



Release Notes 41.1.0

The *PostalOne!* system Release 41.1.0 is scheduled to be deployed June 14, 2015 to introduce software fixes to the system. This includes corrections to issues previously identified in a prior release.

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

Contents of this document are subject to change.

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1. External Trouble Reports (ETRs) and Engineering Change Requests (ECRs)

1.1 BMEU

- First-Class Mail Combined and Standard Mail Combined postage statements that were entered using the Pre-Price Change Domestic link are now able to be successfully finalized when retrieved from the Dashboard. Previously, First-Class Mail Combined and Standard Mail Combined postage statements could not be finalized when accessed from the Dashboard if they had been entered using the Pre-Price Change link for domestic mail. Users received an “Invalid input data” error on the Mailing Date when attempting to complete a postage statement of this type from the Dashboard. [1564 {B}](#)

1.2 Dashboard

- The *PostalOne!* System Dashboard has been updated to properly account for dormant jobs that have no associated record type so that they can be displayed with a link and considered for cancellation. Prior to this release, the Dashboard failed to identify and display dormant jobs that were missing a record type, even though they were valid dormant jobs with INC (Incomplete) status. Since they were not displayed as dormant jobs with a link on the Dashboard, users were unable to cancel these jobs. [1661 {B}](#)
- Business Customer Gateway (BCG) users are now able to successfully view and download postage statements in any of the available formats. Previously, only the PDF format was able to be downloaded correctly; attempts to view postage statements in XLS (Excel) or CSV (comma-separated values) format generated an error which prevented the download. [5540 {E}](#)

1.3 eInduction

- eInduction containers received from the Intelligent Mail® Data Acquisition System (IMDAS) are now correctly linked to their associated entry facility from Facilities Access and Shipment Tracking (FAST®) scans. Previously, entry point location updates (from which the entry facility is derived) were not received from FAST scans for eInduction containers. As a result, the containers were incorrectly categorized as misshipped. [7242 {B}](#)
- A data retrieval logic defect has been corrected which previously caused duplicate records to appear on the Dashboard under certain conditions. Prior to this release, duplicate records were displayed on the Dashboard for jobs that included both eInduction and non-eInduction containers within the same mailing. Duplicates were also displayed for jobs in which some containers received eInduction warnings and other containers were successfully inducted. A single row for the mailing is now displayed on the Dashboard in each of these scenarios, as distinguished by the eInduction status. Resolution of this issue also includes elimination of the display of duplicates for records that were created prior to the implementation Release 41.1.0. [5341 {E}](#)

1.4 Electronic Data Exchanges

- Mail.dat error validation has been updated to add the Simplified Address Indicator to the message text for Standard Mail rate mapping errors. This affects error code 7028, “A Standard statement failed to account for all pieces. Expected: xxxx, Mapped: xxxx. For Postage Statement SEQ ID: xxxxxxxx, no postage rate was found for this combination of inputs: <list of inputs >”. The Simplified Address Indicator is now included along with the input elements already listed, as follows: Seg ID, Cpt. Class, Ctr. Status, Postage Grouping ID, Mailing Date, Customer Ref ID, Fed Agency Cost Code, Permit Number, Permit ZIP, Postage Payment Method, Permit Type, Finance Number, Process Category, Rate Type, MPU Class, Rate Schedule, Rate Cat., CQT Zone, and Number of Pieces. [1578 {B}](#)
- Periodicals (PE) postage statements submitted by Mail.XML now consistently display the correct Total Postage in the header on the PostalOne! System Dashboard. In addition, the 5% Preferred Price discount is correctly calculated. Prior to this release, the incorrect Total Postage amount was shown for Mail.XML PE statements on the Dashboard header prior to finalization, although the postage statement itself reflected the correct postage. Upon manual finalization, the Dashboard Total Postage correctly matched the postage statement. If the postage statement was auto-finalized, the Total Postage displayed on the Dashboard remained incorrect and did not match the postage statement. [7325 {B}](#)
- Performance time has been improved in the execution of the logic to check Mail.dat postage statements’ eligibility for tracking services. Previously, users experienced sub-optimal performance during eligibility determination for tracking services on large .cqt and .pdr file submissions. [3208 {B}](#)

