

 [COMPANY LOGO]

Job: 19311
Date: 08/20/2004
Client: E-COMMERCE

APPENDIX

Record Layout - Fixed Fielded File

* CASS™ * NCOALink™ * DPV™ *

We have added 724 positions to your original input. The new record size is 989.

The 'Final Address' appendage represents the result of the last process that updated or standardized your address. If we were unable to ZIP + 4[®] code the input address, the 'Final Address' will contain our best effort at standardizing the original address. However, if the ZIP + 4[®] code is blank, always use your original address fields. In these cases, the address standardization process may be unable to recognize all the address elements, and therefore may not return a complete standardized address.

When a change has occurred, the new address information will also be found in the 'New' fields. (If no change, these fields are blank). In the 'Standard' address fields is address information that met the standardization criteria or was standardized. If the original address information could not be standardized, the original address will be in the standardized address field. However, if the ZIP + 4[®] code is blank, always use your original address fields. In these cases the address standardization process may be unable to recognize all the address elements, and therefore may not return a complete standardized address.

Please take extreme caution in comparing and matching your job number, file description, as well as the enclosed layout and your original dump and layout. We have checked the work, but recommend that you check it as well.

LIABILITY NOTICE

Anchor shall not be liable to client for the complete accuracy of all data examined and/or altered, nor from any loss or injury arising out of or caused, in whole or in part, by Anchor's negligent acts or omissions in procuring, compiling, collecting, processing, communicating, or delivering the data mentioned herein, directly or indirectly to client. Anchor's sole liability and client's sole remedy, regardless of the form of legal action taken by client, whether in tort or contract, shall not exceed the refund of the amounts, if any, paid by client. Client agrees Anchor shall not be liable for lost profits or any indirect, incidental, special, or consequential damages, even if advised of the possibility of such damages.

The aforementioned paragraph is extracted from the terms and conditions in the 'Processing Acknowledgement Form' that must be signed by all clients prior to the commencement of services. By signing that form the client acknowledges and accepts all the terms and conditions stated therein. Anchor may modify any or all terms and conditions of service by posting any such changes on its web site at www.anchorcomputer.com.

Thank you for your business
If you have any questions, please contact our client services department:
631-293-6100
888-728-6262
E@anchorcomputer.com



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Record Layout - Fixed Fielded File (cont'd)

<u>FIELD DESCRIPTION</u>	<u>LENGTH</u>	<u>POSITIONS</u>
Original input record	265	001 - 265
Anchor Job Number	03	266 - 268
Anchor Sequence Number	09	269 - 277
Reserved	04	278 - 281
Reserved	01	282 - 282
City (Confirmed / Corrected)	15	283 - 297
State (Confirmed / Corrected)	02	298 - 299
ZIP Code [®] (Confirmed / Corrected)	05	300 - 304
ZIP + 4 [®] Code	04	305 - 308
Delivery Point Barcode	03	309 - 311
Car-rt Code	04	312 - 315
Zip Correction Action Code	01	316 - 316

CodeKey: A - The ZIP Code[®] was altered
 B - No match was available and original ZIP Code[®] was invalid
 C - The original ZIP Code[®] was confirmed
 O - The original ZIP Code[®] was kept because no address match was found

Anchor COA Index	01	317 - 317
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CodeKey: 1 - Moved, New Address Provided, Action code Equals to I, or M, or O
 2 - Did Not Match NCOA^{Link™} Database, Action code Equals to C
 3 - Probably Not Moved, Action code Equals to B with Footnotes other than those listed for COA Index 4
 4 - Probably Moved, Action code Equals to B and Footnotes are 11, 15, or 16
 5 - Moved, No Forwarding Address Provided, Action code Equals to F, or G, or K, or P

The use of these Anchor generated fields is described in detail in Anchor's NCOA^{Link™} user manual.

