), S (SCF), D (DDU), A (ADC), W (FSS), H (Trans Hub), and R (ASF)	T, N, E, K, L, Q, Y, OT, and C will be returned as "O"

Table 4 - Entry FacilityType by Mail.XML Version

#### 4.2.6 Entry Point Discount Type Update

The Mail.XML schema will be updated to use the EntryPointDiscountType definition from the Base schema as compared to the MailingModule schema. The values of "C" (Origin SCF) and "K" (Origin NDC) in mm entryDiscountType are no longer needed and will map to value "O" (Origin) in EntryPointDiscountType. The Base EntryPointDiscountType was already updated to reflect this change and will be used instead. The following Mail.XML data blocks are impacted:

- Modify PostageStatementLineItemData to reference the base entryDiscountType
- Modify bundleDetailType to reference the base entryDiscountType 12021

#### 4.2.7 Mail Class Type Update

The USPS will allow the inclusion of Bound Printed Matter (BPM) as part of co-mail mailings. For Mail.XML submissions using Mail.XML version 21.0, the description for Mail Class Type (mailClassType) 6 will be updated from "Std/Periodicals Co-Mailings" to "Std/Periodicals/BPM Co-Mailings". 12021

#### 4.2.8 Chargeable Container Type Update

To accommodate the mapping of Periodicals Sacks and Periodicals Trays onto separate lines on Periodicals postage statements (PS Form 3541), in Mail.XML version 21.0 the Chargeable Container Type (chargeableContainerType) will be updated to include separate values for sacks and trays. The Chargeable Container Type value "Sacks-Trays" will be removed and replaced with the separate entries "Sacks" and "Trays". 12021

#### 4.2.9 Scheduled Induction Date Time Update

In support of Mail.XML Version 21.0, validation will be updated to accommodate changes to the Scheduled Induction Date and Scheduled Induction Time in several messages, as shown in the table below. In addition, the associated validation warning and error descriptions affected by these changes will be updated. For more details, see the Mail.XML technical specifications. 12008, 12021 (19311-R)

Message	Data Element	Update
QualificationReportDetailCreateRequest	ContainerInfoData	Rename ScheduledInductionDateTime to ScheduledInductionDateStartTime
QualificationReportDetailCreateRequest	ContainerInfoData	Add ScheduledInductionDateEndTime
ContainerStatusDelivery	CSQContainerInfoDataType	Rename ScheduledInductionDateTime to ScheduledInductionDateStartTime
ContainerStatusDelivery	CSQContainerInfoDataType	Add ScheduledInductionDateEndTime
ContainerStatusQueryResponse	CSQContainerInfoDataType	Rename ScheduledInductionDateTime to ScheduledInductionDateStartTime
ContainerStatusQueryResponse	CSQContainerInfoDataType	Add ScheduledInductionDateEndTime
ContainerUpdateRequest	SummaryRecordUpdateType	Remove ScheduledInductionDate and ScheduledInductionTime
ContainerUpdateRequest	SummaryRecordUpdateType	Add ScheduledInductionDateStartTime and ScheduledInductionDateEndTime

Table 5 - Mail.XML Version 21.0 Validation Updates

## 4.3 Mail.dat Submissions of Multiple Periodicals in a Wrapper (i.e., "Polywrap", "Polybag")

The *PostalOne!* System will be updated to support Periodicals polybag submissions in Mail.dat version 18-1. Polybags are used to combine multiple publications in the same mailing wrapper to be presented as one addressed piece. This process reduces the per-piece charge. Please refer to Appendix A (*Pages 14 – 16*) for an example using polybags.

In addition, the PostalOne! System update will address the following features associated with polybag mailings:

- Determine correct counts of subscriber vs. non-subscriber copies for downstream reporting, related to annual eligibility confirmation for Periodicals.
- Correct calculation and application of piece charges.
- Correct calculation and application of pound charges.
- Correct calculation and application of bundle charges.
- Correct application of the Preferred Price Discount. 11262

#### 4.3.1 Mail.dat Package Quantity (.pqt) Combo-Pack ID for Polybag Identification

The PostalOne! System will implement a new data field, "Combo-Pack ID", in the Package Quantity record (.pqt) to identify publications grouped together in polybags. This change will allow the PostalOne! System to interpret two or more Periodicals publications as separate components in separate Mail Piece Units, linked to one or more containers (.csm). When the same .pqt Combo-Pack ID (a 6-character element) is used in multiple .pqt records, and those .pqt records have the same .pqt Package ID, then those records in the .pqt will be identified as one polybag (type/grouping) inside the bundle/package. The same .pqt Combo-Pack ID can also be reused in multiple packages

across containers, as a uniquely-identified polybag type to replicate the same makeup of polybags in one or more bundles in one or more containers. 11262

