



Agenda

- Move Update
- Full-Service
- eInduction
- Seamless

Key changes to the Census Move Update process since last analysis was completed in Q1

- Defer assessments until July 2015
 - Begin assessments with threshold at 0.8%
 - Re-evaluate the threshold prior to January 2016
- Create exception for Legal Restraint mailers
- Remove Single Piece Rate, MLNA, BNCO, Temporary, and Foreign addresses
- Provide mailers visibility into all Move Update errors
 - Immediate: Request manual query of all data or use provided ACS data to identify aged pieces
 - Next Steps: Working to deliver automated solution
- Open discussion with the Inspection Service

Based on the analysis the standard deviation for this time period is 0.41%. This is 0.4% lower than the planned threshold of 0.8% based on an earlier data pull (December 2013 – July 2014).

Date Range	Dec 2013 - Feb 2014	July 2014 - Sept 2014 (FS ACS STIDs)	July 2014 - Sept 2014 (All Data)
Mean	0.28%	0.24%	0.04%
Median	0.09%	0.10%	0.00%
Standard Deviation	0.53%	0.42%	0.16%
Revenue Neutral Threshold	0.80%	0.45%	0.36%

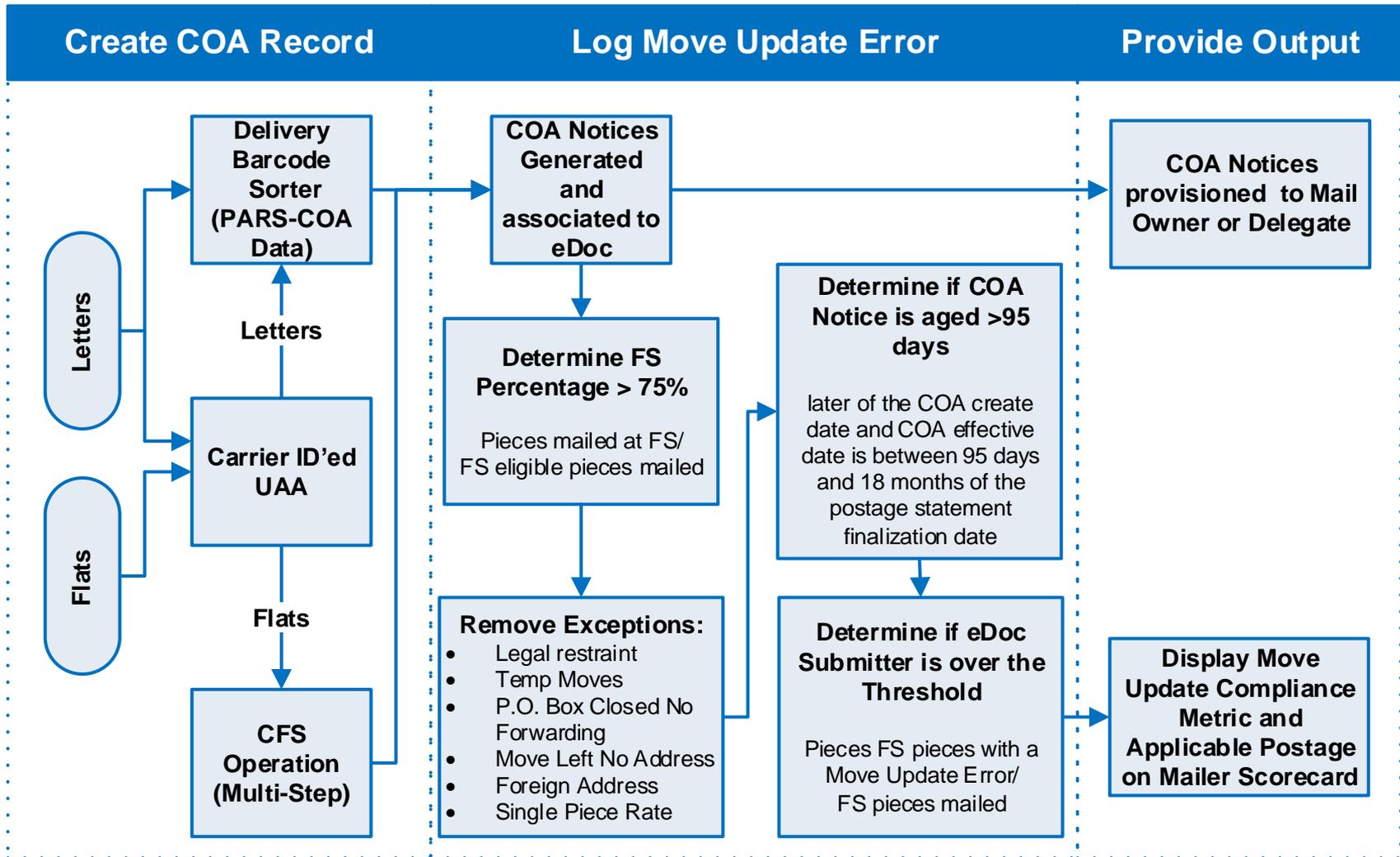
Postage Assessment at 0.8% Threshold

Old verification approach using Merlin (FY13)	\$266,414	\$266,414	\$266,414
New verification approach using Census	\$264,820	\$105,150	\$36,921
Estimated Postage Variance from Old to New	(\$1,593)	(\$161,264)	(\$229,493)



Move Update Error Creation Process

Change of Address log Move Update errors once the record has been aged more than 95 days based on postage statement finalization





Full-Service Initiatives

- 79% of volume is on Full-Service
- BMEU Outreach and Self-Service Terminal
- DMU Privileges
- Transition to Trend- Based Verification
 - Full-Service Verification
 - Move-Update Validation
 - eDoc Presort Validation
- *PostalOne!* release scheduled for November 30, 2014
 - Report Fixes
 - Work through Usergroups for Feedback/Validation (1, 3, 5)
 - Move Update (removing Temporary addresses)
 - Non-Profit Validation



Full Service Verifications

- **Full-Service Verification:**
 - Mailer ID, Service Type ID, By/For, Barcode Uniqueness, Entry Facility, Updated Copalletization Information
 - Postage Assessed for pieces above thresholds in April 2015
- **Move Update:**
 - Postage Assessed for pieces above threshold in July 2015