Address Type Code	01	318 - 318
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CodeKey: F - Firm Delivery S - Street Address
 R - Rural Route or Hwy Contract P - PO Box
 G - General Delivery Blank - No Match Determined
 H - High Rise

Action Code	01	319 - 319
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CodeKey: B - Possible Mover, See Footnotes K - No Forwarding Address
 C - No Match O - Business Move
 I - Individual New Address G - P.O. Box Closed
 F - Foreign Move P - Moved, Primary Address Unconfirmed
 M - Family Move



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ADDRESS STANDARDIZATION:

<u>FIELD DESCRIPTION</u>	<u>LENGTH</u>	<u>POSITIONS</u>
ADDRESS FIELDS		
Street Address	50	320 - 369
Secondary Address	08	370 - 377
Secondary Address Designator (see last pg)	04	378 - 381
Urbanization	28	382 - 409
Reserved	02	410 - 411
Private Mailbox	12	412 - 423
FOOTNOTE FIELDS		
City/State Corrected ('B' = Yes / blank otherwise)	01	424 - 424
Secondary Number Missing ('H' = Yes / blank otherwise)	01	425 - 425
Delivery Address Component, add/delete/change ('L' = Yes / blank otherwise)	01	426 - 426
Street Name Spelling Changed ('M' = Yes / blank otherwise)	01	427 - 427
Delivery Address Standardized ('N' = Yes / blank otherwise)	01	428 - 428
Invalid Secondary Number ('S' = Yes / blank otherwise)	01	429 - 429
LACS Indicator ('L' = Yes / blank otherwise)	01	430 - 430
Reserved	01	431 - 431



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APPENDIX

Record Layout - Fixed Fielded File (cont'd)

NCOA^{LinkTM}.

<u>FIELD DESCRIPTION</u>	<u>LENGTH</u>	<u>POSITIONS</u>
NEW NCOA^{LinkTM} ADDRESS		
Street Address	50	432 - 481
Secondary Address Number	08	482 - 489
Secondary Address Designator (see last pg)	04	490 - 493
New Urbanization	28	494 - 521
Reserved	14	522 - 535
Reserved	04	536 - 539
Reserved	01	540 - 540
Reserved	03	541 - 543
New city name **	13	544 - 556
Reserved	02	557 - 558
New state (Abbreviated)	02	559 - 560
New ZIP Code [®]	05	561 - 565
New ZIP + 4 [®]	04	566 - 569
New Delivery Point Barcode	03	570 - 572
New Corrected Carrier Route Code	04	573 - 576
Effective date of move (YYYYMM)	06	577 - 582
Type of Move	01	583 - 583
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> CodeKey: I - Individual Move F - Family Move B - Business Move </div>		
Match Footnotes (see next pg)	02	584 - 585
Name Used For Match (Business or individual, only present on match)	40	586 - 625
Reserved	10	626 - 635

** The Postal Service only provides a 13 character city field which may represent a standardized abbreviated version.



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NCOALINK FOOTNOTE DESCRIPTIONS

FORWARDABLE MOVERS

- A - COA Match, New Address Is furnished
- 91 - COA Match, Secondary Number Dropped From COA
- 92 - COA Match, Secondary Number Dropped From Input Address

NON-FORWARDABLE MOVERS

- 01 - Found COA, Foreign Move
- 02 - Found COA, Moved Left No Address
- 03 - Found COA, Box Closed No Order
- 05 - Found COA, New 11-digit DPBC Is Ambiguous
- 14 - Found COA, New Address Would Not Convert At Run Time
- 19 - Cannot Match COA, New Address Not ZIP + 4[®] Codeable

POSSIBLE MOVERS

- 04 - Found COA, Family Match, Street Address with Secondary
- 06 - Cannot Match COA, Conflicting Directions, Middle Name Related
- 07 - Cannot Match COA, Conflicting Directions, Gender Related
- 08 - Cannot Match COA, Other Conflicting Directions
- 09 - Cannot Match COA, Family Match, High Rise Default
- 10 - Cannot Match COA, Family Match, Rural Default
- 11 - Cannot Match COA, Individual Match, Insufficient COA Name For Match
- 12 - Cannot Match COA, Middle Name Test Failed
- 13 - Cannot Match COA, Gender Test Failed
- 15 - Cannot Match COA, Individual Name Insufficient
- 16 - Cannot Match COA, Secondary Number Discrepancy
- 17 - Cannot Match COA, Other Insufficient Name
- 18 - Cannot Match COA, Family Match, General Delivery
- 20 - Cannot Match COA, Conflicting Directions After Re-chaining

MISCELLANEOUS FOOTNOTES

- 00 - No Match
- 66 - Match to Daily Deletes File



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DPV™

<u>FIELD DESCRIPTION</u>	<u>CODE</u>	<u>LENGTH</u>	<u>POSITIONS</u>
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DPV™:

