

PostalOne! System Release 47.3.0.0

Pre-Release Notes

CHANGE 2.0

SCHEDULED DEPLOYMENT DATE: JUNE 24, 2018

SCHEDULED PRE-RELEASE NOTES PUBLISH DATE: JUNE 22, 2018

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NOTE: PostalOne! System issues are identified by ALM Item ID and cross-referenced with ALM Requirement ID (99999-R) where available. Centralized Account Processing System (CAPS) items are identified by ALM Item ID followed by "-C".

NOTE: The information in this document concerns planned revisions that are not historical facts. Actual results may differ from these forward-looking statements.

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1.0 Introduction

On Sunday, June 24, 2018, the United States Postal Service will implement the following software change:

• PostalOne! System Release 47.3.0.0

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

The section titled *Corrections to Known Issues* is derived from External Trouble Reports (ETRs) and Engineering Change Requests (ECRs) for inclusion in this release.

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 required Mail.dat client version with this release. Users should download Mail.dat client version 47.3.0.0_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).

Effective June 24, 2018, Mail.dat client versions 47.1.0.0_PROD, 47.1.1.0_PROD, and 47.0.0.0_PROD will no longer be supported.

3.0 PostalOne! System Enhancements, Updates, and New Functionality

3.1 Centralized Account Processing System (CAPS)

- The Centralized Account Processing System (CAPS) Account Application Form (PS form 6001) on the CAPS website (https://caps.usps.gov) will be updated to remove the iCAPS payment option for "Account Type Requested". The iCAPS payment option defers payments for international mailings. In addition, the timeframe for automatic closure of an inactive CAPS account will be changed from 18 months to 24 months. The message will be updated to: "A CAPS account inactive for 24 months or more will be automatically closed." 31-C
- A message will be added to the CAPS website (https://caps.usps.gov) announcing the Enterprise Payment System (EPS) and providing a link to the EPS information page on PostalPro. The message will be: "As a current CAPS customer we have some exciting news! The Postal Service has launched a new payment processing platform called Enterprise Payment System (EPS). For more information visit the PostalPro Enterprise Payment System page at https://postalpro.usps.com/eps." 34-C

3.2 eInduction Reporting

In order to improve and streamline the workflow for elnduction participants, the *PostalOne!* System will be updated to ensure consistent error and warning reporting between the Informed Visibility (IV), MicroStrategy, and Shipping Summary Report applications. Reporting will be more specific to the end user, which will help to reduce bottlenecks caused by unnecessary processing. The following changes will be made:

- The Shipping Summary Report will no longer display site induction issues for external users accessing the report via the Business Customer Gateway (BCG).
- eInduction mailer errors will continue to be displayed on the Mailer Scorecard.
- eInduction site induction issues will no longer be displayed on the Mailer Scorecard.

Note: A new MicroStrategy report displaying elnduction site induction issues is planned for a future release. 11800 (19433-R, 19434-R)

3.3 Electronic Verification System (eVS®) Configuration

eVS will be revised to automatically configure new and existing Click-N-Ship Business Pro mailers to auto-pay for eVS Intelligent Mail package barcode (IMpb) adjustments. 12360 (19515-R)

3.4 Online Permit Creation

3.4.1 Permit Creation Integration with Enterprise Payment System (EPS)

The *PostalOne!* System Online Permit Creation workflow will be modified to include details about how to use an Enterprise Payment System (EPS) account for payment of permit fees. The instructions will be available on the Permit Creation tab and will include two possible paths based on the disposition of the associated EPS account:

- · EPS account already exists at the time of permit creation; or
- EPS account is opened at time of permit creation and cannot immediately be used for payment.

Using a simplified workflow, customers will be guided through the steps of setting up their permit, linking it to a new or existing EPS account as appropriate, and requesting payment of fees. Fee information will be displayed to the user when they have finished creating the permit, along with instructions for the next steps. 19406-R

3.4.2 Permit Fee Payment Using EPS

In order for customers to pay for their permit application fee and/or annual mailing fees using an EPS account when they open a new permit from the Permit Creation tab on the *PostalOne!* System Online Permit Creation page, the permit must be linked to an existing active and funded EPS account. The pending fees will be displayed on the Balance and Fees tab in the Online Permit Creation module once the customer completes the creation and setup of their permit(s). The customer will be able to select which fees they wish to pay using the linked EPS account.