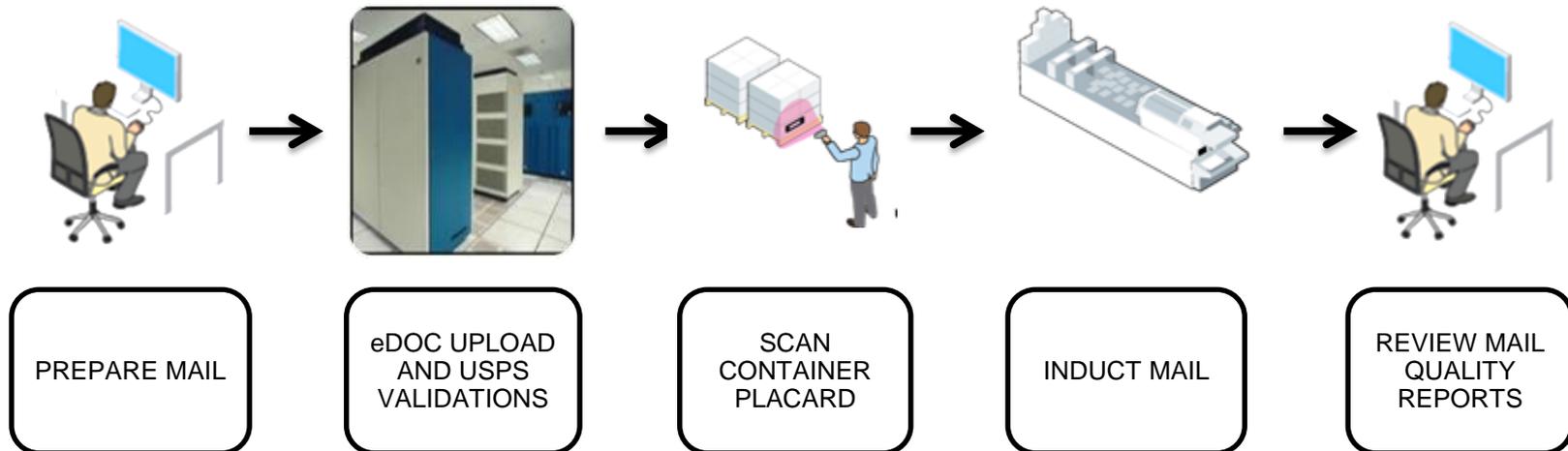
Mailer Scorecard		OCTOBER 2014	
Verifications			
Mailer Profile	Electronic Verification	eInduction	Seamless
<input type="radio"/> # Metrics	<input type="radio"/> # Trending	<input checked="" type="radio"/> % Metrics	<input type="radio"/> % Trending
Electronic Verif			
eDoc Submitter	Total	94609467	
		AFS	
# Containers processed for eDoc validations	12	12	
# Handling Units processed for eDoc validations	38	38	
# Bundles processed for eDoc validations	154	154	
# Pieces processed for eDoc validations	2,528	2,528	
# Full-Service Containers	12	12	
# Full-Service Handling Units	38	38	
# Full-Service Orphan Handling Units	0	0	
Full-Service Verifications			
# MID Container Errors	N/A	N/A	
# MID HU Errors	N/A	N/A	
# MID Piece Errors	N/A	N/A	
# STID Errors	N/A	N/A	
# By/For Errors	N/A	N/A	
# Barcode Uniqueness Container Errors	N/A	N/A	
# Barcode Uniqueness HU Errors	N/A	N/A	
# Barcode Uniqueness Piece Errors	N/A	N/A	
# Entry Facility Container Errors	N/A	N/A	
# Entry Facility HU Errors	N/A	N/A	
# Unlinked Copal Errors	--	N/A	
Total Additional Postage Due (Full-Service Electronic) - Info Only	N/A	N/A	
# Entry Scheduled Ship Date Warnings	N/A	N/A	
# DMU Verified USPS Transported Containers	N/A	N/A	
# Default Tray Barcode Warnings	N/A	N/A	
# Unlinked Copal Warnings	--	N/A	
Move/Update Validations – Info Only			
Type of Move/Update verification	N/A	Automated	
% COA Errors	N/A	N/A	
Entry Point Validations – Info Only			
% eDoc/Appointment Entry Point Mismatch	--	--	
% No Valid MDF Match	--	--	
% Out of Date MDF Match	--	--	
eDoc Nesting/Sortation Validations – Info Only			
% Entry Facility Container Errors.	--	--	
% CSA Container Errors	--	--	
% Rate Category Bundle Errors	--	--	
% Destination ZIP Code HU Errors	--	--	
% Minimum Piece Count/Weight HU Errors	--	--	
% Overflow HU Errors	--	--	
% Entry Facility HU Errors.	--	--	



