



This form may be generated as the output of address matching processing using CASS Certified™ software in conjunction with current USPS® address database files. Any facsimile must contain the same information in the same format as the printed form.

# CASS™ Summary Report

See DMM® Section 602 for more information.

| A. Software |  |  |                         |
|-------------|--|--|-------------------------|
| CASS A1     | 1. CASS Certified Company Name<br>Satori Software, Inc.  | 2. CASS Certified Software Name & Version<br>BCC Architect v2.13.0.N | 3. Configuration<br>WIN |
|             | 4. Z4Change Certified Company Name                       | 5. Z4Change Certified Software Name & Version                        | 6. Configuration        |
|             | 7. eLOT® Certified Company Name<br>Satori Software, Inc. | 8. eLOT Certified Software Name & Version<br>BCC Architect v2.13.0.N | 9. Configuration<br>WIN |
| MASS A2     | 1. MASS™ Certified Company Name                          | 2. MASS Certified Software Name, Version & Model No.                 | 3. Configuration        |
|             |  |  | 4. MLOCR Serial No.     |

| B. List   |                               |  |
|---|-------------------------------|--|
| 1. List Processor's Name  | <b>2. Date List Processed</b> | <b>3. Date of Database Product Used</b>              |
|   | a. Master File<br>10/19/2019  | a. ZIP+4® File<br>10/15/2019                         |
|   | b. Z4Change                   | b. Z4Change  |
|   | c. eLOT<br>10/19/2019         | c. eLOT<br>10/15/2019                                |
|   | d. CRIS                       | d. CRIS  |
| 4. List Name or ID No. (If using ID No., number must start with ID #)<br>NCOA | 5. Number of Lists<br>29      | 6. Total Records Submitted for Processing<br>4985726 |

| C. Output                |                |                      |          |                  |                |                      |          |
|--------------------------|----------------|----------------------|----------|------------------|----------------|----------------------|----------|
| Output Rating            | 1. Total Coded | 2. Validation Period |          | Output Rating    | 1. Total Coded | 2. Validation Period |          |
| a. ZIP + 4/DPV Confirmed | 4940561        | From                 | To       | c. 5-Digit Coded | 4985612        | From                 | To       |
|                          |                | 10/19/19             | 04/16/20 |                  |                | 10/19/19             | 10/18/20 |
| b. Z4Change Processed    |                |                      |          | d. CRRT Coded    | 4962999        | From                 | To       |
|                          |                |                      |          |                  |                | 10/19/19             | 01/17/20 |
|                          |                |                      |          | e. eLOT Assigned | 4940561        | From                 | To       |
|                          |                |                      |          |                  |                | 10/19/19             | 01/17/20 |

| D. Mailer  |                |                               |
|--|----------------|-------------------------------|
| I certify that the mailing submitted with this form has been coded (as indicated above) using CASS Certified software meeting all of the requirements listed in the DMM Section 602. |                | 3. Name and Address of Mailer |
| 1. Mailer's Signature  | 2. Date Signed |                               |

| E. Qualitative Statistical Summary (QSS)   |                           |                 |                 |                  |          |                   |
|--|---------------------------|-----------------|-----------------|------------------|----------|-------------------|
| <b>For Informational Purposes Only:</b> QSS is solely made available for the list processor's review and analysis. This information is not to be considered by the U.S. Postal Service® personnel in determining rate eligibility under any circumstances. |                           |                 |                 |                  |          |                   |
| High Rise Default<br>86049   | High Rise Exact<br>472813 | RR Default<br>2 | RR Exact<br>549 | LACS Link®<br>30 | EWS<br>8 | Suite Link®<br>28 |

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# NCOALink® Processing Summary Report

The following information is provided by BCC Software LLC as a result of running a MOVE Update process.