Permit application and/or mailing fees selected for payment will be deducted from the EPS customer's linked EPS account. The *PostalOne!* System will submit the transaction to EPS and confirm the response. 12294 (19475-R, 19404-R, 19405-R, 19407-R, 19407-R, 19408-R, 19436-R, 19436-R, 19437-R)

4.0 PostalOne! System - Corrections to Known Issues

4.1 Dashboard

The *PostalOne!* System Dashboard will be updated to correct a display issue affecting postage statements with an Enterprise Payment System (EPS) account holder. The EPS Account Balance is displayed incorrectly on child statements that are not in FIN (Finalized) status. 12397 (19516-R)

4.2 eInduction

eInduction processing will be updated to correct a display issue affecting certain Co-Mail postage statements submitted by Mail.dat. Mail.dat Co-Mail statements that combine Bound Printed Matter (BPM) Periodicals with USPS Marketing Mail are incorrectly displayed on the Shipping Summary Report as Package Services instead of Co-Mail. This is a display issue only and does not affect postage. Affected postage statements are correctly displayed on the Dashboard and on other reports. 11949 (19450-R)

4.3 Electronic Data Exchange

• An issue will be corrected that currently generates a server error on Mail.dat update submissions, causing them to be rejected by Seamless Acceptance and Service Performance (SASP). In one such scenario, the error states that the Container Summary file (.csm) piece counts do not match the piece counts on the Piece Detail file (.pdr) or the Piece Barcode file (.pbc). The issue occurs when the mailer updates the .csm piece count. Since the validation check for the mismatch error condition is done at the server level, the database update has already occurred at that point, so the error is generated. To resolve this issue, validations for the piece count and/or copy count mismatch conditions will be moved to the Mail.dat client instead, as shown in the table below. 11203 (19413-R, 19421-R, 19423-R, 19423-R, 19424-R)

Retiring Server Error Code	New Client Error Code	Client Error Code Description	Corrective Action
7092	4866	4866: Referential Integrity Error: The Total Number of Copies from all .pqt child handling unit records must equal the .cqt parent records Number of Copies.	Verify that the total Number of Copies from all .pqt child handling unit records is equal to the .cqt parent records Number of Copies
7093	4867	4867: Referential Integrity Error: The number of child .pdr records must equal a count between the Number of Pieces and the Number of Copies in the parent .csm file.	Verify that the number of child .pdr records is equal to a count between the Number of Pieces and the Number of Copies in the parent .csm file.
7115	4868	4868: Referential Integrity Error: The number of child .pbc records must equal a count between the Number of Pieces and the Number of Copies in the parent .csm file.	Verify that the number of child .pbc records is equal to a count between the Number of Pieces and the Number of Copies in the parent .csm file.
7245	4869	4869: Referential Integrity Error: The total number of copies from all .pdr/.pbc records must equal a count between the .pqt Number of Pieces and the .pqt Number of Copies for the corresponding CQT Database ID {1} and Package ID {2} when the .cqt Service Level Indicator is populated with F = Full Service.	Verify that the number of .pdr/.pbc records is equal to a count between the .pqt Number of Pieces and the .pqt Number of Copies.
7176 7177	N/A – no replacement N/A – no replacement	N/A N/A	N/A N/A