Nonprofit Eligibility

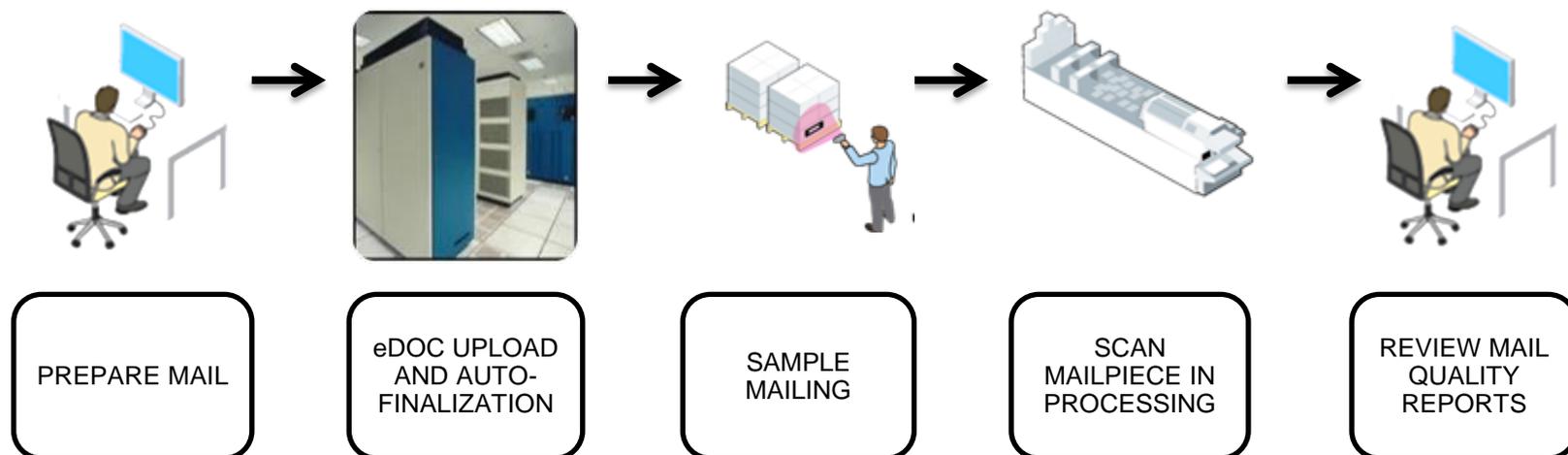
- Today, for Mail.dat & Mail.XML submissions USPS only validates Mail Owner Permit or the paying Permit of at least one Mail Owner
 - If there are remaining Mail Owners they may be identified in a hardcopy spreadsheet that must be presented to mail
- In November 2014, for Mail.dat & Mail.XML submissions USPS will validate any combination of Mail Owner MID, CRID, Permit or the paying Permit
 - All nonprofit entities in the mailing need to be identified in the eDoc
 - Will support current identification methods for a period of time
- National Nonprofit Authorization numbers (NPA)
 - All Nonprofit mailers to use National NPA
 - Ensure all National NPAs are associated to a valid CRID
 - ◆ Nonprofit MSPs/customers to contact the *PostalOne!* Help Desk to confirm NPA/CRID association
 - ◆ Beginning 11/24 BMEs will begin assisting customers with CRID cleanup and NPA association

- Scan-Based Paperless Entry at Dock
 - Use eDoc & scanners to accept container at entry
 - Automated decision making
 - Save time at origin and at entry by streamlining process
- 30% of Drop-Ship Containers on eInduction
- Non-SV Solution Pilot begins Sept 2014
 - National Deployment determined based on pilot results



Error	Mailer Contact Threshold	Egregious Threshold	What is it?
Misshipped	1.05%	2.00%	Did the mailer induct the container at the correct location per the eDoc?
Duplicate	0.17%	0.33%	Did the mailer apply unique barcodes to each container within a 45-day period?
Payment	0.00%	0.00%	Did the mailer submit an eDoc with the appropriate amount of payment?
Zone	0.01%	0.02%	Based on how far the container traveled relative to the origin, did the mailer earn the zone discount claimed on the eDoc?

- Seamless Parallel => Seamless
- Mailer submits eDoc
- Statement auto-finalized
- Capture sampling data using handheld scanner
- Capture data from Mail Processing Equipment (MPE)
- Compare data captured to eDoc
- Detailed Mail Quality reporting



- Seamless Acceptance verification results are compared against the established Mailer Contact Threshold and Egregious threshold

Verification	Mailer Contact Threshold	Egregious Threshold
Undocumented	0.5%	0.8%
Delivery Point	2%	5%
Nesting/Sortation (MPE)	1%	3%
Nesting/Sortation (Sampling)	3%	5%
Mail Characteristic	0.1%	0.5%
Postage	2%	5%
Weight	3%	5%



Questions?