- Mail.dat and Mail.XML validation processing has been updated to change the way in which the maximum weight validation is conducted for Periodicals (PE) and Pending Periodicals (PP) Machinable Flats. PE and PP Machinable Flats 5-Digit bundle pieces have a maximum weight limit of 4.4 lbs, while other PE and PP Machinable Flats (non-5-Digit bundles) have a maximum weight limit of 1.25 lbs. An exception previously allowed the 5-Digit Machinable bundles to be claimed on the Machinable Flats line (PS Form 3541, Section C); however the line has a maximum weight limit of 1.25 lbs. As a result, an error message stating that the pieces were above the maximum weight limit of 1.25 lbs. for the postage statement line was generated when PE or PP 5-Digit Machinable bundle pieces were claimed on the Machinable Flats line. The incorrect validation error prevented finalization of the postage statement. This validation check now occurs during the Mail.XML/Mail.dat line mapping so that the weight verification is correctly applied for PE and PP Machinable 5-Digit bundles. To accommodate the validation logic changes, several eDoc validation error messages have been updated or added, as shown in the table below. [5351 {B}](#)

| Validation Error Code (Disposition) | Error Text | Comments |
|-------------------------------------|--|---|
| 8733 (updated) – Mail.XML | <p>OLD: The Piece Weight for Periodical and Pending Periodical Machinable Flats cannot be greater than 4.4 lbs.</p> <p>NEW: The Piece Weight for Periodical and Pending Periodical Machinable Flats cannot be greater than 1.25 lbs.</p> | |
| 9718 (new) – Mail.XML | The maximum weight for Periodical and Pending Periodical 5-Digit Machinable Flats cannot be greater than 4.4 lbs. | <p>Error Conditions: FormType = PE or PP ProcessingCategory = FL RateCategory = E MachinableFlag = Yes PieceWeight > 4.4 lbs.</p> |
| 4201 (updated) – Mail.dat | <p>OLD: The .cpt Component – Weight field must be populated with a value that is less than or greater than 4.4 lbs. when the .mpu Mail Piece Unit – Class field is populated with 2 = Periodicals or 5 = Per Pending, the .mpu Mail Piece Unit - Processing Category field is populate with FL = Flats, and the .mpu Flat Machinability field is populated with U = Machinable on USFM 1000.</p> <p>NEW: The .cpt Component - Weight field must be populated with a value that is less than or equal to 1.25lbs when the .mpu Mail Piece Unit - Class field is populated with 2 = Periodicals or 5 = Per Pending, the .mpu Mail Piece Unit - Processing Category field is populate with FL = Flats, and the .mpu Flat Machinability field is populated with U = Machinable on USFM 1000.</p> | <p>Action to be taken for updated Mail.dat error 4201: Populate the .cpt Component - Weight field with a value that is less than or equal to 1.25lbs when the .mpu Mail Piece Unit - Class field is populated with 2 or 5, the .mpu Mail Piece Unit - Processing Category field is populate with FL = Flats, and the .mpu Flat Machinability field is populated with U.</p> |

| Validation Error Code (Disposition) | Error Text | Comments |
|-------------------------------------|--|---|
| 4697 (new) – Mail.dat | The .cpt Component - Weight field must be populated with a value that is less than or equal to 4.4.lbs when the .mpu Mail Piece Unit - Class field is populated with 2 = Periodicals or 5 = Pending, the .mpu Mail Piece Unit - Processing Category field is populated with FL = Flats, the .cqt Rate Category is E = 5 Digit and the .mpu Flat Machinability field is populated with U = Machinable on USFM 1000. | Action to be taken for Mail.dat error 4697: Populate the .cpt Component - Weight field with a value that is less than or equal to 4.4.lbs when the .mpu Mail Piece Unit - Class field is populated with 2 or 5, the .mpu Mail Piece Unit - Processing Category field is populated with FL = Flats, the .cqt Rate Category is E = 5 Digit and the .mpu Flat Machinability field is populated with U. |

- A timing issue has been corrected in Mail.dat validation processing in order to alleviate the incorrect generation of an internal error, and to allow for proper execution of front-end validation 3795. The issue applies to the scenario where a Mail.dat job submission attempts to update a CSM Container ID with the following characteristics:
 - o The postage statement associated with the Container ID has been finalized.
 - o The Container ID's status in the update message is not "T".
 - o The Container ID does not have a sibling container.