#### 4.3.2 Subscriber vs. Non-Subscriber Copy Counts

The Container Quantity record (.cqt) Periodicals Sub/Non-Sub/Requester Indicator identifies the copy as a Subscriber (S), Non-Subscriber (N), Requestor (R), or Other (O). This identification is performed on unique .cqt records (Job ID, CQT Database ID). The Subscriber, Non-Subscriber, and Requester designation will be stored and reported for host pieces as well as for all publications in the polybag. This information will be reported to the BMEU clerk as part of the postage statement displayed in the *PostalOne!* System. In addition, the information is reported to downstream systems using the .cqt copy counts. This reporting process will continue to function even when a group of unique .cqt records are combined as a result of the same .pqt Combo-Pack ID field value (i.e., identified as being part of the polybag). 11262

#### 4.3.3 Pound Prices

The mailer will apply half (1/2) of the polybag weight to the copies of the publication inside the polybag. It is assumed that the mailers calculate the polybag weight distribution up front using a constant weight for the polybag. The half weight of the polybag is applied to all copies in the polybag; this process prevents the occurrence of underpaid pounds. The polybag weight distribution follows the calculation below: 11262

Field	Calculation
Total Pounds	[Total Copies of Publication] x [unit weight*]
Advertising Pounds	Total Pounds x Advertising %
Non-Advertising Pounds	Total Pounds – Advertising Pounds

<sup>\*</sup>Half (1/2) of the weight of the polybag is applied towards the unit weight of the publication by mailer

#### **Table 6 - Pound Prices for Polybags**

#### 4.3.4 Piece Prices

The *PostalOne!* System will identify the host piece in the polybag based on the DMM rules listed below. As stated earlier, the *PostalOne!* System will implement the new .pqt data field "Combo-Pack ID" to identify publications grouped together in polybags. The *PostalOne!* System will use the Component record (.cpt) "Rate Type" and .cpt "Periodical Ad% Treatment" to identify the pieces in the polybags that should receive a piece charge. The identified pieces will be counted towards the piece charges in Part C - Piece Prices of the Periodicals postage statement (PS Form 3541). Other pieces that are in the polybag that do not receive the piece charge will be accounted for in this Part C of the postage statement.

#### Reference DMM 207.27.7c:

For mailings under 27.1b, mailers must prepare a separate postage statement claiming the per pound charges for each publication or edition in the combined mailing except as provided in 27.5a. The mailer must annotate on, or attach to, each postage statement, the publication and issue date of each publication or edition and indicate that the copies are part of a combined mailing under 27.1b. Per piece charges must be claimed as follows:

- 1. If all copies in the combined mailing are eligible for the Classroom or Nonprofit discount, or if all copies are not eligible for the Classroom or Nonprofit discount, mailers may claim the per piece charges only on the postage statement for the publication that contains the highest amount of advertising.
- 2. If a portion of the copies in the combined mailing are eligible for the Classroom or Nonprofit discount and a portion are not eligible, mailers may claim the per piece charges only on the postage statement for the publication that contains the highest amount of advertising and is not eligible for the Classroom or Nonprofit discount. The Classroom or Nonprofit per piece discount must not be claimed.

The polybag piece price charges will be based on the identification of pieces that receive the piece charge. This identification process is documented in the table below. Based on the logic defined below, if there is more than one piece that can receive the piece charge, then the piece charge will be applied only to the piece that is identified for piece charge in the .cqt as part of the submitted Mail.dat job. 11262

Polybag Periodicals Rate Type Makeup	Piece Identification for Piece Charges	Piece Price is Charged To
All Classroom	Host copy is the one with highest Ad%	The total of charged pieces + standalone publications

Polybag Periodicals Rate Type Makeup	Piece Identification for Piece Charges	Piece Price is Charged To
All Nonprofit	Host copy is the one with highest Ad%	The total of charged pieces + standalone publications
All Classroom or Nonprofit	Host copy is the one with highest Ad% regardless of Classroom or Nonprofit designation	The total of charged pieces + standalone publications
All other than Classroom or Nonprofit	Host copy is the one with highest Ad%	The total of charged pieces + standalone publications
Part Classroom or Nonprofit and part neither	Host copy is the one that is neither Classroom or Nonprofit and has highest Ad% (exclude the advertising percentages of Classroom or Nonprofit publications)	The total of charged pieces + standalone publications