Matched to ZIP + 4® Record	'AA'	2	636 - 637
Non-match to ZIP + 4®	'A1'	2	638 - 639
Alias Street Name Matched to Base Street Name	'A2'	2	640 - 641
Matched to Alternate Record	'A3'	2	642 - 643
Matched to Small Town Default	'A4'	2	644 - 645
Matched to Unique ZIP™ Default	'A5'	2	646 - 647
Matched to an HDA Record	'A6'	2	648 - 649
Address Rejected due to EWS	'A7'	2	650 - 651
DPV™ Match on All Components	'BB'	2	652 - 653
No DPV™ Match on Any Components	'B1'	2	654 - 655
DPV™ Match on Primary Number but Not Secondary	'CC'	2	656 - 657
Corrected City Name and/or State Info	'D'	1	658 - 658
Input City Name was Non-mailing, and was corrected	'D1'	2	659 - 660
Corrected Primary Address	'E'	1	661 - 661
Corrected Primary Address Component	'E1'	2	662 - 663
Corrected Primary Street Name	'E2'	2	664 - 665
Primary Address Standardized	'E3'	2	666 - 667
Corrected Secondary Address Data	'F'	1	668 - 668
Out of Range Alias Match	'G4'	2	669 - 670
ZIP Code® Changed	'H'	1	671 - 671
ZIP Code® Added	'H1'	2	672 - 673
Failed to Match Last Line of Address	'J'	1	674 - 674
Multiple-match in Primary Address Field	'K'	1	675 - 675
Multiple-match due to Missing or Incorrect Directionals	'K1'	2	676 - 677
Multiple-match due to Missing or Incorrect Suffix	'K2'	2	678 - 679
Multiple-match in Secondary Address Field	'L'	1	680 - 680
Missing Street Number	'M1'	2	681 - 682
Address Not Found	'M2'	2	683 - 684
No Such Primary Number	'M3'	2	685 - 686

Firm Name Not Matched	'M4'	2	687 - 688
Missing Secondary Address Number on High-rise Match	'N1'	2	689 - 690
Secondary Number Not Found	'N2'	2	691 - 692

(DPVTM continued next page)



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<u>FIELD DESCRIPTION</u>	<u>CODE</u>	<u>LENGTH</u>	<u>POSITIONS</u>
DPVTM: <i>(continued)</i>			
Missing RR/HC Box Number	'P1'	2	693 - 694
RR/HC Box Number Not Found	'P2'	2	695 - 696
Missing PO Box Number	'Q1'	2	697 - 698
PO Box Number Not Found	'Q2'	2	699 - 700
DPV TM -CMRA Match	'RR'	2	701 - 702
DPV TM -CMRA, No Secondary Match	'R1'	2	703 - 704
ZIPMOVE Match	'Z0'	2	705 - 706
ZIPMOVE Non-match due to Component Change	'Z1'	2	707 - 708
ZIPMOVE Non-match due to Invalid New ZIP + 4 [®]	'Z2'	2	709 - 710
DPV TM Match Code (Y = DPV TM Match)	'Y'	1	711 - 711
Invalid RR/ HC/ PO BOX Number	'P3'	2	712 - 713
Reserved		7	714 - 720
DSF² TM: <i>(option not selected, DSF² TM positions will remain blank)</i>			
DSF ² TM Residential Flag	'Y'	1	721 - 721
DSF ² TM Business Flag	'Y'	1	722 - 722
DSF ² TM Drop Flag	'Y'	1	723 - 723
DSF ² TM Drop Count		6	724 - 729
DSF ² TM Throwback Flag	'Y'	1	730 - 730
DSF ² TM Seasonal Flag	'Y'	1	731 - 731
DSF ² TM Vacant Flag	'Y'	1	732 - 732
DSF ² TM Delivery Type Code		1	733 - 733
CodeKey: 1 - Curb 2 - NDCBU 3 - Central 4 - Doorslot			
DSF ² TM LACS Flag	'Y'	1	734 - 734
DSF ² TM No-Stats-Available Flag	'Y'	1	735 - 735
Anchor Deliverability Index Score		2	736 - 737
Index Score: 1 - Footnote 'BB' or 'CC' matched (as well as 'AA'). 1V - Footnote 'BB' or 'CC' matched (as well as 'AA'), but Vacant. For DSF ² TM only. 1S - Footnote 'BB' or 'CC' matched (as well as 'AA'), but Seasonal. For DSF ² TM only. 1R - Footnote 'BB' or 'CC' matched (as well as 'AA', 'RR', 'R1'). Address is CMRA. 2 - Footnote 'AA' matched (but did not match to 'BB' or 'CC'). 3 - Footnote 'A1', and possibly footnotes not represented within criteria for scores '4' or '5'. 4 - Footnote 'A1', as well as one of footnotes 'K1', 'K2'. 5 - Footnote 'A1', as well as one of footnotes 'J', 'K', 'M1', 'M2', 'Q1', 'Q2', 'Z1', 'Z2'.			