The timing issue occurred when a container update with the listed characteristics was encountered in the Mail.dat client for an associated postage statement that was in the process of finalization (but had not yet completed finalization). Under these conditions, an internal error was generated, ultimately causing the job to fail. The correction of the timing issue allows the front-end validation 3795 to execute normally. [5412 {B}](#)

- Mail.dat validation 7081 has been updated to include a check for Bound Printed Matter (BPM). This Mail.dat validation checks to ensure that all Periodicals (PE) and Pending Periodicals (PP) lines map to Standard Mail postage statement lines if they are under 1 lb., and to BPM lines if they are over 1 lb. Although the business rules for this PE and PP postage statement mapping were implemented in a prior release, Mail.dat validation check 7081 failed to account for BPM lines for weights over 1 lb. on PP submissions. [5995 {B}](#)
- Mail.XML validation 9091 has been updated to correctly check for null (blank) ContainerDetailID in a MailPieceCreateRequest message on Full-Service or Mixed-Service mailing jobs. Prior to this release, Mail.XML validation error 9091 failed to generate for Full-Service and Mixed-Service jobs when a MailPieceCreateRequest message was received without the required ContainerDetailID. As a result, multiple extra records were created, in which duplicate pieces could not be distinguished. This also generated invalid errors on the Mailer Scorecard. [7078 {B}](#)
- Mail.XML validation 9697 has been updated and is reinstated to Error status with this release. The validation applies to Mail.XML Periodicals (PE) claiming a discount for Limited Circulation using Rate Type Y (Regular Limited Circulation) or Rate Type W (Science of Agriculture Limited Circulation). Validation 9697 tallies the number of Outside-County copies to determine Limited Circulation eligibility, and had been downgraded to Warning status due to an issue that had caused it to double-count copies under certain conditions. Validation 9697 now correctly counts copies from only the PeriodicalLineItemData message blocks for Mail.XML PE mailings claiming the discount. Mail.XML validation error 9697 is: "Total Outside-County copies of this publication issue mailed from all mailing offices must be under 5,000 when the RateType is Y = Regular Limited Circulation or W = Science of Agriculture Limited Circulation." [7118 {B}](#)
- Mail.dat client validation processing has been updated to improve performance on update submissions. Previously, Mail.dat client validation changes introduced in the May 18, 2015 release inadvertently resulted in slow performance on update submissions in some cases. [7347 {B}](#)
- Mail.dat file recovery logic has been updated to enable files that are already in progress at the time a file upload is stopped to be retried when the stopped job is restarted. Prior to this release, the Mail.dat recovery logic retried only those Mail.dat files for which the upload had not been attempted. Mail.dat files that were in progress at the

time of the stoppage were not uploaded once the job was restarted, and were therefore not output to Seamless Acceptance and Service Performance (SASP) for downstream processing. [2157 {B}](#)