## A. Job Information

|   |                               |   |
|---|-------------------------------|---|
| 1. Job ID<br>003FT                          | 2. Total Processed<br>4985726 | 3. Credits Used<br>4985726              |
| 4. Job Start<br>10/19/2019                  | 5. Job End<br>10/19/2019      | 6. List Returned<br>10/19/2019          |
| 7. Customer PAF ID<br>FBDM511140990MFPX5    | 8. Customer Company           | 9. Licensee Company<br>BCC Software LLC |
| 10. Broker/Agent PAF ID<br>FBDM511140V9ZNLU | 11. Broker/Agent Company      | 12. List Name<br>NCOA                   |

## B. Processing Options

|   |  |  |
|---|--|--|
| 1. Processing Category<br>Normal                    | 2. Standard Output Returned<br>Y           | 3. Data Returned<br>COADData   |
| 4. Pre-Processing Performed<br>P (From Postal Data) | 5. Concurrent Processing Performed<br>None | 6. Post-Processing Performed<br>P (From Postal Data)                           |
| 7. Matching Logic<br>S (Standard)                   | 8. Class of Mail<br>A (First Class)        | 9. Utilized Processes<br>NCOA <sup>Link</sup> , CASS, DPV, LACSLink, SuiteLink |

## C. Address Correction Statistics

|                               |                           |                            |
|-------------------------------|---------------------------|----------------------------|
| 1. Total Processed<br>4985726 | 2. Total Errors<br>45165  | 3. ZIP+4 Coded<br>4940561  |
| 4. DPV Coded<br>4940561       | 5. LACSLink Matched<br>30 | 6. SuiteLink Matched<br>28 |

## D. NCOA<sup>Link</sup> Statistics

|  |                                    |                                     |
|--|------------------------------------|-------------------------------------|
| 1. NCOA <sup>Link</sup> Processed<br>4940561 | 2. Total Matches<br>139959         | 3. No Match Found<br>4800602        |
| 4. New Address Returned<br>133020            | 5. New Address Unavailable<br>6939 | 6. ANK <sup>Link</sup> Matched<br>0 |

### Match Found - New Address Provided

| Code | Total  | Description                                     |
|------|--------|---|
| A    | 132143 | Input record matched                            |
| 91   | 686    | Secondary number dropped from change of address |
| 92   | 191    | Secondary number dropped from input address     |

### Match Found - No New Address Available

| Code | Total | Description                  |
|------|-------|------------------------------|
| 1    | 29    | Foreign move                 |
| 2    | 1560  | Move Left No Address         |
| 3    | 460   | PO Box Closed, no forwarding |

### Match Found - Unable to Provide New Address

| Code | Total | Description                                  |
|------|-------|--|
| 5    | 43    | New 11-digit DPBC is ambiguous               |
| 14   | 1044  | New address would not convert to deliverable |
| 19   | 3803  | New address not zip+4, DPV or temporary      |

### Match Found - Totals by Age in Months

| Codes     | 0 - 3 | 4 - 6 | 7 - 12 | 13 - 18 | 19+   |
|-----------|-------|-------|--------|---------|-------|
| A, 91, 92 | 62679 | 52284 | 2304   | 2569    | 13184 |
| 1, 2, 3   | 682   | 388   | 185    | 152     | 642   |
| 5, 14, 19 | 3608  | 945   | 91     | 51      | 195   |

### No Match Found

| Code | Total   | Description                                 |
|------|---------|---|
| 0    | 4795948 | No move found                               |
| 4    | 135     | Street Address missing secondary            |
| 6    | 3       | Conflicting directions, middle name related |
| 7    | 0       | Conflicting directions, gender related      |
| 8    | 7       | Other conflicting instructions              |
| 9    | 21      | High-rise default                           |
| 10   | 0       | Rural route default                         |
| 11   | 0       | Individual, Insufficient Name for match     |
| 12   | 198     | Middle name test failed                     |
| 13   | 73      | Gender test failed                          |
| 15   | 4       | Individual name insufficient                |
| 16   | 189     | Secondary number discrepancy                |
| 17   | 76      | Other insufficient name                     |
| 18   | 0       | General delivery                            |
| 20   | 0       | Conflicting directions after re-chaining    |
| 66   | 3948    | Address deleted, no forwarding allowed      |

### Move Type

| Code | Total | Description |
|------|-------|-------------|
| I    | 85549 | Individual  |
| F    | 38292 | Family      |
| B    | 16118 | Business    |