



HIGH LEVEL DRAFT DOCUMENTS

**Full Service Gap Enhancements for
eDoc (Mail.dat/Mail.XML), BMEU and
Postal Wizard**

DRAFT

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1 System Features

1.1 Outside County Container Charges for Periodicals with Logical / Sibling Relationships (Mail.dat)

1.1.1 Description and Priority

Currently, container charges are applied to the number of Logical Pallets (which have physical siblings) when Periodical statements have Outside County containers tied to a Logical Pallet. The expected and desired functionality is for container charges to be applied to the number of Physical Pallets when Periodical Statements have Outside County containers.

The current functionality is also true for Logical/Physical sibling relationship for Trays, and the expected/desired functionality should be implemented for this relationship as well. (COM 102597)

1.1.2 Stimulus/Response Sequences

- *PostalOne!* receives Mail.dat jobs with container status of P or R (P = Preliminary Postage Statement and R = Ready to Pay) and class of PE (PE = Periodicals) and with logical containers tied to siblings (in the case of container status = R only or mailer may provide siblings with a P status).
- The *PostalOne!* system validates that the sibling data exists for PE job with logical containers before postage can be processed; if sibling data is missing, the system with Container status of P will generate a warning that the postage calculation is invalid without siblings and shall generate an error when container status = R and siblings are absent.
- The *PostalOne!* system processes postage and generates postage statements.

1.1.3: Features

- The *PostalOne!* system shall validate that the logical pallet (M) be available when a mailer sends the container status of P to the *PostalOne!* System with a class of Periodicals. [Note: sibling information not required for Preliminary postage statement validation in a logical environment.]
 - If the sibling pallets are not available, the *PostalOne!* system shall generate a warning, "For Periodicals mailing of logical pallets, sibling information for pallets is required for accurate postage calculation."

- The *PostalOne!* system shall apply an outside county container charge on the number of physical pallets that are split across associated .cqt records in a mailing when the following conditions are met:
 - .seg Container and Bundle Charge Method field is set to 3 (proportion by copies to each of the publications)
 - .cqt Periodicals: Not County/In County field is set to N (Not County)
 - .cqt records are associated with containers in the .csm file with a Container Type of M.
 - Logical Pallet (Container Type M) is associated with Physical Pallet Siblings (Container Type P).
- The *PostalOne!* system shall validate that the sibling containers for logical pallets (M) be available when a mailer sends the container status of R to the *PostalOne!* System with a class of Periodicals.
 - If the sibling containers are missing when container status is R, the *PostalOne!* system shall generate an error, "For Periodicals mailings with logical pallets, sibling container information is required."
 - The *PostalOne!* system shall follow the new error structure and provide key values and action to the mailer as part of the error response.
- The *PostalOne!* system shall validate the logical trays (L) be available when a mailer sends the container status of P to the *PostalOne!* System with a class of Periodicals.
 - If the sibling tray information is missing when container status is P, the *PostalOne!* system shall generate a warning, "For Periodicals mailing of logical trays, sibling information for trays is required for accurate postage calculation."
- The *PostalOne!* system shall apply an outside county container charge on the number of physical trays that are split across associated .cqt records in a mailing when the following conditions are met:
 - .seg Container and Bundle Charge Method field is set to 3 (proportion by copies to each of the publications)
 - .cqt Periodicals: Not County/In County field is set to N (Not County)
 - .cqt records are associated with containers in the .csm with a Container Type of L or V. If V, get all the physical sack siblings.
 - Logical Tray (Container Type L) is associated with Physical Tray Siblings (O, T, E, F)

- The *PostalOne!* system shall validate the sibling containers for logical trays (L) be available when a mailer sends the container status of R to the *PostalOne!* System with a class of Periodicals.
 - If the sibling containers are missing when container status is R, the *PostalOne!* system shall generate an error, “For Periodicals mailings with logical trays, sibling container information is required.”
 - The *PostalOne!* system shall follow the new error structure and provide key values and action to the mailer as part of the error response.
- The *PostalOne!* system shall apply the full container charge allocation for each .cqt record associated with a logical tray for each container charge line on the Periodicals postage statement when logical containers are associated with physical sibling containers.
- The eInduction system shall allow processing of sibling pallets when the sibling pallets are tied to logical containers for the MLOCR presentation category of C= Consolidated Internal Copal job with linked logical and presort mailings.

1.2 Outside County Container Charges for Periodicals with Logical / Sibling Relationships (Mail.XML)

1.2.1 Description and Priority

Currently, container charges are applied to the number of Logical Pallets (which have physical siblings) when Periodical Statements have Outside County containers to a Logical Pallet. The expected and desired functionality is for container charges to be applied to the number of Physical Pallets when Periodical Statements have Outside County containers. The current functionality is also true for Logical/Physical sibling relationship for Trays, and the expected/desired functionality should be implemented for this relationship as well. (COM 102597)

1.2.2 Stimulus/Response Sequences

1. The *PostalOne!* system will apply an outside county container charge on the number of physical pallets that are split across associated ContainerDetailData blocks in a postage statement when the following conditions are met in the Periodical and Combined Periodical Postage Statement messages:
 - InOutCountyIndicator is set to N (N=Outside County)
 - ContainerDetailData blocks are associated with containers in the ContainerInfoData block with a ContainerType of M
 - Logical Pallet (ContainerType M) is associated with Physical Pallet Siblings (ContainerType P)

The full container charge allocation for each ContainerDetailData block that is associated associated with a logical pallet must be applied to each container charge line on the

Periodicals postage statement when logical containers are associated with physical siblings.

