

NCOA^{Link}® Monthly Reporting

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Document Information

This document provides a master document for the USPS® NCOALink® Product Reporting Requirements.

The first portion of this document contains current cycle (Cycle N) reporting requirements.

These layouts will no longer be acceptable with the OCTOBER 2022 Reports to be submitted the first week of November.

The second portion of this document contains upcoming cycle (Cycle O) reporting requirements.

These layouts are required to be implemented for the OCTOBER 2022 Reports to be submitted the first week of November.

CYCLE N General Reporting Guidelines

All reports are submitted monthly by the 7th of each month for the preceding month

For example reporting of June processing is submitted by July 7th; these are the June reports

Reports should be based on the Date NCOA^{Link}® Processing is completed (position 55-72 in the CSL)

Reports are generated based on the Platform ID

Report File Naming Convention:

Report	LTR	ALPHA PLAT	1 Character Month	2 DIG YEAR	EXTENSION
CSL	C	PLAT	M	YY	.DAT
PAF	P	PLAT	M	YY	.DAT
BALA	B	PLAT	M	YY	.DAT

Reports should be submitted in a compressed file format by Platform ID.

ALPHA PLAT	1 Character Month	2 DIG YEAR	EXTENSION
PLAT	M	YY	.ZIP

The USPS® will be extracting the file using WinZip® 9.0.

All Service Provider Licensees are required to submit 3 reports per Platform ID

All End User Licensees are required to submit 1 report per Platform ID

All Mail Processing Equipment (MPE) Service Providers are required to submit 2 reports per Platform ID.

NOTE: For file naming purposes only MPE licensees should utilize the appropriate ASCII numeric when the special character cannot be used in the file name.

The three (3) reports in the NCOA^{Link} Licensing Structure are:

- CSL – Customer Service Log. This report is submitted by all Service Providers and End User Mailers.
- PAF – Processing Acknowledgement Report. This report is submitted monthly by all Service Providers.
- BALA – Broker-Agent/List Administrator. This report is submitted monthly by all Service Providers.

Data Types are defined in the column COBOL.

Numeric fields are defined as PIC 9(Y). Numeric fields should be right justified; zero filled.

Alphanumeric fields are defined as PIC X(Y). Alphanumeric fields should be left justified space filled.

Fields identified as filler should be space filled.

Date fields are numeric and should be populated in the following format: CCYYMMDD (i.e. January 5, 2008 would be 20080105)

CYCLE N NCOA^{Link}® Monthly Customer Service Log (CSL)

NCOA ^{Link} CSL Header Record Layout								
Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	EUM Header	MPE Header
1	4	LICENSEE PLATFORM ID	4	PIC X(4)	Yes	Yes	Yes	Yes
5	18	NUMBER OF RECORDS	14	PIC 9(14)	Yes	Yes	Yes	Yes
19	70	FILLER	52	PIC X(52)	Filler	Filler	Filler	Filler
Processing Statistics Summary								
71	81	TOTAL NUMBER OF RECORDS PROCESSED	11	PIC 9(11)	Yes	Yes	Yes	Yes
82	92	TOTAL NUMBER OF NCOA ^{Link} QUERIES PERFORMED	11	PIC 9(11)	Yes	Yes	Yes	Yes
93	103	TOTAL NUMBER OF RECORDS MATCHED	11	PIC 9(11)	Yes	Yes	Yes	Yes
104	114	TOTAL NUMBER OF MATCHES REJECTED	11	PIC 9(11)	Yes	Yes	Yes	Yes
115	125	TOTAL NUMBER OF RECORDS Matched to ZIP + 4 [®] File (Should equal total DPV RESPONSE: AA)	11	PIC 9(11)	Yes	Yes	Yes	Opt
126	136	TOTAL NUMBER OF RECORDS DPV [®] CONFIRMED (Sum of DPV Return Code: Y, S, and D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
137	286	FILLER	150	PIC X(150)	Filler	Filler	Filler	Filler
ZIP + 4 File Match Statistics								
287	297	ZIP + 4 File: Total matched to PO Box	11	PIC 9(11)	Yes	Yes	Yes	Opt
298	308	ZIP + 4 File: Total matched to HCR Exact	11	PIC 9(11)	Yes	Yes	Yes	Opt
309	319	ZIP + 4 File: Total matched to RR Default	11	PIC 9(11)	Yes	Yes	Yes	Opt
320	330	ZIP + 4 File: Total matched to Firm	11	PIC 9(11)	Yes	Yes	Yes	Opt
331	341	ZIP + 4 File: Total matched to General Del	11	PIC 9(11)	Yes	Yes	Yes	Opt
342	352	ZIP + 4 File: Total matched to Highrise Default	11	PIC 9(11)	Yes	Yes	Yes	Opt
353	363	ZIP + 4 File: Total matched to Military	11	PIC 9(11)	Yes	Yes	Yes	Opt
364	374	ZIP + 4 File: Total matched to Non-Deliverable	11	PIC 9(11)	Yes	Yes	Yes	Opt
375	385	ZIP + 4 File: Total matched to RR Exact	11	PIC 9(11)	Yes	Yes	Yes	Opt
386	396	ZIP + 4 File: Total matched to Street	11	PIC 9(11)	Yes	Yes	Yes	Opt
397	407	ZIP + 4 File: Total matched to HCR Default	11	PIC 9(11)	Yes	Yes	Yes	Opt
408	418	ZIP + 4 File: Total matched to Highrise Exact	11	PIC 9(11)	Yes	Yes	Yes	Opt
419	429	ZIP + 4 File: Total matched to Other	11	PIC 9(11)	Yes	Yes	Yes	Opt
430	440	ZIP + 4 File: Total matched to Pos LACS	11	PIC 9(11)	Yes	Yes	Yes	Opt
441	451	EWS File: Total matched to EWS	11	PIC 9(11)	Yes	Yes	Yes	Opt
New Address Provided by NCOA^{Link}								
452	462	A – Match	11	PIC 9(11)	Yes	Yes	Yes	Yes
463	473	91 – Match with Secondary Number Dropped on COA (Old Side)	11	PIC 9(11)	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	EUM Header	MPE Header
474	484	92 – Match with Secondary Number Dropped on Input	11	PIC 9(11)	Yes	Yes	Yes	Yes
From NCOA^{Link} File Build								
485	495	01 – Match – Foreign Move	11	PIC 9(11)	Yes	Yes	Yes	Yes
496	506	02 – Match – Moved Left No Address	11	PIC 9(11)	Yes	Yes	Yes	Yes
507	517	03 – Match – PO Box Closed	11	PIC 9(11)	Yes	Yes	Yes	Yes
518	528	04 – No Match – Family move from Street Address w/Secondary	11	PIC 9(11)	Yes	Yes	Yes	Yes
529	539	05 – Match – New 11 digit DPBC is ambiguous	11	PIC 9(11)	Yes	Yes	Yes	Yes
540	550	06 – No Match – Middle Name Related	11	PIC 9(11)	Yes	Yes	Yes	Yes
551	561	07 – No Match – Gender Related	11	PIC 9(11)	Yes	Yes	Yes	Yes
562	572	08 – No Match – Conflicting Instructions	11	PIC 9(11)	Yes	Yes	Yes	Yes
573	583	09 – No Match – Family move from Highrise default	11	PIC 9(11)	Yes	Yes	Yes	Yes
584	594	10 – No Match – Family move from Rural/HC Route default	11	PIC 9(11)	Yes	Yes	Yes	Yes
595	605	11 – No Match – Individual move – Insufficient name data	11	PIC 9(11)	Yes	Yes	Yes	Yes
606	616	18 – No Match – Family move from General Delivery	11	PIC 9(11)	Yes	Yes	Yes	Yes
617	627	19 – Match – New Address not ZIP + 4 codeable	11	PIC 9(11)	Yes	Yes	Yes	Yes
628	638	20 – No Match – Multiple Response – Conflicting Directions	11	PIC 9(11)	Yes	Yes	Yes	Yes
From NCOA^{Link} File Run								
639	649	12 – No Match – Middle Name test failed	11	PIC 9(11)	Yes	Yes	Yes	Yes
650	660	13 – No Match – Gender test failed	11	PIC 9(11)	Yes	Yes	Yes	Yes
661	671	14 – Match – New Address would not convert	11	PIC 9(11)	Yes	Yes	Yes	Yes
672	682	15 – No Match – Individual Name insufficient on input to match	11	PIC 9(11)	Yes	Yes	Yes	Yes
683	693	16 – No Match – Secondary Number discrepancy	11	PIC 9(11)	Yes	Yes	Yes	Yes
694	704	17 – No Match – Different First Name	11	PIC 9(11)	Yes	Yes	Yes	Yes
From “Daily Delete” Process								
705	715	66 – No Match – Input Address appears in “Daily Delete” suppression file	11	PIC 9(11)	Yes	Yes	Yes	Yes
Footnote from DPV[®] Processing of Input Addresses								
716	726	AA – ZIP + 4[®] File Match.	11	PIC 9(11)	Yes	Yes	Yes	Opt
727	737	A1 – ZIP + 4 File No Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
738	748	M1 – Primary Number missing	11	PIC 9(11)	Yes	Yes	Yes	Opt
749	759	M3 – Primary Number invalid	11	PIC 9(11)	Yes	Yes	Yes	Opt
760	770	P1 – Missing PO, RR or HC Box number	11	PIC 9(11)	Yes	Yes	Yes	Opt
771	781	P3 – Invalid PO, RR or HC Box number	11	PIC 9(11)	Yes	Yes	Yes	Opt
782	792	BB – DPV matched (all components)	11	PIC 9(11)	Yes	Yes	Yes	Opt
793	803	RR – DPV matched to CMRA	11	PIC 9(11)	Yes	Yes	Yes	Opt
804	814	CC – Primary Number Match – Secondary present but invalid	11	PIC 9(11)	Yes	Yes	Yes	Opt
815	825	N1 – Primary Number Match – Secondary missing	11	PIC 9(11)	Yes	Yes	Yes	Opt