Table 1 - Mail.dat Server Errors Changing to Client Errors

- Mail.dat validation will be updated to properly handle validation of barcodes on Transportation Updates. Currently, on Transportation Update jobs submitted by Mail.dat, client warning 7082 is incorrectly generated. The logic is incorrectly validating barcodes of finalized containers on subsequent update jobs. Client warning 7082 is: "For elnduction processing, the .csm Label: IM/TM/Container Or IM/TM/Tray Barcode field for IMcb(s) pallets must be unique amongst all containers associated to the .seg eDoc Sender CRID value that were finalized within the last 45 days." 11343 (19427-R)
- Mail.dat processing will be updated to correct an issue affecting submissions where a Container Status update
 was sent to cancel a container. In this scenario, the processing logic incorrectly fails to delete the cancelled
 container barcode records. As a result, on a subsequent job submission, the client warning code 7082 is
 generated when it should not be. Client warning 7082 is: "For elnduction processing, the .csm Label: IM/TM/
 Container Or IM/TM/ Tray Barcode field for IMcb(s)/pallets must be unique amongst all containers associated to
 the .seq eDoc Sender CRID value that were finalized within the last 45 days.". 11356 (19467-R)
- For Package Services submitted via Mail.dat with two different Mail Piece Unit (.mpu) Machinability Indicator values, the validation logic for Mail.dat server error 7909 will be updated to properly account for the different Machinability Indicator values. Currently, Mail.dat error 7909 is incorrectly generated in this scenario. The description for error code 7909 is: "There were duplicate postage statement lines (Section: A, Line Number 40) generated for a postage statement with Mail Class (4)". As a temporary workaround, users can set the .mpu Machinability Indicator to the same value for each record. 11449 (19487-R)
- For Mail.dat postage statements claiming a characteristic type of "CT" (catalog) with a processing category of "FL" (flats), processing will be updated to correctly display the line details and postage on the *PostalOne!* System Dashboard as being in the Catalog processing category. 11728 (19472-R)
- A display issue will be corrected that is currently preventing Mail.dat job submissions that include sibling trays
 from appearing on the Qualification Report. The current logic is not flagging the siblings of physical containers as
 overflow when it should, preventing these records from being reflected on the Qualification Report. This is a
 display issue only and does not affect postage. 11817 (19426-R)

- Mail.dat processing will be updated to properly display the Bundle Deviation for Periodicals on the Permit Entry page. Currently, for Periodicals submitted by Mail.dat, an incorrect calculation of the Bundle Deviation displays on the Permit Entry page. This is due to a defect in the definition of firm bundles in the procedure that determines the Bundle Deviation, which is not used to calculate Postage Due. The Bundle Deviation is intended to show the difference between the bundle apportionment calculation and the total bundle calculation. In other words, it is a check to show the percentage of chargeable bundles included in the eDoc that are actually being charged to the postage statement. This is a display issue only and does not affect postage. 11953 (19452-R)
- Mail.dat postage statement processing will be updated to properly handle eDoc combinations using Package
 Level "S" (multi-piece parcel) with another Package Level on the same Container Quantity record (.cqt). Currently
 in this scenario, an internal error occurs, which blocks generation of the postage statement. As a temporary
 workaround until the issue is resolved, users can construct the eDoc using only Package Level "S" or a
 combination of Package Levels other than "S". 11972 (19453-R)
- PostalOne! eInduction processing for Mail.dat jobs will be updated to consistently apply the 45-day rule to container barcodes for co-palletized job submissions so that container barcodes are unique for all submissions in the last 45 days. Currently, PostalOne! eInduction processing is incorrectly allowing the same "99M" container barcode for different consolidator Job IDs on tray-based co-palletized Mail.dat mailing jobs. When submitting a tray-based co-palletized Mail.dat job, and then finalizing and submitting a second job with the same barcodes the following warnings will be generated: "WARN 9336: For eInduction processing, the IMBarcode for IMcb(s)/pallets must be unique within the mailing group and amongst all containers finalized within the last 45 days". 11975 (19465-R, 19466-R)
- Mail.dat validation processing will be updated to properly account for the scenario in which a Mail.dat submission
 has a record with a 3-Digit/5-Digit Container Division value of "US". Currently, a submission of this type generates
 an internal error because the validation logic expects a numeric value for the 3-Digit/5-Digit Container Division
 field. The validation logic will be updated to properly handle the exception. As a temporary workaround, mailers
 should change the 3-Digit/5-Digit Container Division value from "US" to "000" (three zeroes), which will prevent
 the internal error and allow the submission to proceed. 12006 (19425-R)
- Mail.dat postage statement processing will be corrected to prevent generation of duplicate manifest data when
 Package Services statements are uploaded. The issue can occur when a single mailing generates multiple
 distinct Package Services postage statements, which can happen if the containers for the statements have
 multiple mailing dates, or if they were updated to "Ready to Pay" status on different update submissions. The
 scenario can result in the Mail.dat process failing to link the postage statement to the correct Transaction ID. 12023
 (19489-R)
- Mail.dat client validation will be updated to add validation code 4871 to ensure that the host Component record (.cpt) Rate Type matches the Mail Piece Unit record (.mpu) Rate Type. Currently, for Mail.dat submissions where these two rate types are mismatched, the postage statement PDF does not display the line label details correctly. The postage statement can still be finalized, and postage is not affected. This is a display issue only. The description for new validation code 4871 is: "The .mpu Mail Piece Unit Rate Type must be populated with the same value as the host .cpt Component Rate Type". To correct for this, mailers should populate the .mpu Rate Type with the same value as the host .cpt Rate Type. 12055 (19454-R)
- Mail.dat validation logic will be updated to properly handle valid values for the Entry Point for Entry Discount Facility Type in the Container Summary file (.csm). Currently, for Co-Mail jobs submitted by Mail.dat, the client error 4151 is incorrectly generated for allowable values of the .csm Entry Point for Entry Discount Facility Type. Mail.dat client error 4151 is: "The value provided for The .csm Entry Point for Entry Discount Facility Type field was 0; it must contain K = Origin NDC, L = Origin ASF, Q = Origin AMF, I = INDC, A = ASF, B = DNDC, S = DSCF, M = Dest AMF, N = Not-determined, C = Origin SCF, H = Trans Hub, or T = Orig(T-Hub Sq) when the .csm Container Level field is populated with A = CR-Direct, B = Mxd CR in 5-Digit, D = CR-5D Scheme, G = 5-Digit (Auto/Presort), H = 5-Digit (Merged), I = 5-Digit (Presort Only), J = 5-Digit (Barcode only), M = 5D Scheme (Presort), N = 5D Scheme (Auto Presort), P = 5D Scheme (Barcode), or Q = 5D Scheme (Merged) and the .seg Class Defining Preparation field is populated with 6 = Std/Bound Printed Matter/Periodicals Co-Mailings." 12101 (19451-R)
- Piece data for tray-based co-palletized submissions is provided in the origin eDoc and therefore should not be
 required in the consolidator submission. Mail.dat postage statement processing will be updated to prevent an
 internal error from being generated incorrectly for Package Services under certain conditions. The internal error
 occurs when the total copy weight of each mail piece within a single multi-piece parcel falls under a different rate
 weight range. As a temporary workaround until the issue is corrected, the mailer can collapse the multi-piece
 parcel to have 1 copy for each piece. Note that this would require an additional Mailpiece Unit file (.mpu). 12225
 (19448-R)

