Address Validation Tools

Federal Mail Education Forum
June 3, 2015

Angela Lawson – Manager, Address Quality Programs
United States Postal Service®
Overview

- Why validation matters
- What is a quality address
- Address validation tools
  - CASS™
  - AEC/ AECII®
  - Change of Address
  - Secure Destruction
- Pulling it all together
America is Growing

1.07 million new addresses created in FY14
Why Address Validation Matters

- Address Validation is one of the key components to your mailing process

- Addresses that do not validate are at risk of non-delivery

- Addresses need to be
  - Complete
  - Correct
  - Current
Address Quality

- Complete the address
  - Leverage software and data to provide the missing information
    - ZIP + 4®, street name, directional, primary and secondary numbers, city, state

- Correct the address
  - Verifies address is deliverable
  - Corrects misspellings
  - Ensures the city, state, and ZIP Code™ are correct

- Keep the address current
  - Person, family, or business moved
  - Municipality introduced changes
Common Address Quality Problems

Physical Address Undeliverable As Addressed (UAA)

- Missing Apt or Ste Number: 398
- Incorrect Number: 226
- Incorrect Recipient: 134
- Missing Number: 56
- Missing RR or Box Number: 48
- Incorrect Street Name: 47

ACME PRODUCTS
4759 WESTERN ST
NEW YORK NY 10022-5279

CARL SHULER
1414 LAKE ST APT 3A
CHICAGO IL 60614-1910

CARL SHULER
1914 LAKE ST APT 3A
CHICAGO IL 60614-1910

CARL BROWN
1414 LAKE ST APT 3A
CHICAGO IL 60614-1910

Millions of Pieces: 398, 226, 134, 56, 48, 47
Address Quality Foundation

- Standardize
- Validate
- Update

Software:
- CASS Certified™
- LACSLink®
- SuiteLink®
- AEC / AEC II®
- NCOALink®
- ANKLink®
- ACS™
- DPV®
CASS™ Product

- USPS® certified benchmark
- Sets minimum performance standards for commercial ZIP + 4® address matching software
- Developers must pass USPS® test for CASS certification
  - CASS Vendor List
    https://ribbs.usps.gov/files/vendors/#index.txt
- Address matching software attempts to match addresses against range-based records on USPS ZIP + 4 files
- Provides carrier route assignment
- Pre-Mailing process
## CASS™ Product Return Codes

CASS Certified™ software products return codes indicating address assignment

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Invalid Address</td>
<td>22</td>
<td>Multiple Responses</td>
</tr>
<tr>
<td>11</td>
<td>Invalid City/State/ZIP</td>
<td>23</td>
<td>Error in Primary</td>
</tr>
<tr>
<td>12</td>
<td>Invalid State</td>
<td>31</td>
<td>Single Response</td>
</tr>
<tr>
<td>13</td>
<td>Invalid City</td>
<td>32</td>
<td>Default Response</td>
</tr>
<tr>
<td>17</td>
<td>Insufficient Data</td>
<td>33</td>
<td>Non-deliverable</td>
</tr>
<tr>
<td>21</td>
<td>Address Not Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CASS™ Product Return Codes

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</table>


**DPV® / DSF²®**

- Incorporated into CASS Certified™ Address Matching software
- Confirms the existence of a specific delivery point in AMS
  - Identifies additional information about that address
    - commercial mail receiving agency
    - Helps identify vacancies
- Helps to reduce UAA