2. The *PostalOne!* system will apply an outside county container charge on the number of logical trays that are split across associated ContainerDetailData blocks in a mailing when the following conditions are met:
 - InOutCountyIndicator is set to N
 - ContainerDetailData blocks are associated with containers in the ContainerInfoData block with a ContainerType of L or V (if V, get all the physical sack siblings)
 - Logical Trays (ContainerType L) is associated with Physical Tray Siblings (mailxmlcontainerType O, T, E, F)

The full container charge allocation for each ContainerDetailData block that is associated with a logical tray must be applied to each container charge line on the Periodicals postage statement when logical trays are associated with physical siblings.

1.2.3 Features

Periodical Pallet Charge Allocation

The allocation of the charges for Periodical mailing is implemented in Mail.XML using the PeriodicalStatementCreate Request/Response, and ConsolidatedPeriodicalStatement Request/Response messages.

- The *PostalOne!* system shall apply an outside county container charge on the number of physical pallets that are split across associated PeriodicalLineItemData blocks in a mailing when the following conditions are met:
 - InOutCountyIndicator is set to N
 - Option1: The data provided for Container postage detail (containerPostageType) shall be used to validate and calculate the charges for Periodical postage.
 - Option 2 : ContainerID and ContainerDetailID data shall be used to validate and calculate the charges for Periodical postage.
 - Option 3 when InOutCountyIndicator is provided. The InOutCountyIndicator set to N shall be combined with the Pieces and Containers to validate and calculate the charges for Periodical postage.
- The *PostalOne!* system shall apply either option 1, option 2 or option 3 to validate and calculate the charges for Consolidated Periodical postages.
 - CreateConsolidatedPeriodicalStatementData in ConsolidatedPeriodicalStatementCreateRequest message contains the

same data block PeriodicalLineItemData as in PeriodicalStatementCreateRequest. Therefore both Option 2 and 3 are applicable for Consolidated Periodical postage allocation for Outside County containers following the logical/physical container relationship.

Periodical Tray Charge Allocation

- The *PostalOne!* system shall apply an outside county container charge on the number of physical trays that are split across associated PeriodicalLineItemData blocks in a mailing when the following conditions are met:
 - InOutCountyIndicator is set to N
 - Option1: The data provided for Container postage detail (containerPostageType) shall be used to validate and calculate the charges for Periodical postage.
 - Option 2: ContainerID and ContainerDetailID data shall be used to validate and calculate the charges for Periodical postage.
 - Option 3: when InOutCountyIndicator is provided. The InOutCountyIndicator set to N shall be combined with the Pieces and Containers to validate and calculate the charges for Periodical postage.
- The *PostalOne!* system shall apply either option 1, option 2 or option 3 to validate and calculate the charges for Consolidated Periodical postage.
 - CreateConsolidatedPeriodicalStatementData in ConsolidatedPeriodicalStatementCreateRequest message contains the same data block PeriodicalLineItemData as in PeriodicalStatementCreateRequest. Therefore both Option 2 and 3 are applicable for Consolidated Periodical postage allocation for Outside County containers following the logical/physical container relationship.