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	EUM Header	MPE Header
826	836	R1 – DPV [®] matched to CMRA – PMB number not present	11	PIC 9(11)	Yes	Yes	Yes	Opt
Move Activity Summary								
837	847	ADDRESSES MATCHED MONTH 0	11	PIC 9(11)	Yes	Yes	Yes	Yes
848	858	ADDRESSES MATCHED MONTH 1	11	PIC 9(11)	Yes	Yes	Yes	Yes
859	869	ADDRESSES MATCHED MONTH 2	11	PIC 9(11)	Yes	Yes	Yes	Yes
870	880	ADDRESSES MATCHED MONTH 3	11	PIC 9(11)	Yes	Yes	Yes	Yes
881	891	ADDRESSES MATCHED MONTH 4	11	PIC 9(11)	Yes	Yes	Yes	Yes
892	902	ADDRESSES MATCHED MONTH 5	11	PIC 9(11)	Yes	Yes	Yes	Yes
903	913	ADDRESSES MATCHED MONTH 6	11	PIC 9(11)	Yes	Yes	Yes	Yes
914	924	ADDRESSES MATCHED MONTH 7	11	PIC 9(11)	Yes	Yes	Yes	Yes
925	935	ADDRESSES MATCHED MONTH 8	11	PIC 9(11)	Yes	Yes	Yes	Yes
936	946	ADDRESSES MATCHED MONTH 9	11	PIC 9(11)	Yes	Yes	Yes	Yes
947	957	ADDRESSES MATCHED MONTH 10	11	PIC 9(11)	Yes	Yes	Yes	Yes
958	968	ADDRESSES MATCHED MONTH 11	11	PIC 9(11)	Yes	Yes	Yes	Yes
969	979	ADDRESSES MATCHED MONTH 12	11	PIC 9(11)	Yes	Yes	Yes	Yes
980	990	ADDRESSES MATCHED MONTH 13	11	PIC 9(11)	Yes	Yes	Yes	Yes
991	1001	ADDRESSES MATCHED MONTH 14	11	PIC 9(11)	Yes	Yes	Yes	Yes
1002	1012	ADDRESSES MATCHED MONTH 15	11	PIC 9(11)	Yes	Yes	Yes	Yes
1013	1023	ADDRESSES MATCHED MONTH 16	11	PIC 9(11)	Yes	Yes	Yes	Yes
1024	1034	ADDRESSES MATCHED MONTH 17	11	PIC 9(11)	Yes	Yes	Yes	Yes
1035	1045	ADDRESSES MATCHED MONTH 18	11	PIC 9(11)	Yes	Yes	Yes	Yes
1046	1056	ADDRESSES MATCHED MONTH 19	11	PIC 9(11)	Yes	Yes	Yes	Yes
1057	1067	ADDRESSES MATCHED MONTH 20	11	PIC 9(11)	Yes	Yes	Yes	Yes
1068	1078	ADDRESSES MATCHED MONTH 21	11	PIC 9(11)	Yes	Yes	Yes	Yes
1079	1089	ADDRESSES MATCHED MONTH 22	11	PIC 9(11)	Yes	Yes	Yes	Yes
1090	1100	ADDRESSES MATCHED MONTH 23	11	PIC 9(11)	Yes	Yes	Yes	Yes
1101	1111	ADDRESSES MATCHED MONTH 24	11	PIC 9(11)	Yes	Yes	Yes	Yes
1112	1122	ADDRESSES MATCHED MONTH 25	11	PIC 9(11)	Yes	Yes	Yes	Yes
1123	1133	ADDRESSES MATCHED MONTH 26	11	PIC 9(11)	Yes	Yes	Yes	Yes
1134	1144	ADDRESSES MATCHED MONTH 27	11	PIC 9(11)	Yes	Yes	Yes	Yes
1145	1155	ADDRESSES MATCHED MONTH 28	11	PIC 9(11)	Yes	Yes	Yes	Yes
1156	1166	ADDRESSES MATCHED MONTH 29	11	PIC 9(11)	Yes	Yes	Yes	Yes
1167	1177	ADDRESSES MATCHED MONTH 30	11	PIC 9(11)	Yes	Yes	Yes	Yes
1178	1188	ADDRESSES MATCHED MONTH 31	11	PIC 9(11)	Yes	Yes	Yes	Yes
1189	1199	ADDRESSES MATCHED MONTH 32	11	PIC 9(11)	Yes	Yes	Yes	Yes
1200	1210	ADDRESSES MATCHED MONTH 33	11	PIC 9(11)	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	EUM Header	MPE Header
1211	1221	ADDRESSES MATCHED MONTH 34	11	PIC 9(11)	Yes	Yes	Yes	Yes
1222	1232	ADDRESSES MATCHED MONTH 35	11	PIC 9(11)	Yes	Yes	Yes	Yes
1233	1243	ADDRESSES MATCHED MONTH 36	11	PIC 9(11)	Yes	Yes	Yes	Yes
1244	1254	ADDRESSES MATCHED MONTH 37	11	PIC 9(11)	Yes	Yes	Yes	Yes
1255	1265	ADDRESSES MATCHED MONTH 38	11	PIC 9(11)	Yes	Yes	Yes	Yes
1266	1276	ADDRESSES MATCHED MONTH 39	11	PIC 9(11)	Yes	Yes	Yes	Yes
1277	1287	ADDRESSES MATCHED MONTH 40	11	PIC 9(11)	Yes	Yes	Yes	Yes
1288	1298	ADDRESSES MATCHED MONTH 41	11	PIC 9(11)	Yes	Yes	Yes	Yes
1299	1309	ADDRESSES MATCHED MONTH 42	11	PIC 9(11)	Yes	Yes	Yes	Yes
1310	1320	ADDRESSES MATCHED MONTH 43	11	PIC 9(11)	Yes	Yes	Yes	Yes
1321	1331	ADDRESSES MATCHED MONTH 44	11	PIC 9(11)	Yes	Yes	Yes	Yes
1332	1342	ADDRESSES MATCHED MONTH 45	11	PIC 9(11)	Yes	Yes	Yes	Yes
1343	1353	ADDRESSES MATCHED MONTH 46	11	PIC 9(11)	Yes	Yes	Yes	Yes
1354	1364	ADDRESSES MATCHED MONTH 47	11	PIC 9(11)	Yes	Yes	Yes	Yes
1365	1375	ADDRESSES MATCHED MONTH 48	11	PIC 9(11)	Yes	Yes	Yes	Yes
1376	1452	FILLER	77	PIC X(77)	Filler	Filler	Filler	Filler
DPV® Statistics based on ZIP + 4® File Record Type								
1453	1463	ZIP + 4 File: Street (S) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1464	1474	CMRA Presented	11	PIC 9(11)	Yes	Yes	Yes	Opt
1475	1485	CMRA Validated	11	PIC 9(11)	Yes	Yes	Yes	Opt
1486	1496	ZIP + 4 File: High Rise (H) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1497	1507	CMRA Presented	11	PIC 9(11)	Yes	Yes	Yes	Opt
1508	1518	CMRA Validated	11	PIC 9(11)	Yes	Yes	Yes	Opt
1519	1529	ZIP + 4 File: PO Box (P) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1530	1540	ZIP + 4 File: RR/HC (R) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1541	1551	CMRA Presented	11	PIC 9(11)	Yes	Yes	Yes	Opt
1552	1562	CMRA Validated	11	PIC 9(11)	Yes	Yes	Yes	Opt
1563	1573	ZIP + 4 File: Firm (F) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1574	1584	CMRA Presented	11	PIC 9(11)	Yes	Yes	Yes	Opt
1585	1595	CMRA Validated	11	PIC 9(11)	Yes	Yes	Yes	Opt
1596	1606	ZIP + 4 File: General Delivery (G) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1607	1617	Total Primary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	EUM Header	MPE Header
1618	1672	FILLER	55	PIC 9(55)	Filler	Filler	Filler	Filler
1673	1683	Total Secondary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
1684	1694	Street (S) Records with Secondary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
1695	1705	High Rise (H) Records with Secondary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
1706	1716	Firm (F) Records with Secondary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
1717	1766	FILLER	50	PIC X(50)	Filler	Filler	Filler	Filler
LACS^{Link}™ Return Codes								
1767	1777	A – LACS Record Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
1778	1788	00 – No Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
1789	1799	14 – Match – Found LACS Record – New Address would not convert	11	PIC 9(11)	Yes	Yes	Yes	Opt
1800	1810	92 – Match with Secondary Number Dropped on Input	11	PIC 9(11)	Yes	Yes	Yes	Opt
From DPV[®] Processing of Input Addresses – Additional Footnote Codes								
1811	1821	F1 – Military	11	PIC 9(11)	Yes	Yes	Yes	Opt
1822	1832	U1 – Unique ZIP Code	11	PIC 9(11)	Yes	Yes	Yes	Opt
1833	1843	G1 – General Delivery	11	PIC 9(11)	Yes	Yes	Yes	Opt
From NCOA^{Link} File Run – Additional Footnote Code								
1844	1854	NL – New address not DPV confirmable with vendor software. (Required only when this code is returned to the customer)*** This field is only for list processing and should MPE Equipment develop the technology, it will become required	11	PIC 9(11)	Yes	Yes	Yes	No
ANK^{Link} and corresponding NCOA^{Link} Return Codes and Definition								
1855	1865	77 – A – Match	11	PIC 9(11)	Filler	Yes	Yes	Yes
1866	1876	77 – 91 – Match with Secondary No. Dropped on COA (Old Side)	11	PIC 9(11)	Filler	Yes	Yes	Yes
1877	1887	77 – 92 – Match with Secondary Number Dropped on Input	11	PIC 9(11)	Filler	Yes	Yes	Yes
1888	1898	77 – 01 – Match – Foreign Move	11	PIC 9(11)	Filler	Yes	Yes	Yes
1899	1909	77 – 02 – Match – Moved Left No Address	11	PIC 9(11)	Filler	Yes	Yes	Yes