<table>
<thead>
<tr>
<th>Address</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 MAIN ST</td>
<td>Confirmed</td>
</tr>
<tr>
<td>ANYTOWN TN 38138-6038</td>
<td></td>
</tr>
<tr>
<td>104 MAIN ST</td>
<td>Not Confirmed</td>
</tr>
<tr>
<td>ANYTOWN TN 38138-6038</td>
<td></td>
</tr>
</tbody>
</table>
### DPV® / DSF²® Footnote Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Codes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>Input Address Matched to the ZIP+4 file</td>
<td>P1</td>
<td>Input Address RR or HC Box number invalid</td>
</tr>
<tr>
<td>A1</td>
<td>Input Address Not Matched to the ZIP+4 file</td>
<td>P3</td>
<td>Input Address PO, RR, or HC Box number invalid</td>
</tr>
<tr>
<td>BB</td>
<td>Input Address Matched to DPV (all components)</td>
<td>RR</td>
<td>Input Address Matched to CMRA and PMB designator present (PMB 123 or #123)</td>
</tr>
<tr>
<td>CC</td>
<td>Input Address Primary Number Matched to DPV™ but Secondary Number not Matched (present but invalid)</td>
<td>R1</td>
<td>Input Address Matched to CMRA but PMB designator not present (PMB 123 or #123)</td>
</tr>
<tr>
<td>N1</td>
<td>Input Address Primary Number Matched to DPV™ but Address Missing Secondary Number</td>
<td>F1</td>
<td>Input Address Matched to a Military Address</td>
</tr>
<tr>
<td>M1</td>
<td>Input Address Primary Number Missing</td>
<td>G1</td>
<td>Input Address Matched to a General Delivery Address</td>
</tr>
<tr>
<td>M3</td>
<td>Input Address Primary Number Invalid</td>
<td>U1</td>
<td>Input Address Matched to a Unique ZIP Code</td>
</tr>
</tbody>
</table>

On footnotes of F1, G1 and U1 move “Y” to the DPV return code and spaces to all other flags.
# DPV® / DSF²® Footnote Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>P1</th>
<th>P3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>Input Address Matched to the ZIP+4 file</td>
<td>P1 Input Address RR or HC Box number invalid</td>
<td></td>
</tr>
<tr>
<td>A1</td>
<td>Input Address Not Matched to the ZIP+4 file</td>
<td>P3 Input Address PO, RR, or HC Box number invalid</td>
<td></td>
</tr>
<tr>
<td>BB</td>
<td>Input Address Matched to DPV (all components)</td>
<td>RR Input Address Matched to CMRA and PMB designator present (PMB 123 or #123)</td>
<td></td>
</tr>
<tr>
<td>CC</td>
<td>Input Address Primary Number Matched to DPV but Secondary Number not Matched</td>
<td>R1 Input Address Matched to CMRA but PMB designator not present (PMB 123 or #123)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(present but invalid)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1</td>
<td>Input Address Primary Number Matched to DPV™ but Address Missing Secondary</td>
<td>F1 Input Address Matched to a Military Address</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M1</td>
<td>Input Address Primary Number Missing</td>
<td>G1 Input Address Matched to a General Delivery Address</td>
<td></td>
</tr>
<tr>
<td>M3</td>
<td>Input Address Primary Number Invalid</td>
<td>U1 Input Address Matched to a Unique ZIP Code</td>
<td></td>
</tr>
</tbody>
</table>

On footnotes of F1, G1 and U1 move “Y” to the DPV return code and spaces to all other flags.
### DPV® Tables

<table>
<thead>
<tr>
<th>A</th>
<th>Address Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>CMRA (Commercial Mail Receiving Agency)</td>
</tr>
<tr>
<td>F</td>
<td>False Positive (Integrity)</td>
</tr>
<tr>
<td>P</td>
<td>PBSA (PO Box Street Address)</td>
</tr>
<tr>
<td>V</td>
<td>Vacant</td>
</tr>
<tr>
<td>X</td>
<td>No-stat (address not counted for delivery)</td>
</tr>
</tbody>
</table>