- The Mail.dat and Mail.XML SASP interface has been updated to enable internal tray-based co-palletized submissions to consistently populate all origin co-palletized container information to make it available to SASP processing. Previously, the origin container information was not passed to SASP in cases where the consolidator job was finalized before the origin submission was. [7390 {B}](#)
- For statements submitted via Mail.dat, the Total Postage, Total Copies, and Total Pieces displayed on the postage statement receipt now match the corresponding values for those elements on the postage statement. Previously, a defect in the receipt logic resulted in the totals for postage, number of copies, and number of pieces on the receipt not matching the actual amounts for those elements from the postage statement. In addition, negative Total Postage values displayed on receipts for canceled mailing jobs are correctly displayed with the appropriate negative symbol. These were display issues only and did not affect postage. [2103 {E}](#)
- Mail.dat pre-validation processing has been updated to standardize the behavior for scenarios in which the Mail.dat file has already been submitted within the previous 13 months with the same Job ID and Mail Service Provider (MSP) Code or file name. Under this scenario, the submission fails with the pre-validation error message “The original job getting inserted already exists”. The Mail.dat client previously logged this scenario as a failure with the status “Client Validation Failed” and moved the file to the Failed file folder; however, the Mail.dat receipt processing treated the file as rejected under this scenario. As a result, the receipt status (“Rejected”) was inconsistent when compared to the file submission status of “Failed”, and the files could not be found in the expected Rejected file location. The Mail.dat pre-validation processing behavior has been updated to consistently indicate a “Rejected” status for scenarios in which the file has already been submitted within the previous 13 months with the same Job ID and MSP Code or file name. Rejected files are moved to the Rejected file folder. [4348 {E}](#)
- Receipts for canceled Mail.dat jobs now correctly include the Postage Statement ID. Previously, the Postage Statement ID was missing on receipts for Mail.dat jobs that had been canceled. [5625 {E}](#)
- Mail.dat receipt processing has been updated to provide greater detail in the status shown on the receipt, in order to more closely align with the status provided by the Mail.dat client when the job is viewed online. Prior to this release, under certain circumstances, the status shown on the Mail.dat receipt was misleading since it did not match the status shown online by the Mail.dat client. This occurred in situations where the job passed one validation type but failed another, and the receipt only accounted for the validation that was passed. For example, the Mail.dat receipt showed “Job Accepted” and the Mail.dat client displayed a server 7028 error with the status “Server Validation Failed”. Since errors can occur during several different portions of the client validation process, the Mail.dat receipt now correctly reflects errors that occur during any part of the validation process. [6920 {E}](#)
- Mail.dat and Mail.XML processing has been updated to provide permit and publication type information to SASP so that errors are properly logged. Previously, in cases where the postage payment method (permit type and/or publication type) provided in the eDoc did not match that of the Intelligent Mail Device (IMD) sample, SASP Postage Piece errors were incorrectly inflated on the Seamless Acceptance tab of the Mailer Scorecard. [7410 {B}](#), [7411 {B}](#)

A process has been implemented to allow eDoc mailers to submit a job to create a postage statement, and receive an Electronic Confirmation Acceptance Notice (ECAN) barcode from the PostalOne! system. The mailer is then able to print the ECAN barcode on a job confirmation page so that it can be scanned either by a Self-Service Terminal (SST) or by a BMEU clerk in order to complete submission of the mailing. Mail.dat users receive the ECAN barcode in an enhanced XML format receipt file, and Mail.XML users receive the ECAN barcode in a PostageStatementCreateResponse, PeriodicalStatementCreateResponse, or ConsolidatedPeriodicalStatementCreateResponse message. In support of the ECAN barcode generation, additional validation has been added to inform users of validation issues. Informational warning level code 9716 returns the ECAN barcode for Mail.XML messages. The ECAN barcode is 26 characters in length and is created with the characteristics shown in the table below for all eDoc postage statements. [7065 {B}](#)

| ECAN Barcode Position | Element | Default Value |
|-----------------------|-------------------------|------------------------------------|
| 1-2 | Application Indicator | 92 (Commercial Mailer 9-digit MID) |
| 3-5 | Service Type Code (STC) | 757 (PS Form 5630) |
| 6-14 | Mailer ID (MID) | 900000000 |
| 15-25 | Postage Statement ID | N/A |
| 26 | MOD 10 Check Digit | N/A 7 |

- Mail.dat and Mail.XML postage statement processing has been updated to properly handle Carrier Route (CR) Every Door Direct Mail (EDDM) pieces with Simplified Address as ineligible for Full-Service processing. Mail.dat eDoc receives client validation error 4696 when the .cqt Service Level Indicator is 'F' and the corresponding .cqt Simplified Address Indicator is not blank. For Mail.XML, new error code 9717 has been established. The relevant error codes for Mail.dat and Mail.XML are shown below. 7030 (14607-R, 14609-R)
 - o Error Code 4696 (Mail.dat): For Full-Service processing, the .cqt Simplified Address Indicator cannot be M = Mixed (Residential and Business), R = Residential-only, B = Business-only, or Y = Yes (Residential and Business).
 - o Error Code 9717 (Mail.XML): For Full Service processing SimplifiedAddressIndicator cannot be populated with M = Mixed, R = Residential-only, B = Business-only, or Y = Yes (Residential and Business). 7030 {E}