1910	1920	77 – 03 – Match – PO Box Closed	11	PIC 9(11)	Filler	Yes	Yes	Yes
1921	1931	77 – 04 – No Match – Family move - Street Address w/Secondary	11	PIC 9(11)	Filler	Yes	Yes	Yes
1932	1942	77 – 05 – Match – New 11 digit DPBC is ambiguous	11	PIC 9(11)	Filler	Yes	Yes	Yes
1943	1953	77 – 06 – No Match – Middle Name Related	11	PIC 9(11)	Filler	Yes	Yes	Yes
1954	1964	77 – 07 – No Match – Gender Related	11	PIC 9(11)	Filler	Yes	Yes	Yes
1965	1975	77 – 08 – No Match – Conflicting Instructions	11	PIC 9(11)	Filler	Yes	Yes	Yes
1976	1986	77 – 09 – No Match – Family move from Highrise default	11	PIC 9(11)	Filler	Yes	Yes	Yes
1987	1997	77 – 10 – No Match – Family move from Rural/HC Route default	11	PIC 9(11)	Filler	Yes	Yes	Yes
1998	2008	77 – 11 – No Match – Individual move – Insufficient name data	11	PIC 9(11)	Filler	Yes	Yes	Yes
2009	2019	77 – 18 – No Match – Family move from General Delivery	11	PIC 9(11)	Filler	Yes	Yes	Yes
2020	2030	77 – 19 – Match – New Address not ZIP + 4 codeable	11	PIC 9(11)	Filler	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	EUM Header	MPE Header
2031	2041	77 – 20 – No Match – Multiple Response – Conflicting Directions	11	PIC 9(11)	Filler	Yes	Yes	Yes
2042	2052	77 – 12 – No Match – Middle Name test failed	11	PIC 9(11)	Filler	Yes	Yes	Yes
2053	2063	77 – 13 – No Match – Gender test failed	11	PIC 9(11)	Filler	Yes	Yes	Yes
2064	2074	77 – 14 – Match – New Address would not convert	11	PIC 9(11)	Filler	Yes	Yes	Yes
2075	2085	77 – 15 – No Match – Individual Name insufficient on input	11	PIC 9(11)	Filler	Yes	Yes	Yes
2086	2096	77 – 16 – No Match – Secondary Number discrepancy	11	PIC 9(11)	Filler	Yes	Yes	Yes
2097	2107	77 – 17 – No Match – Different First Name	11	PIC 9(11)	Filler	Yes	Yes	Yes
2108	2118	77 – 66 – No Match – Input Address appears in “Daily Delete” suppression file	11	PIC 9(11)	Filler	Yes	Yes	Yes
2119	2129	77 – Total records matched using ANKLink	11	PIC 9(11)	Filler	Yes	Yes	Yes
LACSLink Return Codes – Additional Return Code								
2130	2140	09 – LACSLink – Old Addr Highrise Default – No New Address	11	PIC 9(11)	Yes	Yes	Yes	Opt
2141	2192	FILLER	52	PIC X(52)	Filler	Filler	Filler	Filler
SUITELink Return Codes								
2193	2203	SuiteLink Return Code A – Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
2204	2214	SuiteLink Return Code 00 – No Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
NCOALink Return Codes (Continued)								
2215	2225	NCOALink Return Code 21 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2226	2236	NCOALink Return Code 22 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2237	2247	NCOALink Return Code 23 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2248	2258	NCOALink Return Code 24 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2259	2269	NCOALink Return Code 25 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2270	2280	NCOALink Return Code 26 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2281	2291	NCOALink Return Code 27 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2292	2302	NCOALink Return Code 28 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2303	2313	NCOALink Return Code 29 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2314	2324	NCOALink Return Code 30 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
ANKLink Return Codes (Continued)								
2325	2335	77 – 21 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2336	2346	77 – 22 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2347	2357	77 – 23 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2358	2368	77 – 24 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2369	2379	77 – 25 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2380	2390	77 – 26 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	EUM Header	MPE Header	
2391	2401	77 – 27 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*	
2402	2412	77 – 28 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*	
2413	2423	77 – 29 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*	
2424	2434	77 – 30 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*	
2435	2638	FILLER	204	PIC X(204)	Filler	Filler	Filler	Filler	
DPV Return Codes									
2639	2649	Count of DPV Return Code = Y -	11	PIC 9(11)	Yes	Yes	Yes	Opt	
2650	2660	Count of DPV Return Code = S -	11	PIC 9(11)	Yes	Yes	Yes	Opt	
2661	2671	Count of DPV Return Code = D -	11	PIC 9(11)	Yes	Yes	Yes	Opt	
2672	2682	Count of DPV Return Code = N -	11	PIC 9(11)	Yes	Yes	Yes	Opt	
2683	2693	Count of DPV Return Code = BLANK -	11	PIC 9(11)	Yes	Yes	Yes	Opt	
2694	2704	Count of DPV Vacant Flag = Y	11	PIC 9(11)	Yes	Yes	Yes	Opt	
2705	2715	Count of DPV CMRA Flag = Y	11	PIC 9(11)	Yes	Yes	Yes	Opt	
2716	2726	Count of DPV No Stat Flag = Y	11	PIC 9(11)	Yes	Yes	Yes	Opt	
MAS (Move Activity Summary) for the PSR (Processing Summary Report)									
2727	2737	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 0-3	11	PIC X(11)	Yes	Yes	Yes	Yes	
2738	2748	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 4-6	11	PIC X(11)	Yes	Yes	Yes	Yes	
2749	2759	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 7-12	11	PIC X(11)	Yes	Yes	Yes	Yes	
2760	2770	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 13-18	11	PIC X(11)	Yes	Yes	Yes	Yes	
2771	2781	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 19 +	11	PIC X(11)	Yes	Yes	Yes	Yes	
2782	2836	FILLER	55	PIC X(55)					
MAS (Move Activity Summary) for the PSR (Processing Summary Report) (continued)									
2837	2847	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 0-3	11	PIC X(11)	Yes	Yes	Yes	Yes	
2848	2858	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 4-6	11	PIC X(11)	Yes	Yes	Yes	Yes	
2859	2869	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 7-12	11	PIC X(11)	Yes	Yes	Yes	Yes	
2870	2880	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 13-18	11	PIC X(11)	Yes	Yes	Yes	Yes	
2881	2891	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 19 +	11	PIC X(11)	Yes	Yes	Yes	Yes	
2892	2902	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 0-3	11	PIC X(11)	Yes	Yes	Yes	Yes	
2903	2913	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 4-6	11	PIC X(11)	Yes	Yes	Yes	Yes	
2914	2924	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 7-12	11	PIC X(11)	Yes	Yes	Yes	Yes	
2925	2935	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 13-18	11	PIC X(11)	Yes	Yes	Yes	Yes	
2936	2946	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 19 +	11	PIC X(11)	Yes	Yes	Yes	Yes	
2947	2999	FILLER	53	PIC X(53)	Yes	Yes	Yes	Yes	
3000	3000	Record Type – H = Header/ D = Detail	1	PIC X(1)	Yes	Yes	Yes	Yes	
		CR/LF							
		Carriage Return/Line Feed required at end of the record.							