Table 7 - Identification of Pieces to Receive a Piece Charge

#### 4.3.5 Bundle and Container Charges

The *PostalOne!* System will continue to support the Segment file (.seg) "Container and Bundle Charge Method 3" (proportion by copies to each of the publications). This calculation is irrespective of the polybag makeup. The bundle and container charges for each publication follow the calculation shown below. 11262

Sum of % of Copies of Publication in Each Bundle
[% of Copies of Publication in Bundle/Container1] + + [% of Copies of Publication in Bundle/ContainerN]

**Table 8 - Bundle and Container Charges** 

#### 4.3.6 Preferred Price Discount

The *PostalOne!* System will continue to apply the Preferred Price Discount to non-advertising pound postage, piece postage, bundle and container postage. The bundle and container postage will not be used if the Preferred Price publication would not be piece charged. 11262

#### 4.3.7 Business Rules and File Validations

The following validations will be implemented by the PostalOne! System in support of the polybag feature. 11262

Error Code Mail.dat Client Error Message		Action
4819	The .mpu Mail Piece Unit - Rate Type field must contain B = Bound Printed Matter when the .mpu Mail Piece Unit - Class field is populated with 4 = Pkg Services and the .seg Class Defining Preparation field is populated with 6=Std/Bound Printed Matter/Periodicals Co-Mailings.	Populate the .mpu Mail Piece Unit - Rate Type field with B when the .mpu Mail Piece Unit - Class field is populated with 4 and the .seg Class Defining Preparation field is populated with 6.
4820	.seg Class Defining Preparation of 6 = Std/Bound Printed Matter/Periodical Co-Mailings is not allowed when the .pqt Combo-Pack ID is populated.	Do not populate .pqt Combo-Pack ID
4821	Populating .csm Included In Other Documentation is not allowed when the .pqt Combo-Pack ID is populated.	Do not populate .csm Included In Other Documentation when .pqt Combo-Pack ID is populated.
4822	When the .pqt Combo-Pack ID is populated for .mpu Mail Piece Unit - Class of 2 = Periodicals or 5 = Per Pending, each Mail Piece Unit ID must only be associated with multiple Component IDs within the .mcr file when those components are not Periodicals or are Periodicals with .cpt Component - Rate Type H = Per Ride-Along and Z - Included, part of host postage.	Update .mpu Mail Piece Unit ID.
4823	When the .pqt Combo-Pack ID is populated for .mpu Mail Piece Unit - Class of 2 = Periodicals, each .mpu Mail Piece Unit ID must only have one .mpa USPS Publication Number.	Update .mpa USPS Publication Number.

Error Code	Mail.dat Client Error Message	Action
4825	When the .pqt Combo-Pack ID is populated for .mpu Mail Piece Unit - Class of 2 = Periodicals or 5 = Per Pending, the .pqt Number of Pieces must be greater than or equal to 1 only on the CQT Database ID which has the highest .cpt Component - Periodical Ad Percentage and has .cpt Component - Rate Type of R = Regular.	Update .pqt Number of Pieces.
4826	When the .pqt Combo-Pack ID is populated for .mpu Mail Piece Unit - Class of 2 = Periodicals or 5 = Per Pending, the sum of the .cpt Component - Weight for each unique .pqt Combo-Pack ID + .pqt Package ID + .csm Container ID must be less than or equal to 16 oz.	Update .cpt Component - Weight.
4827	When the .pqt Combo-Pack ID is populated for .mpu Mail Piece Unit - Class of 2 = Periodicals or 5 = Per Pending, the .mpu Mail Piece Unit - Processing Category field is populated with FL = Flats and the .mpu Flat Machinability field is populated with Y = Machinable on ASFM 100, the sum of the .cpt Component - Weight for each unique .pqt Combo-Pack ID + .pqt Package ID + .csm Container ID must be less than or equal to 24 oz.	Update .cpt Component - Weight.
4828	When the .pqt Combo-Pack ID is populated for .mpu Mail Piece Unit - Class of 2 = Periodicals or 5 = Per Pending, the .pdr CQT Database ID must be populated with the CQT Database ID that has .cqt Number of Pieces populated with the piece.	Update .pdr CQT Database ID.
4860	When the .pqt Combo-Pack ID is populated for .mpu Mail Piece Unit - Class of 5 = Per Pending, each .mpu Mail Piece Unit ID must only have one .mpa Permit Number.	Update .mpa Permit Number.
4861	When the .pqt Combo-Pack ID is populated for .mpu Mail Piece Unit - Class of 2 = Periodicals or 5 = Per Pending, the .mpu Processing Category must be populated with a unique value.	Update .mpu Processing Category.