### DSF²® Tables

<table>
<thead>
<tr>
<th>A</th>
<th>Address Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Business</td>
</tr>
<tr>
<td>C</td>
<td>CMRA (Commercial Mail Receiving Agency)</td>
</tr>
<tr>
<td>D</td>
<td>Drop Address</td>
</tr>
<tr>
<td>E</td>
<td>Educational</td>
</tr>
<tr>
<td>F</td>
<td>False Positive (Integrity)</td>
</tr>
<tr>
<td>L</td>
<td>LACS</td>
</tr>
<tr>
<td>P</td>
<td>PBSA (PO Box Street Address)</td>
</tr>
<tr>
<td>S</td>
<td>Seasonal</td>
</tr>
<tr>
<td>T</td>
<td>Throwback</td>
</tr>
<tr>
<td>V</td>
<td>Vacant</td>
</tr>
<tr>
<td>X</td>
<td>No-stat (address not counted for delivery)</td>
</tr>
</tbody>
</table>
LACSLink®

- Incorporated into CASS Certified™ Address Matching software
- Converts addresses that are changed by local governments
  - Rural route to street style conversion
  - Renumbering changes
  - Street name changes

<table>
<thead>
<tr>
<th>Old Style</th>
<th>New Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>RR 5 Box 234</td>
<td>5471 Apple Drive</td>
</tr>
<tr>
<td>471 Main St</td>
<td>1471 Main St</td>
</tr>
<tr>
<td>987 Edgewater Dr</td>
<td>987 Waterways Blvd</td>
</tr>
</tbody>
</table>

Delivery point remains the same and the residents have not moved, but the address has been changed.
# LACSLink® Return Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td><strong>LACSLink Record Match</strong> – The input record matched to a record in the master file. A new address could be furnished.</td>
</tr>
<tr>
<td>00</td>
<td><strong>No Match</strong> – The input record COULD NOT BE matched to a record in the master file. A new address could not be furnished.</td>
</tr>
<tr>
<td>09</td>
<td><strong>LACSLink Record Match</strong>: Highrise Default – The input record matched to a record in the master file, but the old address is a high-rise default.</td>
</tr>
<tr>
<td>14</td>
<td><strong>Found LACSLink Record</strong>: New Address Would Not Convert at Run Time – The input record matched to a record in the master file. The new address could not be converted to a deliverable address.</td>
</tr>
<tr>
<td>92</td>
<td><strong>LACSLink Record</strong>: Secondary Number Dropped from Input Address – The input record matched to a master file record, but the input address had a secondary number and the master file record did not. The record is a ZIP + 4 street level or high-rise match.</td>
</tr>
</tbody>
</table>
SuiteLink® Product

- Improves address assignments to business addresses by adding known secondary (suite) numbers

- Provided a business name and an associated ZIP + 4® coded address matches to a high-rise default, the SuiteLink process will return the appropriate suite number when available
### SuiteLink® Return Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>SuiteLink Record Match – The input record matched to a record in the master file. An improved business address could be furnished.</td>
</tr>
<tr>
<td>00</td>
<td>No Match – The input business name and/or address COULD NOT BE matched to a record in the master file.</td>
</tr>
</tbody>
</table>
AEC & AEC II®

- AEC provides a crucial “last resort” approach to stubborn addresses
  - USPS® service to help correct addresses that CASS Certified™ software cannot fix

- Resolves physical address deficiencies
- Costs $21.00 per thousand
- Average correction rate - 38%
- Pre-Mailing process
AEC & AECII® Service

- AECII expands AEC processing
  - Leverages Delivery Force Knowledge™ for addresses that AEC cannot correct
- AEC II cost - $0.32 per record
  - Average: 85% resolution rate
  - Average: 51% correction rate
Address Quality Products

Standardize

Validate

Update

CASS Certified™ Software

DPV®

LACSLink®

SuiteLink®

AEC / AEC II®

NCOALink®

ANKLink®

ACS™
NCOA Link®

- USPS® licensed product using address change information when individuals or businesses inform the USPS of their move
- Provides electronic Change-of-Address information
- Average correction rate (with new address) – 3.41%
- Three different license types
- Variable costs
- Pre-Mailing process
NCOA Link® Service