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<u>FIELD DESCRIPTION</u>	<u>CODE</u>	<u>LENGTH</u>	<u>POSITIONS</u>
DPVTM: (continued)			
DSF² TM Delivery Type Summary Code		2	738 - 739
Summary Code: A - Residential Delivery Curb AV - Residential Delivery Curb - Vacant B - Residential Delivery NDCBU BV - Residential Delivery NDCBU - Vacant C - Residential Delivery Central CV - Residential Delivery Central - Vacant D - Residential Delivery Doorslot DV - Residential Delivery Doorslot - Vacant E - Residential Delivery Unknown Delivery Type EV - Residential Delivery Unknown Delivery Type - Vacant I - Business Delivery Curb IV - Business Delivery Curb - Vacant J - Business Delivery NDCBU JV - Business Delivery NDCBU - Vacant K - Business Delivery Central KV - Business Delivery Central - Vacant L - Business Delivery Doorslot LV - Business Delivery Doorslot - Vacant M - Business Delivery Unknown Delivery Type MV - Business Delivery Unknown Delivery Type - Vacant			
Reserved		8	740 - 747
Pseudo Delivery Sequence Number		4	748 - 751
Address Unit Type		1	752 - 752
Unit Type: B - Business C - CMRA S - SFDU M - MFDU U - Unknown			
ZIP + 4[®] Related:			
Record Type Code		1	753 - 753
CodeKey: S - Street H - Highrise P - PO Box G - General Delivery R - Rural Route or Highway Contract			
County Code		3	754 - 756
Congressional District Number		2	757 - 758



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Record Layout - Fixed Fielded File (cont'd)

FINAL ADDRESS:

<u>FIELD DESCRIPTION</u>	<u>LENGTH</u>	<u>POSITIONS</u>
Full Address	50	759 - 808
House Number	10	809 - 818
PreDirection	2	819 - 820
Street Name	28	821 - 848
Street Suffix	4	849 - 852
PostDirection	2	853 - 854
Secondary Address Designator (see last pg)	4	855 - 858
Secondary Address Value	8	859 - 866
PO Box Description	6	867 - 872
PO Number	10	873 - 882
RR/HC Number	10	883 - 892
RR/HC Box	10	893 - 902
City	13	903 - 915
State	2	916 - 917
ZIP Code [®]	5	918 - 922
ZIP + 4 [®] Code	4	923 - 926
Delivery Point Barcode	3	927 - 929
Carrier Route	4	930 - 933
Reserved	4	934 - 937
Reserved	1	938 - 938
Urbanization	28	939 - 966
Private Mailbox Number	12	967 - 978
Reserved	1	979 - 979
Reserved	9	980 - 988
Secondary Address Indicator*	1	989 - 989

** If set to 'X', to avoid truncation of the Secondary Address, the Secondary Address has not been appended to the Full Address field. In this case, the Secondary Address can be obtained from the Secondary Address Designator, and Secondary Address Value fields.*



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SECONDARY ADDRESS DESIGNATOR DESCRIPTIONS

<u>Abbreviation</u>	<u>Descriptor</u>	<u>Abbreviation</u>	<u>Descriptor</u>
APT	Apartment	PIER	Pier
BSMT	Basement	REAR	Rear
BLDG	Building	RM	Room
DEPT	Department	SIDE	Side
FL	Floor	SLIP	Slip
FRNT	Front	STOP	Stop
HNGR	Hanger	STE	Suite
LBBY	Lobby	TRLR	Trailer
LOT	Lot	UNIT	Unit
LOWR	Lower	#	Unknown
OFC	Office	UPPR	Upper
PH	Penthouse		