NCOALink® CSL Detail Record Layout

Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
1	18	PAF ID	18	PIC X(18)	Yes	Yes	Yes	Yes
		1-4 Licensee Platform ID (USPS assigned)			Yes	Yes	Yes	Yes
		5-10 List Owner NAICS Code			Yes	Yes	Yes	Yes
		11-12 Frequency of processing			Yes	Yes	Yes	Yes
		13-18 List ID (Licensee assigned)			Yes	Yes	Filler	Yes
19	28	PROCESSING CATEGORY** See Chart on page 19	10	PIC X(10)	Yes	Yes	Yes	Yes
		EMP TRAIN						
		INT DB TST						
		MKTG TEST						
		NORMAL						
		STAGE I						
		STAGE II						
		SYS TEST						
29	29	ADDITIONAL NOTES - The literal "A" in this field denotes that customer provided written request for longer processing period.	1	PIC X(1)	Yes	Yes	Filler	Yes
30	30	PRE-PROCESSES PERFORMED*	1	PIC X(1)	Yes	Yes	Filler	Filler
31	31	CONCURRENT PROCESSES*	1	PIC X(1)	Yes	Yes	Filler	Filler
32	32	POST-PROCESSES PERFORMED*	1	PIC X(1)	Yes	Yes	Filler	Filler
		N = None						
		Y = Yes but with no data modifications						
		D = Yes, data modifications from sources other than postal data						
		P = Yes, data modifications from postal data only (LACS ^{Link})						
		B = Yes, data modifications from postal and other sources						
		*These field should be filler for Mail Processing Equipment, unless data other than POSTAL data is used.						
33	33	STANDARD OUTPUT RETURNED	1	PIC X(1)	Yes	Yes	Filler	Yes
		Full and Limited Service Provider Licensees						
		Y = All NCOALink required output returned to client						
		N = Post-processes modified return information (ie: updates applied to list)						
		B = Post-processes modified information; separate file containing all required output also returned						
		End User Mailer Licensees – Filler						
		Mail Processing Equipment Licensees						
		Y = All NCOALink required output returned to client including COA Data (new addresses provided) i.e. Processing Via Returned Mailpiece – COA Data Sprayed on mailpiece						
		Z = All NCOALink required output returned to client excluding COA Data (new addresses not provided) i.e. FLATS Mode – No COA Data Sprayed on the mailpiece; mailpieces are outsorted						
		X = Nothing is returned to the customer i.e. Normal processing, active mode all mailpieces are deposited in the mailstream with no change of address information going back to the customer.						

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
34	34	MATCHING LOGIC APPLIED	1	PIC X(1)	Yes	Yes	Yes	Yes
		S = Standard (Business, Individual and Family matches allowed)						
		I = Individual only						
		B = Business only						
		C = Individual and Business only						
		R = Individual and Family only						
35	35	DATA RETURNED	1	PIC X(1)	Yes	Yes	Filler	Yes
		C = COA Data Returned (including return codes and processing statistics)						
		F = Return Codes (no COA data included; may include processing statistics; for MPE outsourced mailpieces without new address information also apply)						
		S = Statistics only (no COA data or footnotes provided) – Provision of Processing Summary Report and any counts related to the file. No specific mailpieces or address records are identified.						
		X = MPE Only – Nothing Returned – No reports, statistics, or COA Data is returned to the customer. Prior to use contact the NCSC.						
36	37	NUMBER OF MONTHS REQUESTED	2	PIC 9(2)	Yes	Yes	Yes	Yes
		By request of list owner, number of months for which COA data accepted (≥ 06)						
38	38	CLASS OF MAIL	1	PIC X(1)	Yes	Yes	Yes	Yes
		A = First-Class only						
		B = Periodicals only						
		C = Standard Mail only						
		D = Package Services only						
		E = First-Class & Periodicals						
		F = First-Class & Standard Mail						
		G = First-Class & Package Services						
		H = Periodicals & Standard Mail						
		I = Periodicals & Package Services						
		J = Standard Mail & Package Services						
		K = First-Class, Periodicals & Standard Mail						
		L = First-Class, Periodicals & Package Services						
		M = First-Class, Standard Mail & Package Services						
		N = Periodicals, Standard Mail & Package Services						
		O = First-Class, Periodical, Standard Mail, Package Services						
Processing Date Information								
39	46	DATE LIST RECEIVED FROM CUSTOMER	8	PIC 9(8)	Yes	Yes	Filler	Yes
47	54	DATE NCOA ^{Link} PROCESSING BEGAN	8	PIC 9(8)	Yes	Yes	Yes	Yes
55	62	DATE NCOA ^{Link} PROCESSING COMPLETED	8	PIC 9(8)	Yes	Yes	Yes	Yes
63	70	DATE LIST RETURNED TO CUSTOMER	8	PIC 9(8)	Yes	Yes	Filler	Yes
		Numeric. Format CCYYMMDD.						
								* MPE Only – providing these dates in a Detail Record will be reviewed in the future.