Table 9 - PostalOne! Mail.dat Validations in Support of Polybag Submissions

#### 4.4 Postal Wizard Interface

The USPS will update the "Look and Feel" of the Postal Wizard pages for Periodicals postage statements (PS Form 3541) to enhance the user experience by:

- streamlining data entry to group similar functionality together,
- · reducing the number of pages before submission, and
- · improving error handling.

In addition, performance will be improved by:

- writing to the database less frequently, and
- removing the concept of an incomplete postage statement. 18978

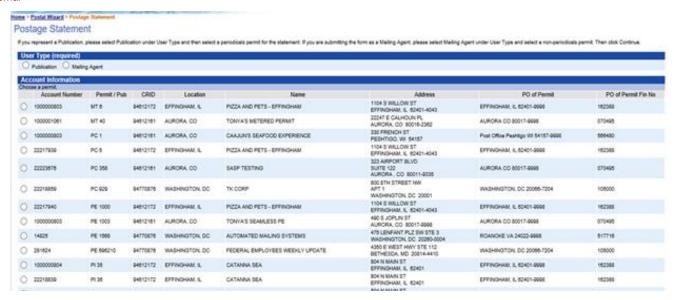


Figure 1 - Previous Postal Wizard Page

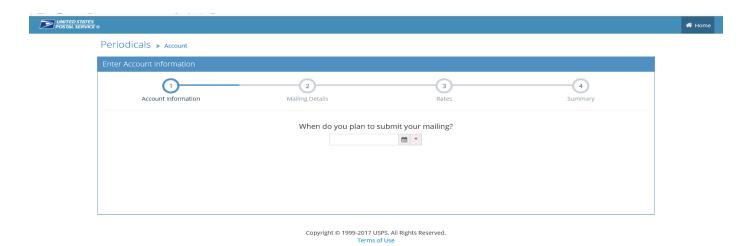


Figure 2 - Updated Postal Wizard Page

#### 5.0 PostalOne! - Corrections to Known Issues

#### 5.1 Business Reply Mail

For Business Reply Mail (BRM) transactions, the *PostalOne!* System will be updated to handle the scenario where an Enterprise Payment System (EPS) transaction is successfully processed but the *PostalOne!* System fails to update the database with the EPS Transaction ID. Currently, if the user finalizes the pending invoice from the BRM pending list, this scenario could result in the generation of a new transaction to EPS, incorrectly charging the user twice. 12146

#### **5.2 Customer Information Management**

- The Customer Satisfaction Survey email process will be updated to include a link that allows users to opt out of further survey email communication. Clicking the link will display a page on which the user can confirm that they wish to be removed from further Customer Satisfaction Survey email communication. The survey process will exclude users who have confirmed they wish to opt out of survey email communication, in addition to excluding users on the 30-day "No Activity" list. Opting out of Customer Satisfaction Survey email communication will not stop any other email communication with the mailer. The Customer Satisfaction Survey is currently emailed once in a 30-day period upon a customer presenting mail at a Business Mail Entry Unit (BMEU) or Detached Mail Unit (DMU). 11422 (19302-R)
- The text of the outgoing Customer Satisfaction Survey email message will be updated to provide several user-friendly modifications. The following line will be added to the end of the first paragraph: "If someone other than yourself interacted with the DMU, please forward this survey to them." The line "Please click the following button to access the survey" will be enlarged and displayed in boldface font. The line above the survey link URL will be modified to advise the user to copy and paste the entire URL into their browser. The revised line will be: "This email was sent to <username.email>. If the above link does not work, copy and paste this FULL URL into your web browser". 11941 (19305-R)
- The Customer Satisfaction Survey process will be updated to ensure that the district name used in the body of
  the survey email message adheres to the USPS Customer Insight team's naming convention. For some districts,
  this will entail displaying a different name from the district name used in previous Customer Satisfaction Survey
  email messages (e.g., "Greater South Carolina" would display in the survey message as "Greater S Carolina").
   11942 (19303-R)
- Weekly Business Mail Entry Unit (BMEU) / Detached Mail Unit (DMU) Survey reporting will be updated to include mailers who have opted out from receiving Customer Satisfaction Survey email notifications. 11989 (19304-R)

#### 5.3 Dashboard

- The PostalOne! System Dashboard Search functionality will be modified to remove the following search criteria: Account Number, Auto Fin Status, Barcode, Post Office of Mailing, IMsb Entry Method, Incentive Type, Issue Date Begin, Issue Date End, Verification Type, PW IMsb, EDDM Mailing, Having Deleted Containers, Volume, and Issue Number. 11525 (19318-R)
- The external PostalOne! Dashboard Search functionality will be updated to include Submission Type in the list of available search criteria. 11526 (19319-R)
- The Business Customer Gateway (BCG) Dashboard will be updated to disable the plus sign (+) option to expand Co-mail postage statements. Co-mail postage statements can be viewed by clicking the Job ID hyperlink on the Dashboard instead. 11996 (19328-R)