1.3 First Class & MLOCR Bundle-Based Flats with eDoc Postage and Qualification Reporting (Mail.dat)

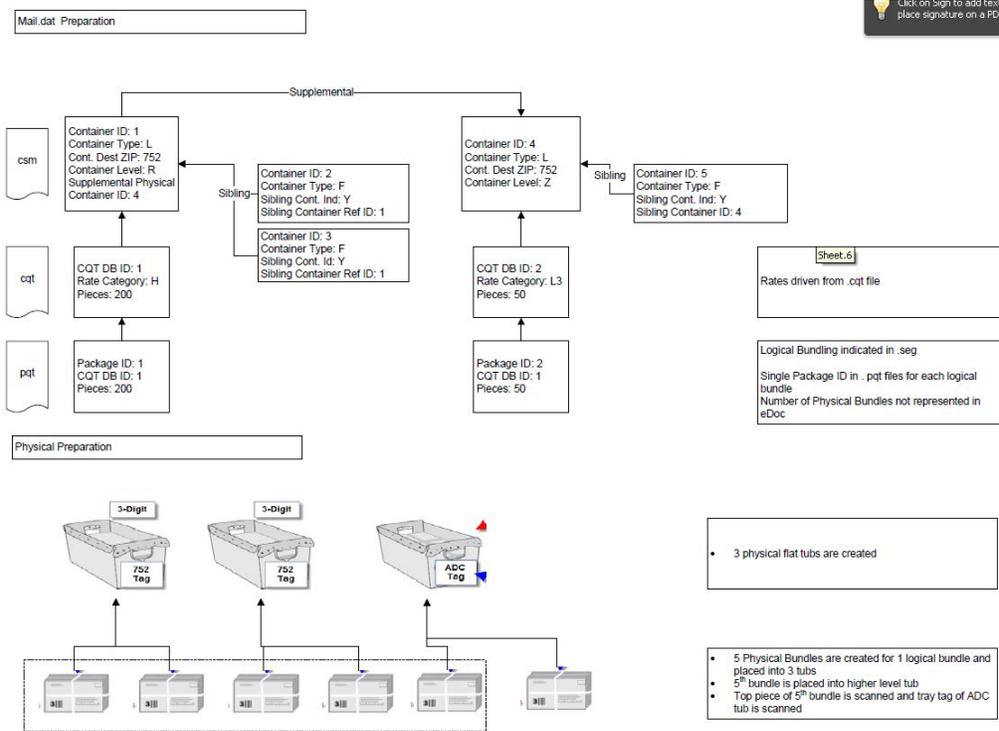
1.3.1 Description and Priority

Bundles preparation is not currently supported in Mail.dat for First-Class flats. The USPS needs to define a policy to allow bundles for this mail class and include MLOCR bundle based flats. Also, *PostalOne!* and SASP will need to change to allow for Bundles to be tied to logical Containers. Validation and processing/reporting requirements will also change to close this Full Service gap. (COM 113338)

1.3.2 Features

- The *PostalOne!* Mail.dat system shall permit Bundle charges to be applied to mailpieces on line items for Flats for First Class Mail, sortation level 5-Digit, 3-Digit, ADC and Mixed ADC for the 3600-FCM Postage Statement job (currently line numbers A9, A10, A11 and A12; line numbers subject to change, must validate numbers with the July 2013 postage statements during design).
- The *PostalOne!* Qualification Report shall be updated to show the correct number of bundles in a Flat tub.
- The *PostalOne!* system shall allow the MLOCR logical Trays for sibling tubs/bundles to use the Supplemental Physical Container ID in CSM. This Supplemental Physical Container ID will be used for identification/nesting of physical bundles when tied to logical Trays.
- *PostalOne!* shall allow the Mail.dat Supplemental Physical Container ID to be pointing to a container at the same level (logical to logical, or physical to physical) at handling unit level.
- *PostalOne!* shall allow logical trays to be allowed to exist that do not have any CQT's.
 - The absence of CQT records shall only be allowed when logical trays are tied to logical bundles through the Supplemental Physical ID and not through the Parent Container Ref ID.
- SASP shall appropriately interpret the bundle preparation for verification purposes with logical tray to logical bundle linkage through the Supplemental Physical Container ID where CQT records may be missing.
- SASP shall validate that at least 90 pieces are present for a particular sortation level when the mailer has created the sort with logical bundles in a logical tray.

Comment [SM1]: We need to discuss this further



1.4 First Class & MLOCR Bundle-Based Flats with eDoc Postage and Qualification Reporting (Mail.XML)

1.4.1 Description and Priority

Bundles preparation is not currently supported in Mail.XML for First-Class flats. The USPS needs to define a policy to allow bundles for this mail class and include MLOCR bundle based flats. Also, *PostalOne!* and SASP will need to change to allow for Bundles to be tied to logical Containers. Validation and processing/reporting requirements will also change to close this Full Service gap. (COM 113338)

1.4.2 Features

- The PostalOne! system shall support 13.0C or 14.0A for eDocs.
- The *PostalOne!* Mail.XML system shall permit Bundle charges to be applied to mailpieces on line items for Flats for First Class Mail, sortation level 5-Digit, 3-Digit, ADC and Mixed ADC (line numbers A9, A10, A11 and A12; line numbers subject to change – must validate

line numbers with the July 2013 postage statements during design) for the 3600-FCM Postage Statement job.

- The *PostalOne!* CORE system shall update the display screen for Qualification Report and postage statements to reflect Postage Statement (3600-FCM) bundle charges applied to line items for Flats and display the data submitted through Mail.XML eDoc.
- The *PostalOne!* CORE system shall update the display screen for Qualification Report to show the correct number of bundles in a Flat tub submitted through Mail.XML.
- The *PostalOne!* system shall allow the MLOCR logical Trays for sibling tubs/bundles to use the Mail.XML element "Supplemental Physical Container ID" in the Container info data block included in other documentation field. This Supplemental Physical Container ID will be used for identification/nesting of physical bundles when tied to logical Trays.
- *PostalOne!* shall allow logical trays to be allowed to exist that are missing Container detail records in the Mail.XML eDoc.
 - The absence of Container detail records in Mail.XML shall only be allowed when logical trays are tied to logical bundles through the Supplemental Physical Container ID and not through the Parent Container ID.
- *PostalOne!* shall allow the Mail.XML Supplemental Physical Container ID to be pointing to a container at the same level (logical to logical, or physical to physical) at handling unit level.
- SASP shall appropriately interpret the bundle preparation for verification purposes so that whenever the mail is sampled for pieces in the ContainerInfoData block for a container and the container is redirected, that container shall not be flagged with an error.
- SASP shall validate that at least 90 pieces are present for a particular sortation level when the mailer has created the sort.