1.5 Electronic Verification System (eVS®)

- The Carbon Accounting Statement reports have been updated to properly format the report values less than 1000 in the downloadable MS Excel (XLS) or and comma-separated values (CSV) forms. In the downloadable XLS and CSV forms of the report, the Company Name was previously missing and has now been added. The values in the “Pieces Used in Calculation” and “Pieces Not Included” columns were previously formatted incorrectly for values less than 1000. The Total line and Subtotals for each column were previously missing, and have now been added to the report display in the downloadable XLS and CSV formats.. 6778 {B}, 6784 {B}
- The PDF format of the Carbon Accounting Statement has been updated to correctly indicate the date range for the selected report timeframe. Prior to this release, the downloadable PDF format of the Carbon Accounting Statement incorrectly displayed a one-month date range instead of the timeframe selected by the user. For example, a report requested for the Quarter, Fiscal Year, or Year Ending in Selected Month each incorrectly displayed the date range as “Month 06 of Fiscal Year 2015 (03/01/2015 – 03/31/2015)”. 6780 {B}
- The eVS Manifest Search has been updated to standardize the formatting and display of several columns. The XLS (Excel) download option in the Domestic, International, and Universal Searches now displays the Manifest Weight (lbs.) and the eVS Recalculated Postage (\$) columns in numeric format. Note that for a Domestic Search, this applies to the PIC (Package Identification Code) search only. In addition, for a Domestic Search, when entered PICs are not found, the results list displays the PICs in entirety as they were entered in the search field. Previously, long PICs failed to display in the “PICs Not Found” results list. 6147 {B}
- The URL used for Package Information Code (PIC) links has been updated on several eVS reports to enable more detailed and efficient data retrieval. The impacted reports are: DDU Confirmation Services Misshipped Report, Duplicate PICs Report, Sampling Reports, and the Unmanifested Records Report. 7001 {B}
- The downloadable formats of the eVS Postage Discrepancy Report have been updated to correctly align the column headings with the appropriate data. Previously, a change introduced in the May 18, 2015 release inadvertently shifted the column headings relative to the data in the report's downloadable formats. As a result, data in the Sample Weight (lbs.) column on the downloadable formats of the eVS Postage Discrepancy Report was displayed as commas (,,) instead of the actual weight. This was a display issue only; the report displayed correctly when viewed online. 7378 {B}
- An eVS manifest processing issue has been corrected which previously failed to load duplicate records (as determined by Electronic File Number (EFN)), to a data table that enables them to be processed as manifest errors. 7387 {B}
- eVS processing has been updated to enable mailers with a Negotiated Service Agreement (NSA) for Priority Mail (PM) that excludes cubic rates to receive the published Commercial Plus™ Price (CPP) for cubic pieces. Previously, a defect introduced in the May 2015 *PostalOne!* system release incorrectly prevented the CPP price from being charged for cubic pieces on PM statements where the mailer's NSA agreement excluded cubic rates 7418 {B}

1.6 Performance Based Verification (PBV)

- An issue has been corrected which, in rare instances, caused mailers to be inaccurately identified as new or inactive mailers. This occurred because of a logic defect that passed an incorrect Facility ID to a background procedure. As a result of established mailers being incorrectly identified as new or inactive, their postage statements were incorrectly prompted for all verifications. The logic defect has been corrected so that the correct Facility ID follows the postage statement throughout verification and processing, allowing for the appropriate verification level. 5958 {B}

- PBV has been updated to consistently prompt for Weight Verification on Seamless Standard Mail postage statements. Prior to this release, a defect incorrectly suppressed the Weight Verification on Standard Mail postage statements when Seamless sampling was required. 7176 {B}

1.7 Refund Transactions

Users are now able to successfully process a refund transaction (PS 3533) through the Business Customer Gateway (BCG) Postal Wizard, without regard to the browser type and version. Prior to this release, refund transactions failed with an internal error if they were submitted using Google Chrome, Mozilla Firefox, or Windows Internet Explorer® (IE) versions higher than 8. 6114 {B}