#### 5.4 eInduction

• eInduction validation will be updated to impose the same restrictions on the ContainerID in a QualificationReportCreateRequest message as in the more restrictive ContainerReleaseVerified. The ContainerID in a QualificationReportCreateRequest message will be required to have a minimum length of 6 characters instead of the current minimum of 1 character. In addition, the QualificationReportCreateRequest message will only accept numeric characters for the ContainerID, not alphanumeric as it currently does. Currently, as a result of the mismatch between the allowed construction of the ContainerID in these two messages, some containers are arriving as "Accepted-Not Expected". In order for mailer container information to flow to the entry facilities, the data must pass through both the QualificationReportCreateRequest and the ContainerReleaseVerified messages.11910 (19265-R) • Seamless Acceptance and Service Performance (SASP) and eInduction logic will be updated to provide a clear invoice date regardless of the timeframe within the month a mailer is brought on board to Seamless Acceptance. The updated methodology will alleviate an issue that results from the current method, in which eInduction stops invoicing for payment, duplicate, and undocumented errors logged against a mailer as soon as the associated Customer Registration ID (CRID) has been on-boarded to Seamless Acceptance. The eInduction invoices are updated daily, with the final invoice statement being locked in place on the 11th of the following month. The delayed invoicing in SASP combined with the immediate stoppage of invoicing within eInduction can sometimes result in valid errors not being invoiced. For example, undocumented errors that are identified at the end of the 10-day grace period do not show up on the Mailer Scorecard if the mailer is on-boarded to Seamless Acceptance after the undocumented container is inducted but before the end of the 10-day period. 11340 (19245-R)

#### 5.5 Electronic Data Exchange

- The Informed Delivery process will be updated to send information about the creation of an Informed Delivery campaign to the *PostalOne!* System. The *PostalOne!* System will communicate the outcome of the Informed Delivery campaign creation request to the user via a Mail.dat Receipt Events record. The information relayed will include the status of the request ("P" = Pass or "F" = Fail) and the date and time the Pass or Fail status occurred. For failed requests, the warning code and message(s) associated with the failure will be included on the receipt. 11440 (19009-R, 19010-R, 19011-R, 19012-R)
- A Mail.XML auto-finalization timing defect will be corrected that is currently causing a display issue on combined mailing submissions that include BeginCombinedMailingRequest and EndCombinedMailingRequest blocks. As a result of the issue, the status of such postage statements may display as "UPD" (USPS Processing Due) instead of "FIN" (Finalized). 11678 (19222-R)
- Mail.dat processing will be updated to alleviate an issue that can create duplicate database entries under certain conditions. The issue can occur when postage for a single container exists on both Periodical and USPS Marketing Mail statements within a Mail.dat mailing, and the statements are processed on separate days. The duplicate records prevent the mailing from being imported to Seamless Acceptance and Service Performance (SASP). 11751 (19223-R)
- A defect will be corrected for Mail.dat job submissions that include a pallet sibling that is not the sibling of a logical pallet with physical children. This scenario currently results in the container incorrectly being charged double. 11799 (19232-R)
- For Mail.dat submissions, the charge exemption for pallets with both In-County and Outside-County pieces will be applied to pallets that are marked as Flats Sequencing System (FSS) Sort Plan. Currently, Mail.dat pallets that are marked as FSS Sort Plan are being charged even if they contain both In-County and Outside-County pieces. 11803 (19234-R)
- For a non-Mail Anywhere Mail.dat Combined statement that contains multiple Mailer Postage Account (.mpa) records with two sets of unique ZIP+4 Post Office of Permit ZIP Codes which map back to a single .seg ID (Post Office of Mailing), Mail.dat validation code 0160 is not being generated even though it should be in this scenario. The user is able to successfully upload the mailing job and finalize the postage statement. Mail.dat validation code 0160 is: "Populate either the .mpa USPS Publication Number field or the .mpa Permit Number field." The corrective action for the error is to populate the .mpa Permit ZIP+4 field with a value that maps back to a single finance number. 12017 (19286-R)