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
Processing Statistics Summary								
71	81	TOTAL NUMBER OF RECORDS PROCESSED	11	PIC 9(11)	Yes	Yes	Yes	Yes
82	92	TOTAL NUMBER OF NCOALink [®] QUERIES PERFORMED	11	PIC 9(11)	Yes	Yes	Yes	Yes
93	103	TOTAL NUMBER OF RECORDS MATCHED	11	PIC 9(11)	Yes	Yes	Yes	Yes
104	114	TOTAL NUMBER OF MATCHES REJECTED	11	PIC 9(11)	Yes	Yes	Yes	Yes
115	125	TOTAL NUMBER OF RECORDS Matched to ZIP + 4 File (Should equal total DPV RESPONSE: AA)	11	PIC 9(11)	Yes	Yes	Yes	Opt
126	136	TOTAL NUMBER OF RECORDS DPV CONFIRMED (Sum of DPV Return Code: Y, S, and D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
CASS™/MASS™ Product Information								
137	166	CASS/MASS Software Name	30	PIC X(30)	Yes	Yes	Yes	Yes
167	178	CASS/MASS Software Version	12	PIC X(12)	Yes	Yes	Yes	Yes
179	186	CASS/MASS Directory (Data) Release Date	8	PIC 9(8)	Yes	Yes	Yes	Yes
		Numeric. Format CCYYMMDD.						
NCOALink[®] Product Information								
187	216	NCOALink [®] Software Name	30	PIC X(30)	Yes	Yes	Yes	Yes
217	228	NCOALink [®] Software Version	12	PIC X(12)	Yes	Yes	Yes	Yes
229	236	NCOALink [®] Data Release Date	8	PIC 9(8)	Yes	Yes	Yes	Yes
		Numeric. Format CCYYMMDD.						
Filler (Formerly DPV Software Information)								
237	286	FILLER	50	PIC X(50)	Filler	Filler	Filler	Filler
ZIP + 4 File Match Statistics								
287	297	ZIP + 4 File: Total matched to PO Box	11	PIC 9(11)	Yes	Yes	Yes	Opt
298	308	ZIP + 4 File: Total matched to HCR Exact	11	PIC 9(11)	Yes	Yes	Yes	Opt
309	319	ZIP + 4 File: Total matched to RR Default	11	PIC 9(11)	Yes	Yes	Yes	Opt
320	330	ZIP + 4 File: Total matched to Firm	11	PIC 9(11)	Yes	Yes	Yes	Opt
331	341	ZIP + 4 File: Total matched to General Del	11	PIC 9(11)	Yes	Yes	Yes	Opt
342	352	ZIP + 4 File: Total matched to Highrise Default	11	PIC 9(11)	Yes	Yes	Yes	Opt
353	363	ZIP + 4 File: Total matched to Military	11	PIC 9(11)	Yes	Yes	Yes	Opt
364	374	ZIP + 4 File: Total matched to Non-Deliverable	11	PIC 9(11)	Yes	Yes	Yes	Opt
375	385	ZIP + 4 File: Total matched to RR Exact	11	PIC 9(11)	Yes	Yes	Yes	Opt
386	396	ZIP + 4 File: Total matched to Street	11	PIC 9(11)	Yes	Yes	Yes	Opt
397	407	ZIP + 4 File: Total matched to HCR Default	11	PIC 9(11)	Yes	Yes	Yes	Opt
408	418	ZIP + 4 File: Total matched to Highrise Exact	11	PIC 9(11)	Yes	Yes	Yes	Opt
419	429	ZIP + 4 File: Total matched to Other	11	PIC 9(11)	Yes	Yes	Yes	Opt
430	440	ZIP + 4 File: Total matched to Pos LACS	11	PIC 9(11)	Yes	Yes	Yes	Opt
441	451	EWS File: Total matched to EWS	11	PIC 9(11)	Yes	Yes	Yes	Opt

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
New Address Provided by NCOA^{Link}								
452	462	A – Match	11	PIC 9(11)	Yes	Yes	Yes	Yes
463	473	91 – Match with Secondary Number Dropped on COA (Old Side)	11	PIC 9(11)	Yes	Yes	Yes	Yes
474	484	92 – Match with Secondary Number Dropped on Input	11	PIC 9(11)	Yes	Yes	Yes	Yes
From NCOA^{Link} File Build								
485	495	01 – Match – Foreign Move	11	PIC 9(11)	Yes	Yes	Yes	Yes
496	506	02 – Match – Moved Left No Address	11	PIC 9(11)	Yes	Yes	Yes	Yes
507	517	03 – Match – PO Box Closed	11	PIC 9(11)	Yes	Yes	Yes	Yes
518	528	04 – No Match – Family move from Street Address w/Secondary	11	PIC 9(11)	Yes	Yes	Yes	Yes
529	539	05 – Match – New 11 digit DPBC is ambiguous	11	PIC 9(11)	Yes	Yes	Yes	Yes
540	550	06 – No Match – Middle Name Related	11	PIC 9(11)	Yes	Yes	Yes	Yes
551	561	07 – No Match – Gender Related	11	PIC 9(11)	Yes	Yes	Yes	Yes
562	572	08 – No Match – Conflicting Instructions	11	PIC 9(11)	Yes	Yes	Yes	Yes
573	583	09 – No Match – Family move from Highrise default	11	PIC 9(11)	Yes	Yes	Yes	Yes
584	594	10 – No Match – Family move from Rural/HC Route default	11	PIC 9(11)	Yes	Yes	Yes	Yes
595	605	11 – No Match – Individual move – Insufficient name data	11	PIC 9(11)	Yes	Yes	Yes	Yes
606	616	18 – No Match – Family move from General Delivery	11	PIC 9(11)	Yes	Yes	Yes	Yes
617	627	19 – Match – New Address not ZIP + 4 codeable	11	PIC 9(11)	Yes	Yes	Yes	Yes
628	638	20 – No Match – Multiple Response – Conflicting Directions	11	PIC 9(11)	Yes	Yes	Yes	Yes
From NCOA^{Link} File Run								
639	649	12 – No Match – Middle Name test failed	11	PIC 9(11)	Yes	Yes	Yes	Yes
650	660	13 – No Match – Gender test failed	11	PIC 9(11)	Yes	Yes	Yes	Yes
661	671	14 – Match – New Address would not convert	11	PIC 9(11)	Yes	Yes	Yes	Yes
672	682	15 – No Match – Individual Name insufficient on input to match	11	PIC 9(11)	Yes	Yes	Yes	Yes
683	693	16 – No Match – Secondary Number discrepancy	11	PIC 9(11)	Yes	Yes	Yes	Yes
694	704	17 – No Match – Different First Name	11	PIC 9(11)	Yes	Yes	Yes	Yes
From “Daily Delete” Process								
705	715	66 – No Match – Input Address appears in “Daily Delete” suppression file	11	PIC 9(11)	Yes	Yes	Yes	Yes
Footnote from DPV Processing of Input Addresses								
716	726	AA – ZIP + 4 File Match.	11	PIC 9(11)	Yes	Yes	Yes	Opt
727	737	A1 – ZIP + 4 File No Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
738	748	M1 – Primary Number missing	11	PIC 9(11)	Yes	Yes	Yes	Opt
749	759	M3 – Primary Number invalid	11	PIC 9(11)	Yes	Yes	Yes	Opt
760	770	P1 – Missing PO, RR or HC Box number	11	PIC 9(11)	Yes	Yes	Yes	Opt
771	781	P3 – Invalid PO, RR or HC Box number	11	PIC 9(11)	Yes	Yes	Yes	Opt
782	792	BB – DPV matched (all components)	11	PIC 9(11)	Yes	Yes	Yes	Opt