1.5 Residual "Single-Piece" Mail from an MLOCR Environment

1.5.1 Description and Priority

There is a need in the industry to address the problem of putting single piece mail in eDoc for MLOCR metered and permit mailing to support Full Service. As of January 27, 2013 for all Residual Single Piece mail, customers must choose either the Commercial Residual Mail option or the Retail Single-Piece Mail option for all pieces in a job (regardless of number of segments). MLOCR pieces would need to be claimed as Commercial Single-Piece Mail and presented on a separate postage statement on lines B4/B5 of PS 3600-FCM.

The following requirements would be used to accept MLOCR permit mailings as Commercial

Commercial Single Piece. (COM 113340)

1.5.2 Features

- The *PostalOne!* system for an MLOCR permit Residual Single Piece mailing shall map the pieces submitted through Mail.dat to the PS 3600-First Class Mail if the following conditions are met:
 - HDR - Mail.dat Presentation Category of "M" = MLOCR
 - SEG Presentation Category P = MLOCR/BCS One Pass Finalization Mailing – Planned and A = MLOCR/BCS One Pass Finalization Mailing – Actual (Note: Both need to exist because there are two Qualification Reports for the same MLOCR mailing). If Two Pass, 'Primary MPA ID' of the MCR record mapped to the 'MPA Unique Sequence ID' of the primary permit(s) in the MPA record.
 - MPA Postage Payment Method: "P" for Permit Imprint only
 - One MPU Weight – Identical pieces 1 oz.; 2 oz.; 3 oz.; or 3.5 oz. (Non-SPPS mailing)
 - Multiple MPU Weights – Non-identical pieces 1 oz or less; 1-2 oz.; 2-3 oz.; or 3-3.5 oz. (authorized SPPS only)
 - CQT Rate Category - Must have only "S" for Single-piece
 - MPU Rate Schedule – Blank or "P" for Commercial/Commercial Plus
 - CSM Container Level - Must have only "AJ" for Single-piece
 - Mail Preparation – Commercial Single-pieces placed in a tray (The physical handling of the mailpieces is the same as today)
 - Mail Piece Marking – Single-piece Markings for Commercial Single-pieces
 - Postage Statement Price Line – Nonautomation line for Residual Single Piece from First Class Mail Mailing (up to and including 2 oz.), currently line B4; or nonautomation line for Single Piece > 2 oz. up to 3.5 oz., currently line B5 (line numbers subject to change – must validate line numbers with the July 2013 postage statements during design)

- The *PostalOne!* system for an MLOCR permit Residual Single Piece mailing shall map the pieces submitted through Mail.XML to the PS 3600-First Class Mail if the following conditions are met:
 - MailXML PresentationCategory field is "M" = MLOCR within the MailingGroupData block of the OpenMailingGroupRequest message
 - Mail.XML "One Pass MLOCR" mailing where OnePassPlannedOrActualFlag is "P" = Planned in the first submission and OnePassPlannedOrActualFlag is "A" = Actual in the second submission in the QualificationReportSummaryCreateRequest / QualificationReportDetailCreateRequest message for the specified MailingGroupID and CustomerGroupID
 - Mail.XML PermitType in the PermitHolderData block in the PostageStatementCreateRequest message must be set to Permit Imprint (PI)

- Component Weight – Identical pieces 1 oz; 2 oz.; 3 oz.; or 3.5 oz. (Non-SPPS mailing)
- Multiple Weight Components – Non-identical pieces 1 oz or less; 1-2 oz.; 2-3 oz.; or 3-3.5 oz. (authorized SPPS only)
- Mail.XML RateLevel is Single-Piece (“SP”)
- PriceType is “Commercial” or “Commercial Plus”
- Mail.XML SortationLevel in ContainerInfoData block of QualificationReportSummaryCreateRequest / QualificationReportDetailCreateRequest message must be set to “AN” = Single Piece)
- Mail Preparation – Commercial Single-pieces placed in a tray (The physical handling of the mailpieces is the same as today)
- Mail Piece Marking – Single-piece Markings for Commercial Single-pieces
- Postage Statement Price Line mappings – Nonautomation line for Residual Single Piece from First Class Mail Mailing (up to and including 2 oz.), currently line B4; or nonautomation line for Single Piece > 2 oz. up to 3.5 oz., currently line B5 (line numbers subject to change – must validate line numbers with the July 2013 postage statements during design)

1.6 3rd Party Copal for Logical Mailers (Mail.dat/Mail.XML)

1.6.1 Description and Priority

When origin mailings as a single shipment can be tied to a Logical mailing with finite Sibling Handling units and in the Copal process all of the Logical Origin Containers are placed on Logical Pallets tied to logical or physical handling units, such Copal should be allowed in a third party scenario where mail is moving from a MLOCR environment to a consolidator environment in a different plant. This item needs a policy discussion with BME and BMS.