#### 5.6 Electronic Verification System (eVS®)

- Performance will be improved for the eVS Manifest Search Domestic/International EFN Search. Currently, when searching by Electronic File Number (EFN), the search functionality sometimes times out without returning search results. 11510 (19279-R)
- The eVS Monthly Account and Sampling Summary page will be updated to correctly denote Proposed
  Adjustment entries for which "small sampling" calculations were used to determine whether a Postage
  Adjustment Factor (PAF) was needed. Currently, the superscript notation for "small sampling" is incorrectly
  appearing on all Proposed Adjustment entries for PAF adjustments in all mail classes. 11579 (19280-R)
- PostalOne! eVS will be updated to allow permits that are linked to Centralized Account Processing System
  (CAPS) locations the ability to submit eVS transactions. The PostalOne! System currently restricts eVS mailers
  to using only PostalOne! System locations for eVS mailings. With this release, eVS mailers will also be able to
  process transactions from permits linked solely to CAPS locations. 11601 (19282-R)

- The eVS Unused Label Refund Request functionality will be updated to provide an option that will enable users to submit a list of Electronic File Numbers (EFNs) for which the system will evaluate all Package Identification Codes (PICs) for an unused label refund request. 11806 (19281-R)
- A display issue will be corrected for eVS international postage statements (PS Form 3700). When eVS international postage statements are accessed through the eVS Monthly Account and Sampling Summary page by drilling down on the postage statement summary link, they incorrectly display a Total Weight of 0 pounds. The display will be updated to show the Total Pounds summed from the postage statement lines. 11925 (19283-R)
- The eVS Monthly Account and Sampling Summary page ("eVS Landing page") Adjustments tab will be updated to correct a display issue for reversals of ad-hoc adjustments. Currently, when users attempt to reverse an adhoc adjustment, the display for the original ad-hoc adjustment is missing some information. As a result, the adhoc adjustment sometimes appear to show duplicates. 12098 (19363-R)
- eVS Unused Label Refund Request processing will be updated to create a separate processing queue dedicated solely to manually submitted refund requests in order to improve performance for the user experience. Currently, users can wait 8 24 hours for processing of a manually submitted unused label refund request. This is because the manually submitted refund requests share a queue with the same process used for unused label refunds requested automatically via the manifest corrections file. 12123 (19368-R)
- eVS Unused Label Refund Request functionality will be updated to shorten the reusability timeframe for Package Identification Codes (PIC) from 180 days to 120 days. Currently, users cannot reuse a PIC for an unused label refund request until 180 days has passed. 12130 (19371-R)

#### 5.7 Full-Service Postage Statement Processing

The USPS requires Move Update compliance for First-Class Mail, USPS Marketing Mail, and Bound Printed Matter (BPM) Flats with Presort or Automation prices. Mailers must update their address lists, including submission of Change of Address forms (COAs), within 95 days of a mailing. Move Update census assessments for mailers exceeding the threshold will be activated beginning in April 2018 for March 2018 mailings. The *PostalOne!* System Mail Entry Assessments will include impacts from Move Update with the April 11, 2018 assessment notifications. The assessment amounts for Move Update will display for internal and external users in the Mail Entry Postage Assessment module for April 11, 2018 assessments. Email notification messages for the assessments will include a line for Move Update, with the dollar amount of the assessment indicated. Mailers will be able to request a review of Move Update errors. 12022 (19350-R)

#### 5.8 Mailer View Functionality

The Mailer View Low Balance and Fee notification email process will be updated to correct a defect that occurs under certain conditions, causing the process to fail for some mailers. A database error occurs during processing for mailers that have more than 220 permits. As a result, the mailers for whom the process fails do not receive their Balance and Fee email notification messages. In addition, the defect prevents the notification process from continuing, so all mailers to be processed after the error occurs also fail to receive Balance and Fee email notification messages. 12135 (19373-R)

#### **5.9 Performance Based Verification (PBV)**

For mailers participating in Full Service, Seamless Acceptance, or Seamless/Parallel Acceptance, postage statements for Bound Printed Matter (BPM) Flats (PS Form 3605) will be included in the Seamless Acceptance process. The *PostalOne!* System Seamless Acceptance Admin page will be updated to allow PS Form 3605 to be selected in the Eligible Postage Statements section, enabling the statements for auto-finalization. Performance Based Verification (PBV) and Seamless Acceptance and Service Performance (SASP) will be updated to include BPM Flats postage statements in PBV frequency and sampling calculations. BPM Flats postage statement processing will be updated to account for Full-Service Intelligent Mail Device (FS-IMD) sampling functionality. Seamless Acceptance data for BPM Flats will be included on the Mailer Scorecard. 11464 (19307-R, 19347-R, 19348-R)

#### 5.10 Postage Statement Processing

- For manual First-Class Mail postage statements, processing will be updated to properly handle retrieval of the Negotiated Service Agreement (NSA) rate for line S7 (Signature Confirmation Restricted Delivery Electronic). 11838 (19323-R)
- An issue will be corrected that is resulting in a permit that is linked to an active Priority Mail Commercial Plus
  Price (CPP) contract incorrectly receiving the commercial base rates for balloon and dimensional weight postage
  statement lines instead of the CPP rates that should be applied. 11864 (19324-R)