- A pre-mailing Move Update method leveraging USPS® provided data
- Data delivery from USPS to certified licensees
- Four levels of usage for certified licensees:
  - **End User Mailer**
    (18 months of data updated monthly)
  - **Limited Service Provider**
    (18 months of data updated weekly)
  - **Mail Processing Equipment**
    (18 months of data updated weekly)
  - **Full-Service Provider**
    (48 months of data updated weekly)
<table>
<thead>
<tr>
<th>A</th>
<th>Match</th>
<th>COA Match: The input record matched a COA record.</th>
</tr>
</thead>
<tbody>
<tr>
<td>91</td>
<td>Match</td>
<td>COA Match: Secondary Number dropped from COA.</td>
</tr>
<tr>
<td>92</td>
<td>Match</td>
<td>COA Match: Secondary Number dropped from input address.</td>
</tr>
<tr>
<td>01</td>
<td>Match</td>
<td>Found COA: Foreign Move. Foreign Move. The customer has moved to a foreign address.</td>
</tr>
<tr>
<td>02</td>
<td>Match</td>
<td>Found COA: Moved Left No Address (MLNA). The input record matched a COA record, but there was no new address provided.</td>
</tr>
<tr>
<td>03</td>
<td>Match</td>
<td>Found COA: Box Closed No Order (BCNO). The input record matched a COA record, but the PO BOX has been closed and no forwarding addresses was provided.</td>
</tr>
</tbody>
</table>
# NCOA[^1] Link® Footnote Codes for Non-Matching Records

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>No Match The input record did not match a COA record.</td>
</tr>
<tr>
<td>04</td>
<td>No Match Family match to a COA with a secondary address, but no secondary address was provided on input.</td>
</tr>
<tr>
<td>06</td>
<td>No Match There is more than one COA record and the middle names are different.</td>
</tr>
<tr>
<td>07</td>
<td>No Match There is more than one COA record and the genders are different.</td>
</tr>
<tr>
<td>08</td>
<td>No Match The input record matched two COA records.</td>
</tr>
<tr>
<td>09</td>
<td>No Match The input record matched a COA record from a high-rise address.</td>
</tr>
<tr>
<td>10</td>
<td>No Match The input record matched a COA record for a rural or highway contract route.</td>
</tr>
<tr>
<td>11</td>
<td>No Match The input record matched a COA record with the same surname and address, but there is insufficient name information on the COA record to produce a match.</td>
</tr>
<tr>
<td>19</td>
<td>No Match There is a change of address on file but the new address cannot be ZIP + 4 coded. The new address cannot be confirmed on DPV or the new address is temporary.</td>
</tr>
</tbody>
</table>
ANKLink® Service

- A valuable add-on to NCOALink® Limited Service Providers and End User Mailers
- Provides an indicator that a move may have occurred in months 19 through 48
  - Does not contain the actual new address
- Allows for more value out of move update processing
  - Only the flagged addresses need to be sent to a 48-month NCOALink Full-Service Provider
ACS™