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
793	803	RR – DPV matched to CMRA	11	PIC 9(11)	Yes	Yes	Yes	Opt
804	814	CC – Primary Number Match – Secondary present but invalid	11	PIC 9(11)	Yes	Yes	Yes	Opt
815	825	N1 – Primary Number Match – Secondary missing	11	PIC 9(11)	Yes	Yes	Yes	Opt
826	836	R1 – DPV matched to CMRA – PMB number not present	11	PIC 9(11)	Yes	Yes	Yes	Opt
Move Activity Summary								
837	847	ADDRESSES MATCHED MONTH 0	11	PIC 9(11)	Yes	Yes	Yes	Yes
848	858	ADDRESSES MATCHED MONTH 1	11	PIC 9(11)	Yes	Yes	Yes	Yes
859	869	ADDRESSES MATCHED MONTH 2	11	PIC 9(11)	Yes	Yes	Yes	Yes
870	880	ADDRESSES MATCHED MONTH 3	11	PIC 9(11)	Yes	Yes	Yes	Yes
881	891	ADDRESSES MATCHED MONTH 4	11	PIC 9(11)	Yes	Yes	Yes	Yes
892	902	ADDRESSES MATCHED MONTH 5	11	PIC 9(11)	Yes	Yes	Yes	Yes
903	913	ADDRESSES MATCHED MONTH 6	11	PIC 9(11)	Yes	Yes	Yes	Yes
914	924	ADDRESSES MATCHED MONTH 7	11	PIC 9(11)	Yes	Yes	Yes	Yes
925	935	ADDRESSES MATCHED MONTH 8	11	PIC 9(11)	Yes	Yes	Yes	Yes
936	946	ADDRESSES MATCHED MONTH 9	11	PIC 9(11)	Yes	Yes	Yes	Yes
947	957	ADDRESSES MATCHED MONTH 10	11	PIC 9(11)	Yes	Yes	Yes	Yes
958	968	ADDRESSES MATCHED MONTH 11	11	PIC 9(11)	Yes	Yes	Yes	Yes
969	979	ADDRESSES MATCHED MONTH 12	11	PIC 9(11)	Yes	Yes	Yes	Yes
980	990	ADDRESSES MATCHED MONTH 13	11	PIC 9(11)	Yes	Yes	Yes	Yes
991	1001	ADDRESSES MATCHED MONTH 14	11	PIC 9(11)	Yes	Yes	Yes	Yes
1002	1012	ADDRESSES MATCHED MONTH 15	11	PIC 9(11)	Yes	Yes	Yes	Yes
1013	1023	ADDRESSES MATCHED MONTH 16	11	PIC 9(11)	Yes	Yes	Yes	Yes
1024	1034	ADDRESSES MATCHED MONTH 17	11	PIC 9(11)	Yes	Yes	Yes	Yes
1035	1045	ADDRESSES MATCHED MONTH 18	11	PIC 9(11)	Yes	Yes	Yes	Yes
1046	1056	ADDRESSES MATCHED MONTH 19	11	PIC 9(11)	Yes	Yes	Yes	Yes
1057	1067	ADDRESSES MATCHED MONTH 20	11	PIC 9(11)	Yes	Yes	Yes	Yes
1068	1078	ADDRESSES MATCHED MONTH 21	11	PIC 9(11)	Yes	Yes	Yes	Yes
1079	1089	ADDRESSES MATCHED MONTH 22	11	PIC 9(11)	Yes	Yes	Yes	Yes
1090	1100	ADDRESSES MATCHED MONTH 23	11	PIC 9(11)	Yes	Yes	Yes	Yes
1101	1111	ADDRESSES MATCHED MONTH 24	11	PIC 9(11)	Yes	Yes	Yes	Yes
1112	1122	ADDRESSES MATCHED MONTH 25	11	PIC 9(11)	Yes	Yes	Yes	Yes
1123	1133	ADDRESSES MATCHED MONTH 26	11	PIC 9(11)	Yes	Yes	Yes	Yes
1134	1144	ADDRESSES MATCHED MONTH 27	11	PIC 9(11)	Yes	Yes	Yes	Yes
1145	1155	ADDRESSES MATCHED MONTH 28	11	PIC 9(11)	Yes	Yes	Yes	Yes
1156	1166	ADDRESSES MATCHED MONTH 29	11	PIC 9(11)	Yes	Yes	Yes	Yes
1167	1177	ADDRESSES MATCHED MONTH 30	11	PIC 9(11)	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
1178	1188	ADDRESSES MATCHED MONTH 31	11	PIC 9(11)	Yes	Yes	Yes	Yes
1189	1199	ADDRESSES MATCHED MONTH 32	11	PIC 9(11)	Yes	Yes	Yes	Yes
1200	1210	ADDRESSES MATCHED MONTH 33	11	PIC 9(11)	Yes	Yes	Yes	Yes
1211	1221	ADDRESSES MATCHED MONTH 34	11	PIC 9(11)	Yes	Yes	Yes	Yes
1222	1232	ADDRESSES MATCHED MONTH 35	11	PIC 9(11)	Yes	Yes	Yes	Yes
1233	1243	ADDRESSES MATCHED MONTH 36	11	PIC 9(11)	Yes	Yes	Yes	Yes
1244	1254	ADDRESSES MATCHED MONTH 37	11	PIC 9(11)	Yes	Yes	Yes	Yes
1255	1265	ADDRESSES MATCHED MONTH 38	11	PIC 9(11)	Yes	Yes	Yes	Yes
1266	1276	ADDRESSES MATCHED MONTH 39	11	PIC 9(11)	Yes	Yes	Yes	Yes
1277	1287	ADDRESSES MATCHED MONTH 40	11	PIC 9(11)	Yes	Yes	Yes	Yes
1288	1298	ADDRESSES MATCHED MONTH 41	11	PIC 9(11)	Yes	Yes	Yes	Yes
1299	1309	ADDRESSES MATCHED MONTH 42	11	PIC 9(11)	Yes	Yes	Yes	Yes
1310	1320	ADDRESSES MATCHED MONTH 43	11	PIC 9(11)	Yes	Yes	Yes	Yes
1321	1331	ADDRESSES MATCHED MONTH 44	11	PIC 9(11)	Yes	Yes	Yes	Yes
1332	1342	ADDRESSES MATCHED MONTH 45	11	PIC 9(11)	Yes	Yes	Yes	Yes
1343	1353	ADDRESSES MATCHED MONTH 46	11	PIC 9(11)	Yes	Yes	Yes	Yes
1354	1364	ADDRESSES MATCHED MONTH 47	11	PIC 9(11)	Yes	Yes	Yes	Yes
1365	1375	ADDRESSES MATCHED MONTH 48	11	PIC 9(11)	Yes	Yes	Yes	Yes
1376	1387	Operator ID	12	PIC X(12)	Yes	Yes	Filler	Yes
1388	1417	Buyer Company Name	30	PIC X(30)	Yes	Yes	Filler	Yes
1418	1422	Mailing ZIP Code	5	PIC 9(5)	Yes	Yes	Filler	Yes
1423	1452	End User: Mailing List Name Service Provider: Marketing Test – List Owner Company Name (Company for whom the marketing test is being completed)	30	PIC X(30)	Yes	Yes	Yes	Yes
DPV Statistics based on ZIP + 4 File Record Type								
1453	1463	ZIP + 4 File: Street (S) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1464	1474	CMRA Presented	11	PIC 9(11)	Yes	Yes	Yes	Opt
1475	1485	CMRA Validated	11	PIC 9(11)	Yes	Yes	Yes	Opt
1486	1496	ZIP + 4 File: High Rise (H) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1497	1507	CMRA Presented	11	PIC 9(11)	Yes	Yes	Yes	Opt
1508	1518	CMRA Validated	11	PIC 9(11)	Yes	Yes	Yes	Opt
1519	1529	ZIP + 4 File: PO Box (P) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1530	1540	ZIP + 4 File: RR/HC (R) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1541	1551	CMRA Presented	11	PIC 9(11)	Yes	Yes	Yes	Opt
1552	1562	CMRA Validated	11	PIC 9(11)	Yes	Yes	Yes	Opt
1563	1573	ZIP + 4 File: Firm (F) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt
1574	1584	CMRA Presented	11	PIC 9(11)	Yes	Yes	Yes	Opt
1585	1595	CMRA Validated	11	PIC 9(11)	Yes	Yes	Yes	Opt
1596	1606	ZIP + 4 File: General Delivery (G) Records – DPV Confirmed (Y, S or D)	11	PIC 9(11)	Yes	Yes	Yes	Opt