- Postage statement processing will be updated to prevent duplicate adjustment transactions from being created
  when mailings are partially finalized on a Self-Service Terminal (SST). If a mailing with an affixed postage
  method generates multiple distinct statements and one of these is finalized on an SST, while others are finalized
  by a clerk in the *PostalOne!* System, a duplicate adjustment record can incorrectly be generated. The duplicate
  transaction balance is equal to the additional postage due for the statement(s) finalized by the clerk. 12037 (19329-R)
- For Mail Anywhere mailings that are finalized on a Self-Service Terminal (SST) at a verification facility, the Post Office (PO) Cost Center for the permit ZIP Code is incorrectly recorded for the transaction. Postage statements which are finalized by a clerk in the *PostalOne!* System use the PO Cost Center that the finalizing clerk is signed into; however, for mailings finalized on an SST, the PO Cost Center configured on the SST kiosk should be used. As a result, the Transaction Summary Report displays the incorrect PO Cost Center for transactions in this scenario. 12038 (19330-R)

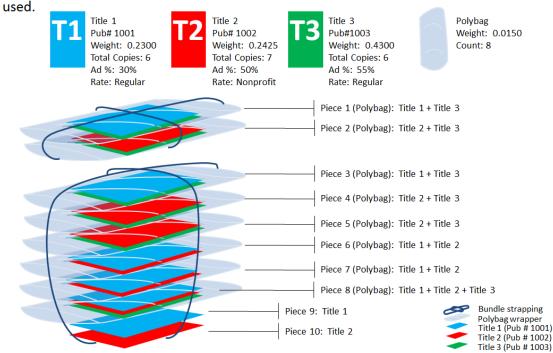
# 6.0 Seamless Acceptance and Service Performance (SASP) – Corrections to Known Issues

#### 6.1 Full-Service

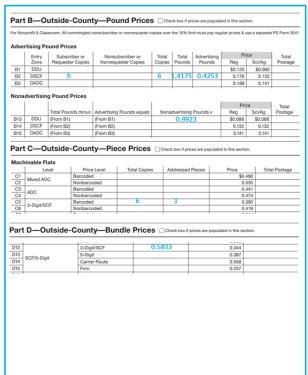
Full-Service invoicing will be updated to properly account for the scenario in which a physical sibling container is above the Full-Service error threshold. Currently, in this scenario, the Full-Service discount is incorrectly removed multiple times for pieces within a sibling container (once for each associated physical sibling container). 4278-S

# 7.0 Appendix A – Polybag Example Scenario

Find a visual representation of an example of two bundles using a polybag/polywrap preparation with 3 publication titles. These two bundles will be used to show detailed calculations of the associated postage statements. To determine the publication which receives the piece charge for each polybag the rate type and advertising percentage are



#### Postage Statement calculation for Title 1 of the two example bundles:



#### ection B

- There are total pounds of 1.4175. 5 copies are from Polybags (Piece 1, 3, 6, 7, 8) which had weight 0.2300 plus half of the weight of the polybag 0.0075. There is an additional one copy that is not in a polybag (Piece 9) which has weight 0.2300.
- The advertising percentage is 30%, making the advertising pounds .4253.
- The non-advertising pounds is 0.9923. The weight is calculated as total pounds 1.4175 minus the advertising pounds .4253.

#### Section C:

 There are 3 pieces from 2 polybags (Piece 6 and 7) and an additional piece that is not in a polybag (Piece 9)

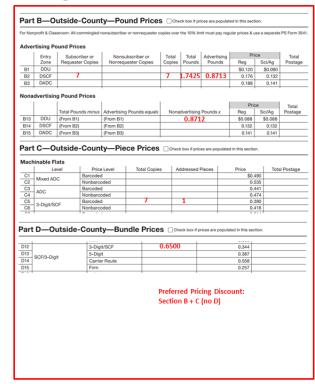
#### Section D

 Section D is 0.5833 which is 1 copy as a percentage of 4 total copies in the top bundle and 5 copies in 15 total copies in the bottom bundle

Additional attributes of the example used to complete the postage statement.