PostalOne! and SASP validation and processing/reporting requirements will change. (COM 113384)

1.6.2 Features

- The third party copal scenario shall only be applicable when the origin mailer (origin job) as well as the consolidator (copal job) are both identified and approved as Seamless Acceptance participants.
- The *PostalOne!* System for Mail.dat eDoc with E origin jobs with a “Presentation Category” of P = Conventional Presort, or M = MLOCR, or N = Single Piece, shall be validated according to the existing rules of the corresponding presentation category.
- The *PostalOne!* System for Mail.XML eDoc with origin jobs and Presentation Category of P = Conventional Presort, or M = MLOCR, or N = Single Piece, shall be validated according to the existing rules of the corresponding presentation category

- The *PostalOne!* system shall allow Origin jobs with HDR Presentation Category of M (MLOCR) from Mail.dat that are marked for copal in the CSM “Included In Other Documentation” field.
- The *PostalOne!* system shall allow Origin jobs with HDR Presentation Category of P (Conventional Presort) from Mail.dat that are marked for copal in the CSM “Included In Other Documentation” field.
- The *PostalOne!* system shall allow Origin jobs with HDR Presentation Category of N (Single Piece) from Mail.dat that are marked for copal in the CSM “Included In Other Documentation” field.
- The *PostalOne!* system shall allow Origin jobs with Presentation category of M (MLOCR) from Mail.XML that are marked for copal in the ContainerInfoData block “includedInOtherDocType” field.
- The *PostalOne!* system shall allow Origin jobs with Presentation category of P (Conventional Presort) from Mail.XML that are marked for copal in the ContainerInfoData block “includedInOtherDocType” field.
- The *PostalOne!* system shall allow Origin jobs with Presentation category of N (Single Piece) from Mail.XML that are marked for copal in the ContainerInfoData block “includedInOtherDocType” field.
- The *PostalOne!* system shall process payment for the MLOCR origin jobs based on the current implementation and there are no changes anticipated.
- The *PostalOne!* system for Mail.dat eDoc shall trigger validations on a Consolidator job (with OCI file) for third party logical copal when the HDR Presentation category identified is E (E = Consolidated External Copal Job with MLOCR and Conventional Presort).
- The *PostalOne!* system for Mail.XML eDoc shall trigger validations on a Consolidator job for third party logical copal when the presentationCategoryType identified is C (C = Consolidated Internal Copal job with linked logical and presort mailings).
- The *PostalOne!* system shall allow the Consolidator to send a Job that links the logical trays (from the consolidated job) back to the logical trays (in the origin jobs) through OCI Mail.dat file.
- The *PostalOne!* system shall allow the Consolidator to send a Job that links the logical trays (from the consolidated job) back to the logical trays (in the origin jobs) through OriginalContainer Mail.XML block.
- The *PostalOne!* system shall allow the Consolidator to send a Job that links the physical trays (from the consolidated job) back to the physical trays (in the origin jobs) through OCI Mail.dat file.
- The *PostalOne!* system shall allow the Consolidator to send a Job that links the physical trays (from the consolidated job) back to the physical trays (in the origin jobs) through

OriginalContainer Mail.XML block of the OriginalContainerLinkageCreateRequest message.

- The *PostalOne!* system for the HDR Presentation Category of E (Consolidated External Copal Job with MLOCR and Conventional Presort) shall update the OCI Copal verification report to show logical copal linkage with logical origin trays for Mail.dat eDocs.
- The *PostalOne!* system for presentationCategoryType of C (Consolidated Internal Copal job with linked logical and presort mailings) in the PresentationCategory block shall update the OCI Copal verification report to show logical copal linkage with logical origin trays for Mail.XML eDocs.
- The *PostalOne!* system for the HDR Presentation Category of E (Consolidated External Copal Job with MLOCR and Conventional Presort) shall update the OCI Copal verification report to show physical copal linkage with physical origin trays for Mail.dat eDocs.
- The *PostalOne!* system for presentationCategoryType of C (Consolidated Internal Copal job with linked logical and presort mailings) in the PresentationCategory block shall update the OCI Copal verification report to show physical copal linkage with physical origin trays for Mail.XML eDocs.
- The *PostalOne!* system shall validate that an entire sibling group must be submitted together for a copal consolidator job.