- Provides electronic notices for undeliverable mailpieces
  - Change-of-address (COA)
  - Other reasons for non-delivery
- Traditional ACS™, OneCode ACS® or Full-Service ACS
- Requires an ancillary service endorsement
- Can reduce costs associated with manual returns and manual keying of data
- Centralized fulfillment option (SingleSource)
- Post-Mailing process
### ACS™ Return Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>K</strong></td>
<td>Customer has moved and left no forwarding address</td>
</tr>
<tr>
<td><strong>G</strong></td>
<td>Customer’s P.O. Box™ has been closed and no forwarding address was filed</td>
</tr>
<tr>
<td><strong>W</strong></td>
<td>Matched with a COA order for a temporary change of address</td>
</tr>
<tr>
<td><strong>A</strong></td>
<td>Attempted, not known</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>Returned for better address</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>Outside delivery limits</td>
</tr>
<tr>
<td><strong>E</strong></td>
<td>In dispute</td>
</tr>
<tr>
<td><strong>I</strong></td>
<td>Insufficient address</td>
</tr>
<tr>
<td><strong>L</strong></td>
<td>Illegible</td>
</tr>
<tr>
<td><strong>M</strong></td>
<td>No mail receptacle</td>
</tr>
<tr>
<td><strong>N</strong></td>
<td>No such number</td>
</tr>
<tr>
<td><strong>P</strong></td>
<td>Deceased</td>
</tr>
<tr>
<td><strong>Q</strong></td>
<td>Not deliverable as addressed / unable to forward</td>
</tr>
<tr>
<td><strong>R</strong></td>
<td>Refused</td>
</tr>
<tr>
<td><strong>S</strong></td>
<td>No such street</td>
</tr>
<tr>
<td><strong>U</strong></td>
<td>Unclaimed</td>
</tr>
<tr>
<td><strong>V</strong></td>
<td>Vacant</td>
</tr>
<tr>
<td><strong>X</strong></td>
<td>No such office</td>
</tr>
</tbody>
</table>
ACS™ Service

- Participants include an identification code on mailpieces and receive the change-of-address data directly from the USPS®

- Example of participant code and keyline

```
#BWNFXZT
#P123456789 2572X 7 #
JOHN E SMITH
916 N 5TH ST APT 3
SPRINGFIELD IL 62702-5288
```

ACS participant code provided by Postal Service™

ACS key line provided by the mailer for nixies

Information contained in barcode (MID, STID, keyline)
STID Characteristics

What is a Service Type ID?

- The Intelligent Mail® barcode allows the 3-digit Service Type ID field to contain information that USPS® uses to meet your business needs by requesting extra services.

- These services include:
  - Mail piece disposition if undeliverable
  - Address correction options
  - IMb Tracing®
  - Secure Destruction
Secured Destruction

If we can’t cut the volume, we can cut the cost!

- Reduces USPS® costs of returning First-Class UAA mail
  - $0.43 per piece to return
  - $0.11 to waste
- Potential to reduce mailer costs associated with handling and destroying returned mail

Ask yourself: Do you really need the mailpiece back?
You can trust the USPS® to securely destroy your mailpieces.
1. Code address via CASS Certified™ address matching software with DPV® and LACSLink®

2. Did the address DPV Confirm? Y/N

3. Send bad addresses to AEC/AEC II®

4. Bad address fixed/ZIP + 4® coded?

5. Suppress bad addresses from mailing list

6. Update movers (NCOALink) (pre mailing process)

7. Apply ACS™ to mail piece (post mailing process)

8. Mail

9. Update address list with new ACS information

Best Mail Quality
Summary

- The quality of your address data directly affects the deliverability of your mail!
- USPS® provides an extensive suite of Address Quality products and services; check out ribbs.usps.gov.
- USPS is committed to continuous address hygiene improvements to enhance the value of mail.
For More Information

ribbs.usps.gov

National Customer Support Center
1-800-238-3150

Intelligent Mail® Services

Mail Entry Roadmap
The Mail Entry Roadmap describes the Postal Service's key initiatives to streamline the acceptance, induction, and verification of commercial mailings: Full-Service Intelligent Mail®, induction, and Seamless Acceptance.

Full-Service Intelligent Mail Requirements for Automation Prices
Due to the PRC ruling, the Postal Service is delaying the Jan. 26, 2014, implementation of the Full-Service Intelligent Mail requirements for automation price discounts. Mailers who are not currently enrolled in Full-Service Effective Jan. 26, 2014, will still be able to claim automation prices.

eDoc and Full-Service Authorization for Software Vendors
The Postal Service has launched a voluntary process for software vendors and developers to authorize their product(s) in the Test Environment for Mailers (TETM). To get started, click here to review the Mail.dat or Mail.XML guides and access the on-line Enrollment Tool.