- eDoc processing of Mail.dat and Mail.XML Package Services postage statements will be updated to properly handle Rate Category "Z" (Parcel Select Ground) on Parcel Select lines. Currently, a mismatch between Rate Category "Z" on the eDoc and the expected finance Rate Category is preventing the Parcel Select lines for Parcel Select Ground from being mapped on the postage statement. 12245 (19449-R)
- Mail.dat validation will be updated to resolve an issue that is incorrectly requiring piece data (.pdr or .pbc) for tray-based co-palletized submissions. As a result, error 4436 is incorrectly generated: "A .pdr or .pbc file must be submitted for a Seamless Mailing." Piece data for tray-based co-palletized submissions is provided in the origin eDoc and therefore should not be required in the consolidator submission. 12303 (19491-R)
- Mail.dat postage statement processing will be updated to correctly apply the In-County/Outside-County exemption
 for Flats Sequencing System (FSS) Containers. The exemption is currently being applied incorrectly to Mail.dat
 statements with containers marked FSS Sort Plan or FSS Facility. As a result, the customer is not charged for any
 container marked FSS Sort Plan or FSS Sort Facility when they should be charged for those containers, with
 exceptions as illustrated in the tables below. 12317 (19459-R)

Container	In-County FSS Scheme Container = 5-Digit Sort	Outside-County FSS Scheme Container = 5-Digit Sort	Apply Container Charge?
Container A	Yes	None	No Charge
Container B	None	Yes	Yes
Container C	Yes	Yes	No Charge

Table 2 - FSS Scheme Container with 5-Digit Sort

Container	In-County FSS Facility Container = 3-Digit Sort	Outside-County FSS Facility Container = 3-Digit Sort	Apply Container Charge?
Container D	Yes	None	No Charge
Container E	None	Yes	Yes
Container F	Yes	Yes	Yes

Table 3 - FSS Facility Container with 3-Digit Sort

- For eDoc submissions where the Open Mailing Group record (OMG) has an Enterprise Payment System (EPS) account number (10 digits long) and the permit in the Permit Holder (PH) block of the PostageStatementCreate Request is associated to a National account number (7 digits long), an internal precision error is generated. The error is: "ORA-01438: value larger than specified precision allowed for this column". eDoc processing will be updated to prevent the error from being generated in this scenario. As a temporary workaround until the issue is resolved, users can do the following:
 - o Change the OMG record to match the same permit information contained in the PH block.
 - o Specify the EPS account number in the PH block. 12380 (19493-R)
- Mail.dat validation logic will be updated to alleviate an issue with error 4037 being generated incorrectly under certain conditions. For mailers submitting a transportation update via Mail.dat, error 4037 is sometimes incorrectly generated even if the postage statement has been finalized and is not frozen. The validation logic encounters a defect when checking the finalization status and generates error 4037: "The postage statement for this job has been frozen. Once a postage statement is frozen, containers or submissions within that postage statement cannot be canceled, deleted, or updated." 12391 (19505-R)