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Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
1607	1617	Total Primary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
1618	1672	FILLER	55	PIC X(55)	Filler	Filler	Filler	Filler
1673	1683	Total Secondary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
1684	1694	Street (S) Records with Secondary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
1695	1705	High Rise (H) Records with Secondary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
1706	1716	Firm (F) Records with Secondary Number Error	11	PIC 9(11)	Yes	Yes	Yes	Opt
FILLER (formerly LACS^{Link} Product Information)								
1717	1766	Filler	50	PIC X(50)	Filler	Filler	Filler	Filler
LACS^{Link} Return Codes								
1767	1777	A – LACS Record Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
1778	1788	00 – No Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
1789	1799	14 – Match – Found LACS Record – New Address would not convert	11	PIC 9(11)	Yes	Yes	Yes	Opt
1800	1810	92 – Match with Secondary Number Dropped on Input	11	PIC 9(11)	Yes	Yes	Yes	Opt
From DPV Processing of Input Addresses – Additional Footnote Codes								
1811	1821	F1 – Military	11	PIC 9(11)	Yes	Yes	Yes	Opt
1822	1832	U1 – Unique ZIP Code	11	PIC 9(11)	Yes	Yes	Yes	Opt
1833	1843	G1 – General Delivery	11	PIC 9(11)	Yes	Yes	Yes	Opt
From NCOA^{Link} File Run – Additional Footnote Code								
1844	1854	NL – New address not DPV confirmable with vendor software. (Required only when this code is returned to the customer)*** This field is only for list processing and should MPE Equipment develop the technology, it will become required	11	PIC 9(11)	Yes	Yes	Yes	No
ANK^{Link} and corresponding NCOA^{Link} Return Codes and Definition								
1855	1865	77 – A – Match	11	PIC 9(11)	Filler	Yes	Yes	Yes
1866	1876	77 – 91 – Match with Secondary No. Dropped on COA (Old Side)	11	PIC 9(11)	Filler	Yes	Yes	Yes
1877	1887	77 – 92 – Match with Secondary Number Dropped on Input	11	PIC 9(11)	Filler	Yes	Yes	Yes
1888	1898	77 – 01 – Match – Foreign Move	11	PIC 9(11)	Filler	Yes	Yes	Yes
1899	1909	77 – 02 – Match – Moved Left No Address	11	PIC 9(11)	Filler	Yes	Yes	Yes
1910	1920	77 – 03 – Match – PO Box Closed	11	PIC 9(11)	Filler	Yes	Yes	Yes
1921	1931	77 – 04 – No Match – Family move - Street Address w/Secondary	11	PIC 9(11)	Filler	Yes	Yes	Yes
1932	1942	77 – 05 – Match – New 11 digit DPBC is ambiguous	11	PIC 9(11)	Filler	Yes	Yes	Yes
1943	1953	77 – 06 – No Match – Middle Name Related	11	PIC 9(11)	Filler	Yes	Yes	Yes
1954	1964	77 – 07 – No Match – Gender Related	11	PIC 9(11)	Filler	Yes	Yes	Yes
1965	1975	77 – 08 – No Match – Conflicting Instructions	11	PIC 9(11)	Filler	Yes	Yes	Yes
1976	1986	77 – 09 – No Match – Family move from Highrise default	11	PIC 9(11)	Filler	Yes	Yes	Yes
1987	1997	77 – 10 – No Match – Family move from Rural/HC Route default	11	PIC 9(11)	Filler	Yes	Yes	Yes
1998	2008	77 – 11 – No Match – Individual move – Insufficient name data	11	PIC 9(11)	Filler	Yes	Yes	Yes

NCOA^{Link}® CSL Detail Record Layout page 8 of 10

Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
2009	2019	77 – 18 – No Match – Family move from General Delivery	11	PIC 9(11)	Filler	Yes	Yes	Yes
2020	2030	77 – 19 – Match – New Address not ZIP + 4 codeable	11	PIC 9(11)	Filler	Yes	Yes	Yes
2031	2041	77 – 20 – No Match – Multiple Response – Conflicting Directions	11	PIC 9(11)	Filler	Yes	Yes	Yes
2042	2052	77 – 12 – No Match – Middle Name test failed	11	PIC 9(11)	Filler	Yes	Yes	Yes
2053	2063	77 – 13 – No Match – Gender test failed	11	PIC 9(11)	Filler	Yes	Yes	Yes
2064	2074	77 – 14 – Match – New Address would not convert	11	PIC 9(11)	Filler	Yes	Yes	Yes
2075	2085	77 – 15 – No Match – Individual Name insufficient on input	11	PIC 9(11)	Filler	Yes	Yes	Yes
2086	2096	77 – 16 – No Match – Secondary Number discrepancy	11	PIC 9(11)	Filler	Yes	Yes	Yes
2097	2107	77 – 17 – No Match – Different First Name	11	PIC 9(11)	Filler	Yes	Yes	Yes
2108	2118	77 – 66 – No Match – Input Address appears in D“aily Delete” suppression file	11	PIC 9(11)	Filler	Yes	Yes	Yes
2119	2129	77 – Total records matched using ANK ^{Link}	11	PIC 9(11)	Filler	Yes	Yes	Yes
LACS^{Link} Return Codes – Additional Return Code								
2130	2140	09 – LACS^{Link} – Old Addr Highrise Default – No New Address	11	PIC 9(11)	Yes	Yes	Yes	Opt
NCOA^{Link} Product Version								
2141	2141	NCOA ^{Link} Product Version	1	PIC X(1)	Yes	Yes	Yes	Yes
		A = 48 HASH						
		B = 48 FLAT						
		C = 18 HASH						
		D = 18 FLAT						
		E = ANK HASH						
		F = ANK FLAT						
2142	2142	High Match Rate Description – NCOA ^{Link} Match Percentage Greater than 20 %	1	PIC X(1)	Yes	Yes	Yes	Filler
		A = ANK ^{Link} Extract File (FSP Only)						
		S = Stage I or Stage II File						
		R = Returned Mail File						
FILLER (Formerly - Stand Alone Suite^{Link} Product Information – FullService Providers Only)								
2143	2192	FILLER	50	PIC X(50)	Filler	Filler	Filler	Filler
SUITE^{Link} Return Codes								
2193	2203	Suite^{Link} Return Code A – Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
2204	2214	Suite^{Link} Return Code 00 – No Match	11	PIC 9(11)	Yes	Yes	Yes	Opt
NCOA^{Link} Return Codes (Continued)								
2215	2225	NCOA ^{Link} Return Code 21 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2226	2236	NCOA ^{Link} Return Code 22 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2237	2247	NCOA ^{Link} Return Code 23 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2248	2258	NCOA ^{Link} Return Code 24 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*

NCOA^{Link}® CSL Detail Record Layout page 9 of 10

Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
2259	2269	NCOA ^{Link} Return Code 25 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2270	2280	NCOA ^{Link} Return Code 26 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2281	2291	NCOA ^{Link} Return Code 27 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2292	2302	NCOA ^{Link} Return Code 28 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2303	2313	NCOA ^{Link} Return Code 29 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
2314	2324	NCOA ^{Link} Return Code 30 – To Be Determined	11	PIC 9(11)	*Yes*	*Yes*	*Yes*	*Yes*
ANK^{Link} Return Codes (Continued)								
2325	2335	77 – 21 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2336	2346	77 – 22 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2347	2357	77 – 23 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2358	2368	77 – 24 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2369	2379	77 – 25 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2380	2390	77 – 26 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2391	2401	77 – 27 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2402	2412	77 – 28 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2413	2423	77 – 29 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
2424	2434	77 – 30 – To Be Determined	11	PIC 9(11)	Filler	*Yes*	*Yes*	*Yes*
Filler (formerly Address Quality Product Information)								
2435	2634	Filler	200	PIC X(200)	Filler	Filler	Filler	Filler
Filler (formerly Address Quality Results Returned Indicators)								
2635	2638	Filler (formerly DPV Results to Customer)	4	PIC X(4)	Filler	Filler	Filler	Filler
DPV Return Codes								
2639	2649	Count of DPV Return Code = Y -	11	PIC 9(11)	Yes	Yes	Yes	Opt
2650	2660	Count of DPV Return Code = S -	11	PIC 9(11)	Yes	Yes	Yes	Opt
2661	2671	Count of DPV Return Code = D -	11	PIC 9(11)	Yes	Yes	Yes	Opt
2672	2682	Count of DPV Return Code = N -	11	PIC 9(11)	Yes	Yes	Yes	Opt
2683	2693	Count of DPV Return Code = BLANK	11	PIC 9(11)	Yes	Yes	Yes	Opt
2694	2704	Count of DPV Vacant Flag = Y	11	PIC 9(11)	Yes	Yes	Yes	Opt
2705	2715	Count of DPV CMRA Flag = Y	11	PIC 9(11)	Yes	Yes	Yes	Opt
2716	2726	Count of DPV No Stat Flag = Y	11	PIC 9(11)	Yes	Yes	Yes	Opt
MAS (Move Activity Summary) for the PSR (Processing Summary Report)								
2727	2737	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 0-3	11	PIC X(11)	Yes	Yes	Yes	Yes
2738	2748	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 4-6	11	PIC X(11)	Yes	Yes	Yes	Yes
2749	2759	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 7-12	11	PIC X(11)	Yes	Yes	Yes	Yes
2760	2770	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 13-18	11	PIC X(11)	Yes	Yes	Yes	Yes
2771	2781	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 19 +	11	PIC X(11)	Yes	Yes	Yes	Yes