Find Daily Updates
What documents were updated or added today? Click on the main "Updates" button on the left and review new or updated changes. For additional information, email the business owner located at the bottom of each page under Contact Information.

USPS Service Alerts
USPS Service Alerts communicates information to residential consumers and business mailers in near real-time about postal facility service disruptions due to weather-related and other natural disasters or events. Business mailers will find more detailed information on the operating status of USPS mail processing facilities and delivery units. For details on current impacted areas, click here.
Thank You!
Glossary

DPV® – Identify inaccurate or incomplete addresses

LACS – Locatable Address Conversion System. Automated process of obtaining new address when the address has been changed by the local planning authority or building management

SuiteLink® – Improves address assignments to business addresses by adding known secondary (suite) numbers

AEC – Address Element Correction. Corrects and standardizes address elements on the worst addresses not resolved by CASS™

NCOA – National Change of Address. Aids mailers in identifying address changes before mail enters the mail stream

ANK – Attempted Not Known. For NCOA® limited service providers and end user mailers. ANK® is an enhancement to the existing 18 month NCOA product. ANK® provides an additional 30 months of COA information.

ACS™ – Cost effective means of obtaining accurate change of address information

UAA – Undeliverable As Addressed
Who Must Use Move Update?

- Presorted or Automation discounts for First-Class Mail®
- Standard Mail® discounts
- Addresses on mailpieces updated using an approved method within 95 days prior to the mailing date
- First-Class Mail or Standard Mail mailpieces with exceptional or an alternative address format are not required to meet Move Update (mail is not forwarded)
  - Or Current Resident
  - Postal Customer
“Default” Undeliverable Mail Treatment

- The default treatment for First-Class Mail® is to forward or return it with no additional postage paid and no separate address correction notice.

- **Periodicals** are forwarded for 60 days and an address correction is sent after 60 days (PS Form 3579). Any further pieces are discarded. If Nixie, a notice is sent every time.

- Standard Mail® and Bound Printed Matter is discarded with no notice to the mailer.

- Standard Post, Parcel Select, Media Mail, and Library Mail are forwarded to the addressee as Postage Due. Nixies are returned, forwarding (if appropriate) and return postage is charged.
Address Service Requested

- Option 1
  - Forward if possible, return if not
  - Available with Manual or ACS™ notice for forwarded pieces only
  - Requires weighted fee for returned Standard Mail®

- Option 2 – Available via ACS only
  - Forward if possible, return if not
  - ACS notice provided for forwarded and returned pieces
  - Requires weighted fees for returned Standard Mail

The weighted (per piece) fee is the First-Class Mail® or Priority Mail single-piece price, plus any nonmachinable surcharge multiplied by 2.472; rounding any fractions to the next whole cent. So:

\[ 49¢ \times 2.472 = $1.22 \]
Change Service Requested

- Option 1
  - All UAA mail is discarded
  - Available with Manual or ACS™
  - *Except: First-Class Mail® requires ACS!*

- Option 2 – Available via ACS only
  - Forward if possible, all others discarded
  - ACS notice provided for both
  - Currently only available for First-Class Mail.
  - Soon to be available for Standard Mail letters & flats & Bound Printed Matter with an IMb™.

No Weighted Fee!
Return Service Requested

- Option 1
  - Manual Service Type ID & print the endorsement
  - All UAA mail is returned to sender
  - No separate notice provided
    - First-Class Mail® returned at no additional charge
    - Standard Mail® returned at First-Class Mail single-piece price

- Option 2 – Available via ACS™ only
  - All UAA mail is returned to sender at prices above
  - ACS notice also provided
Temp - Return Service Requested

- Option 1 – First-Class Mail® ONLY
  - Manual Service Type ID & print the endorsement
  - Permanent COA & UAA mail is returned to sender
    - First-Class Mail returned at no charge
  - Temp COA - mail is forwarded – no notice provided