- All outside county pieces
- Both bundles are 3 digit and being entered at the SCF.
- All copies are subscribers.
- The pieces are barcoded machinable flats with level 3 digit

#### Postage Statement calculation for Title 2 of the two example bundles:



#### Section B:

- There are total pounds of 1.7425. 6 copies are from Polybags (Piece 2, 4, 5, 6, 7, 8) which had weight 0.2425 plus half of the weight of the polybag 0.0075. There is an additional one copy that is not in a polybag (Piece 9) which has weight 0.2425.
- The advertising percentage is 50%, making the advertising pounds .8713.
- The non-advertising pounds is 0.8712. The weight is calculated as total pounds 1.7425 minus the advertising pounds .8713.

#### Section C:

 Title 2 does not receive any piece charges for copies in the polybags. There is 1 piece that is not in a polybag (Piece 10)

#### Section D

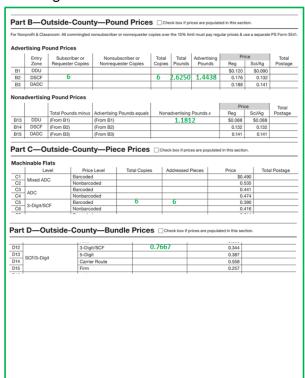
 Section D is 0.6500 which is 1 copy as a percentage of 4 total copies in the top bundle and 6 copies in 15 total copies in the bottom bundle

Title 2 is a nonprofit publication. The 5% discount is only applicable for bundle and container charges when a nonprofit pub is the piece charge. So, in this case all section B and the postage in section C for the single piece which is not part of a copy bag.

 $\label{lem:additional} \textit{Additional attributes of the example used to complete the postage statement.}$ 

- All outside county pieces
- Both bundles are 3 digit and being entered at the SCF.
- All copies are subscribers.
- The pieces are barcoded machinable flats with level 3 digit

#### Postage Statement calculation for Title 3 of the two example bundles:



#### Section B:

- There are total pounds of 2.6250. 6 copies are from Polybags (Piece 1, 2, 3, 4, 5, 8) which had weight 0.4300 plus half of the weight of the polybag 0.0075.
- The advertising percentage is 55%, making the advertising pounds 1.4438.
- The non-advertising pounds is 1.1812. The weight is calculated as total pounds 2.6250 minus the advertising pounds 1.4438.

#### Section C:

• There are 6 pieces from polybags (Piece 1, 2, 3, 4, 5, 8)

#### Section D

 Section D is 0.6500 which is 2 copies as a percentage of 4 total copies in the top bundle and 4 copies in 15 total copies in the bottom bundle

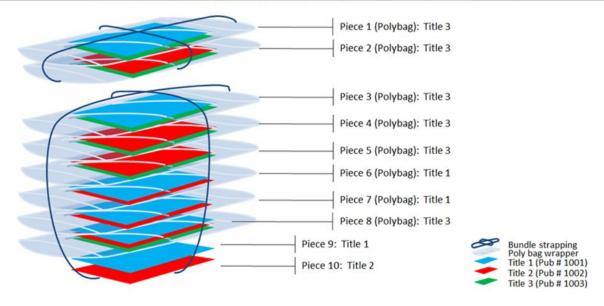
Additional attributes of the example used to complete the postage statement.

- All outside county pieces
- Both bundles are 3 digit and being entered at the SCF.
- All copies are subscribers.
- The pieces are barcoded machinable flats with level 3 digit

#### External

Summarizing the piece, copy, and pound values from the three postage statements of the separate title we show the reduced total piece charges:

Postage Statement Summary												
	Title 1		Title 2		Title 3		Total					
Section	Pieces	Copies	Pounds	Pieces	Copies	Pounds	Pieces	Copies	Pounds	Pieces	Copies	Pounds
Section B – Pounds	-	6	1.4175	-	7	1.7425	*	6	2.6250		19	5.7850
Section C - Pieces	3	6		1	7	*	6	6	-	10	19	
Section D - Bundles	0.5833	8	-	.6500	*	-	0.7667		-	2	-	



# **8.0 Document History**

Date	Version	Section	Description
02/26/2018 — 03/06/2018	Chg. 2.0, v1.0	4.1.6 4.3 4.3.1 4.3.7 5.1 5.6 5.8 7.0	<ul> <li>Added Informed Delivery Support (Section 4.1.6)</li> <li>Added cross-reference to Appendix A (Section 4.3)</li> <li>Updated wording for 11262 (Section 4.3.1)</li> <li>Added Bound Printer Matter to Error Code 4820 (Section 4.3.7)</li> <li>Added ETR 12146 (Section 5.1)</li> <li>Added ETRs 12123 and 12130 (Section 5.6)</li> <li>Updated CR 11806 (Section 5.6)</li> <li>Added ETR 12135 (Section 5.8)</li> <li>Added Appendix A to include example scenario for a polybag mailing (Section 7.0)</li> </ul>