4.4 Electronic Verification System (eVS®)

- The email notifications for Unused Labels Refund Requests will be updated for the following:
 - o The case number will be added to the email subject line.
 - The word "Approval" in the email subject line will be replaced with "Completed".
 - o The customer name will consistently display correctly in the body of the email notifications.
 - o The percentage (%) will be displayed correctly when it is zero (0). 12223 (19480-R)
- The Unmanifested Records Report for Third-Party Billing (TPB) will be updated to exclude the reconciled TPB samples from the "Average Per Piece Charge used for the Unmanifested Postage Adjustment" for the shipper. The TPB reconciled samples are not part of the calculation for the shipper's unmanifested average rate, so they

should not display on the report as part of that adjustment. This is a display issue only and does not affect postage. 12361 (19506-R)

As manifests are processed, they are evaluated for destination entry validation failures. Mail pieces that fail
validation are slated to be repriced in the Destination Entry Eligibility Report. However, since PostalOne! System
Release 47.1.0.0 (April 8, 2018), manifests with Parcel Select or Bound Printed Matter (BPM) mail pieces have
failed to transfer over to that report. As a result, no additional postage was assessed for those manifests. With this
release, assessments will be made for the Parcel Select and/or BPM mail pieces that failed destination entry
validation from those manifests. 12424 (19523-R)

4.5 Postage Statement Wizard

- An issue will be corrected in the Test Environment for Mailers (TEM) to properly handle completion of postage statements with Affixed Neither and Affixed Lowest postage requiring additional postage. Currently, for statements where the Affixed Neither postage is insufficient, when the user completes the Net Postage Adjustment Amount section with permit information and clicks Submit to complete the statement, an error occurs. The Net Postage Adjustment Amount section is cleared and the following error message appears: "Error! Please enter a Permit Number for Net Postage Adjustment amount". 12001 (19522-R)
- For Periodicals submitted through the updated Postal Wizard interface, validation prevents users from submitting Firm Bundles (Line C32) where the number of copies does not match the number of addressed mail pieces. However, mailers occasionally have a need to submit Periodicals statements with Firm Bundles where the number of copies does not match the number of addressed mail pieces. As a temporary workaround until the issue is resolved, mailers are still able to use the legacy Postal Wizard to submit Periodicals postage statements where the Firm Bundle copies do not match the Firm Bundle addressed pieces. 12430 (19532-R)

4.6 Postage Statement Processing

The Processing Category is not being sent to EPS for USPS Marketing Mail transactions. This prevents the line details from displaying on the EPS Line Details Report and also hinders their display on drill down pages. A correction to include all mail classes and processing categories will be available in a future release. 12285 (19473-R)

4.7 Business Intelligence Database System (BIDS) MicroStrategy Reports

The Non-EVS Intelligent Mail package barcode (IMpb) Compliance Report from MicroStrategy will be updated to remove compliance codes "PC" and "OK". These codes are used for compliant pieces and are therefore unnecessary in a report meant to provide detailed reasons for non-compliance. 12375 (19531-R)

4.8 PostalOne! System Reports

The Mailing Summary Report Excel download functionality will be updated to enable users to properly download the report into an Excel spreadsheet for in-house analysis or record-keeping. Currently, users attempting to download the Mailing Summary Report from the Business Customer Gateway (BCG) into Excel encounter errors which prevent the download from loading all records into the spreadsheet. 11228 (19502-R)

5.0 Document History

Date	Version	Section	Description
06/21/2018	Chg. 2.0, v1.2	4.6	Updated ETR 12285 for clarification
06/19/2018	Chg. 2.0, v1.1	4.3 3.1	Modified wording for item 12317 (Sec 4.3)Added CAPS items 31 and 34 (Sec 3.1)
06/15/2018	Chg. 2.0, v1.0	4.3	Added tables with examples for Item 12317