1.7 Create New Error for Bundle-Based Copals

1.7.1 Description and Priority

Currently, error 1170 reads "Cannot delete consolidator copal jobs for Tray based submissions once the consolidator is accepted". This error throws even when a bundle-based copal is used. A new error code should be created for bundle-based copals to avoid confusion. (COM 105902)

1.7.2 Features

- The *PostalOne!* Mail.dat validation system shall implement a new error message in situations when a mailer attempts to delete a consolidator copal job for a bundle-based submission after the consolidator job has been accepted and postage has been finalized. Suggested error message:

REQ .1.: "Cannot delete consolidator copal jobs for bundle-based submissions once the consolidator job is accepted".

1.8 Allow 10-digit Barcodes in Logical Containers

1.8.1 Description and Priority

Currently, error 0031 does not allow barcodes in logical containers. Error 0031 – “For MLOCR Mailings, barcode data is not permitted in the .csm file when the .csm Container Type is populated with L =Logical Tray (MLOCR) or M = Logical Pallet (MLOCR). The value provided was {}”. The 10-character barcode is needed to generate sibling containers from IM Barcode scans. (COM 100216)

1.8.2 Stimulus/Response Sequences

1. Mailer submits Mail.dat job
2. Mail.dat job has Logical container with container barcodes identified in CSM
3. PostalOne! processes and accepts the job.
4. PostalOne! ignores the 10-character barcode from CSM and does not transmit to SASP

1.8.3 Features

- The PostalOne! system shall implement the updates to Error 0031. Error 0031 shall be updated to allow the 10-digit barcode when the .csm Container Type is populated with L =Logical Tray (MLOCR) or M = Logical Pallet (MLOCR).
- *PostalOne!* shall ignore the 10-character barcode data from the .csm file for purposes of SASP data transmission.

1.9 Update Warning Message when ZoneICType is ICD

1.9.1 Description and Priority

ICD value is no longer supported by USPS for In-County DDU entry. Currently, when submitting a Bundle Detail Create Request or Postage Statement Request, the job fails with incorrect Error Code 8551 message when Zone “ICD” or invalid value is provided. The error code 8551 should be updated to remove ICD as an option and recommend the mailer to use DDU value when In-County entry is indicated in Mail.XML messages. PostalOne! will return an updated warning message when Mailer submits Mail.XML e-Doc where Zone “ICD” or invalid value is provided. Zone value “ICD” will be removed from the list of valid values specified in the Warning Message (Error code 8551) and a note will be added that ICD is no longer supported by USPS for In-county mailing and to use DDU, instead of ICD. Currently the message is as follows: “Zone must be populated with N, 1, 3, 4, 5, 6, 7, 8, ADC, DDU, ICD, or SCF” (COM 113610)

1.9.2 Stimulus/Response Sequences

1. Mailer sends Open Mailing Group request
2. Mailing Group is opened
3. Mailer sends Qualification report
4. Mailer sends BundleDetailCreateRequest or PeriodicalStatementCreateRequest with Zone value "ICD"
5. PostalOne! returns back warning message

1.9.3 Features

- The *PostalOne!* system shall return an updated warning message when FormType is PE and ZoneICType enumerated value provided is invalid.
 - The *PostalOne!* system shall return an updated description and action for existing Error Code 8551 for the ICD scenario. Note: ICD is an invalid value and the mailer will be notified of that.
 - Suggested Error Description: "Zone must be populated with N, 1, 3, 4, 5, 6, 7, 8, ADC, DDU, or SCF. 'ICD' is no longer supported by USPS for In-county mailing. Please use DDU."

1.10 Allowable Sacks for FSS Preparation (Mail.dat)

1.10.1 Description and Priority

PostalOne! supports FSS preparation for flats with a CSM Container Type value equivalent to a pallet (P, F or S). Currently, for FSS Sacks, the only allowable CSM.Container Type is 'S-Sack (general)'. Using any other Sack (Container Types 1, 2, 3, 4, 5) throws Error Code 4196. *PostalOne!* should accept the CSM.Container Types 1- #1 Sack, 2 - #2 Sack, 3 - #3 Sack, 4 - 01V Sack, and 5 -03V Sack along the value S-Sack (General). (COM 090524)

1.10.2 Stimulus/Response Sequences

1.10.3 Features

- The *PostalOne!* System for Mail.dat future releases for FSS Containers shall accept the CSM Container Types of 1 = #1 Sack, 2 = #2Sack, 3 = #3 Sack, 4 = 01V

Sack, 5-03V Sack and F=Flat Tub. These Container types shall be supported in addition to the existing Container Type of S-Sack (general)

- The *PostalOne!* System for Mail.XML future releases for FSS Containers shall accept the CSM Container Types of 1 = #1 Sack, 2 = #2Sack, 3 = #3 Sack, 4 = 01V Sack, 5-03V Sack and F=Flat Tub. These Container types shall be supported in addition to the existing Container Type of S-Sack (general).

1.11 Track and Manage Air-boxes in Pre/Post Induction Processing

1.11.1 Description and Priority

Presorted mailing (sacks, pallets) that is normally shipped by surface (truck delivery) may sometimes need to be delivered by air to meet delivery schedule. New requirements for Full Service will be implemented in October 2013 release to enhance the tracking and management of pre and post-induction processing and the management of eInduction mailing through airbox containers.