Appendix



DMU Privileges

- USPS is working with all DMUs to submit 75% of eligible mail as full-service by November 1, 2014
- 773 DMUs in compliance
- 165 DMU Mailers not submitting at least 75% in October
- 40 are new to the list and have been issued a letter of compliance
- 7 were granted Periodical or Parcel exemption
- 118 have requested an extension. 69 mailers will be compliant by 12-31-14. 49 will be compliant NLT 3-31-15



Mail Entry Timeline

	Full-Service	eInduction	Seamless Acceptance
May 2009	Full-Service, providing discount and data visibility for mailing with unique barcodes and edoc, deployed (Section 3.1 Program Description)		
October 2012	Reporting on Full-Service Verification errors: Valid MID, Valid STID, By/For, Unique Barcode, Entry Facility, Unlinked Copal (Section 3.6 Full-Service Verifications)		
October 2013		eInduction, allowing paperless entry at the dock, deployed to all USPS processing sites (Section 4.1 Program Description)	
March 2014			Seamless Acceptance, automated mail acceptance and verification, deployed (Section 5.1 Program Description)
			Seamless Acceptance manual postage assessment against egregious thresholds (Section 5.4 Verifications)
June 2014	77% of eligible volume on full-service	30% of drop-ship containers in eInduction	1 billion pieces on Seamless Acceptance
August 2014	<i>PostalOne!</i> Release Reporting on Move-Update and Entry Point/eDoc Nesting Sortation validations for mailers over 75% full-service; (Sections 3.7 Move-Update Validation and 3.8 Entry Point Validation and eDoc Nesting/Sortation Validation) Confirmation Page for all eDoc (Section 3.2 BMEU Customer Outreach)	<i>PostalOne!</i> Release Improved reporting (Section 4.4 Reporting)	<i>PostalOne!</i> Release Enhanced undocumented error assignment (Section 5.4 Verifications)
September 2014		Pilot scan-based process at non-SV processing facilities, hubs, and DDUs. A national deployment date at non-SV processing facilities and DDUs will be determined based on pilot results. (Section 4.2 Scan-Based Induction at non-SV Sites)	
		eInduction manual postage assessment against egregious thresholds (Section 4.3 Verification)	
October 2014	Full-Service Verification error postage assessment For Review Only Valid MID, Valid STID, By/For, Unique Barcode, Entry Facility, Unlinked Copal (Section 3.6 Full-Service Verifications)		
November 2014	75% volume on full-service to retain DMU privileges (Section 3.3 DMU Privileges) <i>PostalOne!</i> Release Use induction date in Entry Point/eDoc Nesting Sortation; Change non-profit authorization to use MID/CRID (Section 3.4 Nonprofit Eligible)		<i>PostalOne!</i> Release Enhanced undoc for co-palletized mailings (Section 5.4 Verifications)
January 2015	Full-Service Verification error postage assessment Payable (Section 3.6 Full-Service Verifications) Move-Update error postage assessment For Review Only (Section 3.7 Move-Update Validation)		Seamless Acceptance automated postage assessment For Review Only (Section 5.4 Verifications)
April 2015	Move-Update error postage assessment Payable (Section 3.7 Move-Update Validation)		Seamless Acceptance automated postage assessment Payable (Section 5.4 Verifications)
Summer 2015		eInduction automated postage assessment (Section 4.3 Verification)	