- Option 2 – Available via ACS for First-Class Mail ONLY
  - Permanent COA & UAA mail is returned to sender at no charge
  - ACS notice also provided
  - Temp COA - mail is forwarded – no notice provided
Forwarding Service Requested

- Option 1
  - Forward if possible, return if not
  - Reason for UAA provided only if returned
  - This is the same as the ‘default’ treatment for First-Class Mail®
  - Not recommended for Standard Mail®
  - Requires weighted fee for returned Standard Mail
  - Not available with ACS
  - Does not meet Move Update standards

The weighted (per piece) fee is the First-Class Mail or Priority Mail single-piece price, plus any nonmachinable surcharge multiplied by 2.472; rounding any fractions to the next whole cent. So:

\[ 49\text{¢} \times 2.472 = \$1.22 \]
Service Type Identifiers (STIDs)

PostalOne! Release 38.0.0 originally scheduled for July 2014 has been rescheduled for implementation on September 7, 2014.

There will be no STID changes or additions scheduled for Release 38.0.0. A previously posted pre-notice of new STIDs for July has been removed from the important Links.

The Service Type Identifier (STID) in the Intelligent Mail barcode is used to identify mailpiece movement through the postal system and support any additional services requested for that mailpiece. The STID
# Table of STIDs

<table>
<thead>
<tr>
<th>Class of Mail</th>
<th>Address Correction Option</th>
<th>Nonautomaton w/o IMb Tracing™</th>
<th>Nonautomaton with IMb Tracing</th>
<th>Full-Service w/o IMb Tracing</th>
<th>Full-Service with IMb Tracing</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-Class Mail</td>
<td>No Address Corrections</td>
<td>300</td>
<td>310</td>
<td>260</td>
<td>270</td>
</tr>
<tr>
<td>Standard Mail</td>
<td>Manual Corrections</td>
<td>301</td>
<td>311</td>
<td>261</td>
<td>271</td>
</tr>
<tr>
<td>Bound Padded Matter</td>
<td>Manual Corrections</td>
<td>401</td>
<td>265</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Periodicals</td>
<td>Manual Corrections</td>
<td>704</td>
<td>044</td>
<td>264</td>
<td></td>
</tr>
<tr>
<td>Priority Mail</td>
<td>Priority Mail</td>
<td>710</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical Mail</td>
<td>Critical Mail</td>
<td>712</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daily Mail</td>
<td>Courtesy Reply Mail</td>
<td>703 ** or 700</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: The table continues with additional details for each class and option.*
STID Characteristics

- **Mail Class**
  - First-Class
  - Periodicals
  - Standard
  - Package Services

- **Mail Entry Option**
  - Full-Service
  - Basic
  - Non-Automation

- **IMb Tracing®**
  - Barcode scans that provide status information of a mailpiece
  - This discussion addresses Destination IMb Tracing
STID Characteristics

- **UAA Disposition**
  - Forward
  - Return
  - Discard

- **Address Correction Type, if any**
  - None
  - Hardcopy
  - ACS™
    - OneCode ACS®
    - Full-Service ACS
    - Traditional ACS (#B - - - - - -)
What is Move Update?

Move Update describes the process of periodically matching a mailer’s address records with customer-filed Change-of-Address orders received and maintained by the Postal Service™

**Move Update =**  
Fewer Forwarded and Returned Mailpieces
Move Update Methods

- **NCOA<sup>Link®</sup>** - including both pre-mail NCOA<sup>Link</sup> processing systems and the physical mailpiece processing equipment system: Mail Processing Equipment (MPE).

- **ACS**

- **Applicable ancillary service endorsements** under [507.1.5.1](#) or [507.1.5.3](#), except “Forwarding Service Requested.” Just printing the endorsement on the piece does not meet the requirement!

- **For First-Class Mail®, and First-Class Package Service only**: Mailer Move Update Process Certification and USPS®-approved alternative methods for mailers with legitimate restrictions on incorporating USPS-supplied change-of-address information into their mailing lists.