1.11.2 Stimulus/Response Sequences

1.11.3 Features

- The eInduction system shall accept Air Boxes via Mail.Dat and Mail.XML.
- The *PostalOne!* system shall process Mail.dat Periodical jobs where the CSM Container Type field value = 'AB'.
- The *PostalOne!* system shall process Mail.XML Periodical Statement messages using the simple type chargeableContainerType with value "AB".
- The eInduction system shall process Air Boxes sacks as pallets with unique IMcbs when the Air Boxes weigh less than or equal to 70 lbs.
- The eInduction system shall process Air Boxes as pallets when the Air Boxes weigh more than 70 lbs and less than or equal to 200 lbs.
- The eInduction system shall perform all existing eInduction validations on Air Box sacks as pallets when they weigh less than or equal to 70 lbs.
- The eInduction system shall perform all existing eInduction validations for Air Boxes as pallets when they weigh more than 70 lbs and less than or equal to 200 lbs.
 - The PO! system shall process Air Boxes as sacks and pallets.
- The PO! system shall charge sack rates for Air Boxes when the Air Boxes weigh less than or equal to 70 lbs.

- The PO! system shall calculate pallet rates for Air Boxes as part of postage processing when the Air Boxes weigh more than 70 lbs and less than or equal to 200 lbs.
 - The PO! system shall allow an Air Box overflow sibling to be a sack weight when tied to a parent Air Box.
 - The eInduction system shall process allow Air Box sibling as pallets for presort mailing.
 - The eInduction system shall process all Air Box siblings as pallets for MLOCR mailings.
 - The PostalOne! system shall allow a sibling Air Box sack for a parent Air Box pallet.
- The eInduction system shall allow a sibling Air Box sack and process it as a pallet.
 - The SASP system shall accept and process Air Boxes.
- The SASP system shall process sibling Air box sacks tied to parent Air Box pallets.
 - The Facility Access and Shipment Tracking system shall accept and process Air boxes.
- The PostalOne! system shall accept and process Mail.XML simple type containerType with value "AB".
 - The *PostalOne!* system shall update the Qualification Report to display Air Box as a valid Container Type.
- The Qual reports shall display an Air Box as a valid sack when it weighs less than or equal to 70 lbs.
- The Qual reports shall display an Air Box as a valid pallet when it weighs more than 70 lbs and less than or equal to 200 lbs.
 - On the Qual report the PostalOne! system shall show the sibling Air Box sacks or pallets as made available in eDocs.
 - The PostalOne! system shall validate sortation for Air Boxes as sacks and pallets, per the following rules.
- Carrier route, required at 70 lbs or with full Sack/AFB (Air Freight Box)
- Carrier route, optional at 20 lbs or above
- 5-digit scheme carrier routes, required at 70 lbs or with full Sack/AFB
- 5-digit scheme carrier routes, optional at 20 lbs or above
- 5-digit carrier routes, required at 70 lbs or with full Sack/AFB
- 5-digit carrier routes, optional at 20 lbs or above
- 3-digit carrier routes, required at 70 lbs or with full Sack/AFB

- 3-digit carrier routes, optional at 20 lbs or above
- 5-digit scheme, required at 70 lbs or with full Sack/AFB
- 5-digit scheme, optional at 20 lbs or above
- 5-digit, required at 70 lbs or with full Sack/AFB
- 5-digit, optional at 20 lbs or above
- 3-digit, required at 70 lbs or with full Sack/AFB
- 3-digit, optional at 20 lbs or above
- SCF, required at 70 lbs or with full Sack/AFB
- SCF, optional at 20 lbs or above
- ADC, required at 70 lbs or with full Sack/AFB
- ADC, optional at 20 lbs or above
- Origin mixed ADC, required, no minimum

1.12 ProcessingCategory Uniqueness in the PostageStatementCreateRequest message (Mail.XML)

1.12.1 Description and Priority

The Processing Category in the PostageStatementLineItemData block in the Postage Statement Create Request message must be unique except for First Class Mail. The Processing Category in Mail.XML tells PostalOne! what the mail class is, which should be unique on a postage statement. (COM 105925)

1.12.2 Stimulus/Response Sequences

1.12.3 Features

- The PostalOne! system shall continue to validate that postage statements submitted via Mail.XML do not include more than one type of processing category for all mail classes with the exception of First Class mail.
 - PostalOne! shall validate that Mail.XML processingCategoryType submitted through Mail.XML PostageStatementLineItemData block in the Postage Statement Create Request/ Postage Statement Create Response messages must be unique for a single Mailing Group ID on a postage statement, with the following exception:
- First Class letters (processingCategoryType = LT) and cards (processingCategoryType = CD) shall be permitted as long as the priceType is identical for all letters and cards in the mailing.

1.13 90% Full Service & Permit Fee Waiver (Mail.dat/Mail.XML, Postal Wizard, PostalOne! BMEU) - Need to revisit.