Full Service Thresholds

Error Type	Mailer Scorecard Error	Threshold	What is it?
Valid MID	MID Container	2%	Is the Mailer ID in the Intelligent Mail container barcode valid and registered with the Postal Service?
	MID Handling Unit	2%	Is the Mailer ID in the Intelligent Mail tray barcode valid and registered with the Postal Service?
	MID Piece	2%	Is the Mailer ID in the Intelligent Mail barcode valid and registered with the Postal Service?
Valid STID	STID	2%	Is the Service Type ID in the Intelligent Mail barcode valid and correct for the class and service level of the mailpiece?
By/For	By/For	5% *	Are the mail owner and mail preparer identified in the eDoc and accurate?
Unique Barcode	Barcode Uniqueness Container	2%	Is the Intelligent Mail container barcode unique across all mailings from all mailers over the previous 45 days?
	Barcode Uniqueness Handling Unit	2%	Is the Intelligent Mail tray barcode unique across all mailings from all mailers over the previous 45 days?
	Barcode Uniqueness Piece	2%	Is the Intelligent Mail tray barcode unique across all mailings from all mailers over the previous 45 days? Note: The MID, Serial Number, and Class from the STID define a unique IMb. If the same MID and Serial Number are used on two mailpieces with two different STIDs that indicate the same class of mail (for example First-Class STIDs 314 and 320), those pieces will be flagged as non-unique.
Entry Facility	Entry Facility Container	2%	Is the entry facility a valid the Postal Service location?
Unlinked Copal	Unlinked Copal (Previously OCI)	5%	Was a tray/virtual sack marked for copalletization at origin and no electronic documentation submitted with the tray/virtual sack on a pallet? This was previously called an OCI error.



eInduction Thresholds

Error	Mailer Contact Threshold	Egregious Threshold	Additional Postage Assessment
Payment	0.00%	0.00%	<p>Containers without proof of payment will be assessed the 30-day average postage for containers mailed by the eDoc submitter CRID.</p> <p>In August 2014, mailers fully participating in Seamless Acceptance will not be invoiced for payment errors on containers. These containers will still show as unpaid in reporting; no dollar calculation or counted against threshold.</p>
Mis-shipped	1.05%	2.00%	Containers with a mis-shipped error will be assessed the difference between the origin entry rate and the original drop-ship discount provided.
Duplicate	0.17%	0.33%	Containers that are duplicate will be assessed the postage paid for the original instance of the duplicate container to all subsequent duplicates.
Zone	0.01%	0.02%	Containers with a zone error will be assessed the difference between the actual zone and eDoc zone.



Seamless Acceptance Thresholds

Verification	Mailer Contact Threshold	Egregious Threshold	Postage Assessment
Undocumented	0.5%	0.8%	Average Postage Rate for a month multiplied by total undocumented pieces for those pieces that exceed the threshold. Postage Rate is calculated as the average rate by mail class (determined by STID of IMb) for the assessment month.
Delivery Point	2%	5%	The difference between the original piece postage and the new postage amount. The new postage for delivery point errors will be the single piece rate or highest rate for the mail class, processing category and weight as identified in eDoc.
Nesting/Sortation (MPE)	1%	3%	The difference between the original piece postage and the new postage amount for. The new postage for nesting/sortation errors will be the appropriate mixed rate (MAADC or MADDC) by mail class, processing category and weight as identified in eDoc.
Nesting/Sortation (Sampling)	N/A	5%	This error is included in the General Postage Adjustment Factor (PAF). The General PAF is the ratio of postage which should have been paid for all sampled mailpieces, taking into account additional postage due from sampling nesting/sortation, postage, or weight errors, divided by postage paid. The PAF is always equal to or greater than 1. A mailer with no errors would have a PAF of 1.00. The PAF is an adjustment factor which is then applied to all mailpieces in the month if the threshold is exceeded.
Postage			
Weight			
Mail Characteristic	N/A	0.5%	This error is included in the Mail Characteristic Postage Adjustment Factor (PAF). The Mail Characteristic PAF is the ratio of postage which should have been paid for all sampled mailpieces, taking into account additional postage due from content errors, divided by postage paid. The PAF is always equal to or greater than 1. A mailer with no errors would have a PAF of 1.00. The PAF is an adjustment factor which is then applied to all mailpieces in the month if the threshold is exceeded.
Barcode Quality	N/A	TBD	This error is included in the Barcode Quality Postage Adjustment Factor (PAF). The Barcode Quality PAF is the ratio of postage which should have been paid for all sampled mailpieces, taking into account additional postage due from barcode quality errors, divided by postage paid. The PAF is always equal to or greater than 1. A mailer with no errors would have a PAF of 1.00. The PAF is an adjustment factor which is then applied to all mailpieces in the month if the threshold is