



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 Quadient Data USA, Inc. | 2. CASS Certified Software Name & Version Quadient Architect v2.13.0.N | 3. Configuration WIN |
| | 4. Z4Change Certified Company Name | 5. Z4Change Certified Software Name & Version | 6. Configuration |
| | 7. eLOT® Certified Company Name Quadient Data USA, Inc. | 8. eLOT Certified Software Name & Version Quadient Architect v2.13.0.N | 9. Configuration 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 | 2. Date List Processed | 3. Date of Database Product Used |
| | a. Master File 07/20/2019 | a. ZIP+4® File 07/15/2019 |
| | b. Z4Change | b. Z4Change |
| | c. eLOT 07/20/2019 | c. eLOT 07/15/2019 |
| | d. CRIS | d. CRIS |
| 4. List Name or ID No. (If using ID No., number must start with ID #) NCOA | 5. Number of Lists 29 | 6. Total Records Submitted for Processing 5210547 |

| C. Output | | | | | | | |
|--------------------------|----------------|----------------------|----------|------------------|----------------|----------------------|----------|
| Output Rating | 1. Total Coded | 2. Validation Period | | Output Rating | 1. Total Coded | 2. Validation Period | |
| a. ZIP + 4/DPV Confirmed | 5165114 | From | To | c. 5-Digit Coded | 5210432 | From | To |
| | | 07/20/19 | 01/16/20 | | | 07/20/19 | 07/19/20 |
| b. Z4Change Processed | | | | d. CRRT Coded | 5187709 | From | To |
| | | | | | | 07/20/19 | 10/18/19 |
| | | | | e. eLOT Assigned | 5165114 | From | To |
| | | | | | | 07/20/19 | 10/18/19 |

| 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) | | | | | | |
|--|---------------------------|-----------------|-----------------|------------------|-----------|-------------------|
| For Informational Purposes Only: 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 86410 | High Rise Exact 485630 | RR Default 2 | RR Exact 723 | LACS Link® 31 | EWS 15 | Suite Link® 23 |

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NCOALink® Processing Summary Report

The following information is provided by Satori Software, Inc. as a result of running a MOVE Update process.

A. Job Information

| | | |
|---|--|--|
| 1. Job ID 003AO | 2. Total Processed 5210547 | 3. Credits Used 5210547 |
| 4. Job Start 7/20/2019 | 5. Job End 7/20/2019 | 6. List Returned 7/20/2019 |
| 7. Customer PAF ID FBCW511140990LP0ZK | 8. Customer Company MCH Strategic Data Inc. HOUSE | 9. Licensee Company Satori Software, Inc. |
| 10. Broker/Agent PAF ID FBCW511140V9ZNLU | 11. Broker/Agent Company MCH Strategic Data Inc | 12. List Name NCOA |

B. Processing Options

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

C. Address Correction Statistics

| | | |
|-------------------------------|---------------------------|----------------------------|
| 1. Total Processed 5210547 | 2. Total Errors 45433 | 3. ZIP+4 Coded 5165114 |
| 4. DPV Coded 5165114 | 5. LACSLink Matched 31 | 6. SuiteLink Matched 23 |

D. NCOA^{Link} Statistics

| | | |
|--|------------------------------------|-------------------------------------|
| 1. NCOA ^{Link} Processed 5165114 | 2. Total Matches 143864 | 3. No Match Found 5021250 |
| 4. New Address Returned 135504 | 5. New Address Unavailable 8360 | 6. ANK ^{Link} Matched 0 |

Match Found - New Address Provided

| Code | Total | Description |
|------|--------|---|
| A | 134665 | Input record matched |
| 91 | 608 | Secondary number dropped from change of address |
| 92 | 231 | Secondary number dropped from input address |

Match Found - No New Address Available

| Code | Total | Description |
|------|-------|------------------------------|
| 1 | 23 | Foreign move |
| 2 | 1610 | Move Left No Address |
| 3 | 483 | PO Box Closed, no forwarding |

Match Found - Unable to Provide New Address

| Code | Total | Description |
|------|-------|--|
| 5 | 40 | New 11-digit DPBC is ambiguous |
| 14 | 108 | New address would not convert to deliverable |
| 19 | 6096 | 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 | 70903 | 37468 | 12133 | 2315 | 12685 |
| 1, 2, 3 | 515 | 550 | 261 | 151 | 639 |
| 5, 14, 19 | 5073 | 762 | 153 | 52 | 204 |

No Match Found

| Code | Total | Description |
|------|---------|---|
| 0 | 5008865 | No move found |
| 4 | 121 | Street Address missing secondary |
| 6 | 1 | Conflicting directions, middle name related |
| 7 | 0 | Conflicting directions, gender related |
| 8 | 6 | Other conflicting instructions |
| 9 | 23 | High-rise default |
| 10 | 0 | Rural route default |
| 11 | 0 | Individual, Insufficient Name for match |
| 12 | 193 | Middle name test failed |
| 13 | 80 | Gender test failed |
| 15 | 3 | Individual name insufficient |
| 16 | 179 | Secondary number discrepancy |
| 17 | 71 | Other insufficient name |
| 18 | 0 | General delivery |
| 20 | 0 | Conflicting directions after re-chaining |
| 66 | 11708 | Address deleted, no forwarding allowed |

Move Type

| Code | Total | Description |
|------|-------|-------------|
| I | 87767 | Individual |
| F | 40128 | Family |
| B | 15969 | Business |

Satori Software, Inc.
1301 5th Ave Ste 1300
Seattle, WA 98101-2645
Ph: (206) 357-2900
Fax: (206) 357-2901