1.13.1 Description and Priority

PostalOne! needs to track the status of cumulative mailings on a permit where the permit has an annual fee that is still due. In some cases, the mailer has been maintaining a 90% Full Service ratio on the permit, but a single non-automated transaction tips the permit below the 90% threshold thereby requiring that the annual fee be paid immediately. Mailers need to be informed beforehand that a pending transaction would cause their permit to no longer hold a 90% Full Service ratio.

1.13.2 Stimulus/Response Sequences

1.13.3 Features

- When a postage statement is being processed for a mailing paid for by a permit with an annual fee that is due, PostalOne! shall apply the following rules:
 - If the fee due date is within a year, the PostalOne! system shall find all finalized transactions associated with this permit from the fee due date until the current date, and identify the total number of pieces submitted versus the total number of pieces that have complied with Full Service.
 - The PostalOne! system shall add the pieces from the postage statement being processed and calculate the updated total number of pieces submitted versus the total number of pieces that have complied with Full Service. If the permit continues to hold at least a 90% Full Service ratio, then the annual fee shall continue to be waived. If the permit no longer holds at least a 90% Full Service ratio, then the annual fee shall be required immediately.
 - If the fee is overridden by the clerk, the system shall continue to track that the fee is required regardless of whether the future mailings bring the overall Full Service percentage back to equal or above 90%.
 - If the fee due date is older than a year the system shall find all finalized transactions associated with this permit from the would-be fee due date of this year until the current date, and identify the total number of pieces submitted versus the total number of pieces that have complied with Full Service.

- The would-be fee due date for this year is determined by looking at the fee cycles. For example, if the fee was due 1/1/2010 and a statement is being processed on 8/1/2013, then the would-be fee due date for this year is 1/1/2013, because the cycle for 1/1/2010 ends on 12/31/2010; the cycle after would be from 1/1/2011 ~ 12/31/2011; the one after would be 1/1/2012 ~ 12/31/2012; and ultimately the current cycle is 1/1/2013 ~ 12/31/2013.
- The system shall add the pieces from the postage statement being processed and calculate the updated total number of pieces submitted versus the total number of pieces that have complied with Full Service. If the permit continues to hold at least a 90% Full Service ratio, then the annual fee shall continue to be waived. If the permit no longer holds at least a 90% Full Service ratio, then the annual fee for the current year shall be required immediately.
 - If the fee is overridden by the clerk, the system shall continue to track that the current year fee is required regardless of whether the future mailings bring the overall Full Service percentage back to equal or above 90%.
- The cumulative percentage Full Service is based on permit holder's permit.
 - The cumulative percentage Full Service does not take into account the mailing agent's percentage.
 - Canceled statements shall be removed from the Full Service percentage calculation.
 - When a statement gets finalized, increment the numerator by the number of Full Service pieces in that statement
 - When a statement gets finalized, increment the denominator by the total pieces in that statement
 - When a statement gets reversed, decrement the numerator by the number of Full Service pieces in that statement
 - When a statement gets reversed, decrement the denominator by the total pieces in that statement
- The *PostalOne!* system shall calculate the annual Full Service waive start date and time.
 - For First Class, the Full Service fee-waive start date/time is the transaction date/time of the first mailing where both the permit holder's annual fee and the mailing agent's annual fee expired, yet the particular mailing maintains a 90% FS status and got finalized without a fee required
 - For non First Class, the FS fee-waive start date/time is the transaction date of the first mailing where the permit

holder's annual fee expired, yet the particular mailing maintains a 90% FS status

- The *PostalOne!* system shall calculate the annual Full Service waive end date and time.
 - If after a full year of uninterrupted cumulative Full Service percentage of over 90%, the *PostalOne!* system shall end the Full Service fee-waive period
 - When the cumulative Full Service percentage is less than 90%, then the *PostalOne!* system shall end the annual Full Service fee-waive period.
 - When a mailing's fee is no longer overdue without paying the fee, then the *PostalOne!* system shall end the annual Full Service fee-waive period.
 - When the Full Service fee-waive period ends, the fee expiration date shall be updated to be consistent with the Full Service fee-waive end date and time so that the system is ready for the next cycle.
- The *PostalOne!* system shall track multiple sets of start date/time and end date/time periods of the Full Service fee-waive period.
 - The *PostalOne!* system shall track the cumulative Full Service percentage for every Full Service fee-waive period
- The *PostalOne!* system shall calculate the cumulative Full Service percentage in a Microstrategy Scorecard report by permit.
 - The report shall track mailers and permit holders by number of Full Service mailings through the information collected by the statements
 - The report shall calculate the percent of Full Service mailings by permit
 - The report shall display when the actual annual fees were due
 - The report shall display the Full Service fee waive effective start date and time, and end date and time
 - The report shall display the effective due date
 - The report shall display the total days for Full Service fee waived
 - The report shall display if no fees are due
 - The report shall display the reasons for no fees due
- i) Meet 90% Full Service mailing
 - The report shall display for above No Fees payment

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