NCOALink® CSL Detail Record Layout page 10 of 10

Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
2782	2782	Internal Database Flag – The Literal ‘I’ should be populated when processing internal databases per Section 4.3 of the License Agreement. This includes files for any related company such as parent, sister, subsidiary, or etc....	1	PIC X(1)	Yes	Filler	Filler	Filler
2783	2814	FILLER	32	PIC X(32)	Filler	Filler	Filler	Filler
MAIL PROCESSING EQUIPMENT REPORTING								
2815	2817	MPE Processing Modes	3	PIC X (3)	Filler	Filler	Filler	Yes
		ACT = Active Processing, all mailpieces enter the mailstream with COA Information sprayed on the mailpiece. COA Data may only be returned via an electronic option. NRP = Notification via returned mailpiece. All Mailpieces are outsorted for return to the customer. Mailpieces or photocopies must be returned to the customer. Mailpieces do not enter the mailstream without further handling. FAC = Facsimile – Facimiles of mailpieces are processed through the MPE. COA Information or appropriate NCOALink Return Code is sprayed on the mailpiece. All mailpieces are returned to the customer. DBS = Delivery Point Barcode Reader – No COA information is sprayed on the mailpieces.. FLT = Flats Processing. No COA information or NCOALink Information is returned to the customer. The outsorted mailpieces are returned to the customer or destroyed.						
2818	2818	Mail Pieces Returned to Customer	1	PIC X (1)	Filler	Filler	Filler	Yes
2819	2819	Photocopies of Mailpieces Returned to Customer	1	PIC X (1)	Filler	Filler	Filler	Yes
2820	2820	Electronic Image of Mailpiece Returned to Customer	1	PIC X (1)	Filler	Filler	Filler	Yes
2821	2821	Electronic Record of Returned to Customer	1	PIC X (1)	Filler	Filler	Filler	Yes
2822	2822	Electronic Report Returned to Customer	1	PIC X (1)	Filler	Filler	Filler	Yes
2823	2835	Unique MPE Serial Number	13	PIC X (13)	Filler	Filler	Filler	Yes
2836	2836	REJECT Processing – The Literal ‘R’ should be populated when processing Rejected Mailpieces	1	PIC X (1)	Filler	Filler	Filler	Yes
MAS (Move Activity Summary) for the PSR (Processing Summary Report) (continued)								
2837	2847	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 0-3	11	PIC X(11)	Yes	Yes	Yes	Yes
2848	2858	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 4-6	11	PIC X(11)	Yes	Yes	Yes	Yes
2859	2869	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 7-12	11	PIC X(11)	Yes	Yes	Yes	Yes
2870	2880	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 13-18	11	PIC X(11)	Yes	Yes	Yes	Yes
2881	2891	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 19 +	11	PIC X(11)	Yes	Yes	Yes	Yes
2892	2902	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 0-3	11	PIC X(11)	Yes	Yes	Yes	Yes
2903	2913	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 4-6	11	PIC X(11)	Yes	Yes	Yes	Yes
2914	2924	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 7-12	11	PIC X(11)	Yes	Yes	Yes	Yes
2925	2935	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 13-18	11	PIC X(11)	Yes	Yes	Yes	Yes
2936	2946	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 19 +	11	PIC X(11)	Yes	Yes	Yes	Yes
2947	2949	NCOALink MPE Platform ID when processing with Cloud Computing	3	PIC X(3)	Yes	Yes	Yes	Filler
2950	2999	FILLER	50	PIC X(53)	Filler	Filler	Filler	Filler
3000	3000	Record Type – H = Header/ D = Detail	1	PIC X(1)	Yes	Yes	Yes	Yes
		CR/LF						
		Carriage Return/Line Feed required at end of the record.						

CYCLE N NCOA^{Link}® CSL Reporting Key and General Information.

Filler – blank

Yes – required

Opt – Optional output, licensee has the option to provide the data

* Yes * – field is required, but the return code has not yet been defined.

NCOA^{Link}® Approved Processing Categories

Position From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	EUM Detail	MPE Detail
19	28	PROCESSING CATEGORY	10	PIC X(10)	Yes	Yes	Yes	Yes
Code	Description	Disposition of Results						
EMP TRAIN	File processed as part of employee training.	Results discarded; no update performed, or information released.						
INT DB TST	Testing involving proprietary Licensee database.	No updates performed; results discarded after analysis.						
MKTG TEST	Testing involving external customer lists.	Return information consists of statistics only; COA data is discarded, not returned to customer.						
NORMAL	Process mailing list for update prior to mailing.	COA information provided to mailer and/or mailer's representative.						
STAGE I	Test of matching performance against USPS self-test file.	Results used for internal program analysis and subsequently discarded.						
STAGE II	Test of matching performance scored by USPS.	Output transmitted to USPS for evaluation and discarded when test results finalized.						
SYS TEST	File processed as part of system testing such as loading of USPS file updates.	Results discarded; no updates performed, or information released.						

Effective 10/1/2008 MPE Licensees will only return NORMAL or STAGE II.

Chart for Month Indicators

(hexadecimal)

Indicator	Month
1	January
2	February
3	March
4	April
5	May
6	June
7	July
8	August
9	September
A	October
B	November
C	December

CYCLE N NCOA^{Link}® Monthly Processing Acknowledgement Form Report (PAF Log)

PAF Log Header Record Layout

Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	MPE Header	
1	4	LICENSEE PLATFORM ID	4	PIC X(4)	Yes	Yes	Yes	
5	18	NUMBER OF RECORDS	14	PIC 9(14)	Yes	Yes	Yes	
19	599	Filler	581	PIC X(581)	Filler	Filler	Filler	
600	600	Record Type – H = Header/ D = Detail	1	PIC X(1)	Yes	Yes	Yes	
		CR/LF						
		Carriage Return/Line Feed required at end of the record.						

PAF Log Detail Record Layout

Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	MPE Detail
1	18	PAF ID	18	PIC X(18)	Yes	Yes	Yes
		1-4 Licensee Platform ID (USPS assigned)			Yes	Yes	Yes
		5-10 List Owner NAICS Code			Yes	Yes	Yes
		11-12 Frequency of processing			Yes	Yes	Yes
		13-18 List ID (Licensee assigned)			Yes	Yes	Yes
19	68	Company Name	50	PIC X(50)	Yes	Yes	Yes
69	118	Address	50	PIC X(50)	Yes	Yes	Yes
119	146	City	28	PIC X(28)	Yes	Yes	Yes
147	148	State	2	PIC X(2)	Yes	Yes	Yes
149	153	ZIP Code	5	PIC X(5)	Yes	Yes	Yes
154	157	ZIP Code Plus 4	4	PIC X(4)	Yes	Yes	Yes
158	167	Telephone Number	10	PIC X(10)	Yes	Yes	Yes
168	217	Name of Person signing PAF	50	PIC X(50)	Yes	Yes	Yes
218	267	Title of person signing PAF	50	PIC X(50)	Yes	Yes	Yes
268	275	Date Signed by Customer Numeric: Format – CCYYMMDD	8	PIC 9(8)	Yes	Yes	Yes
276	276	Type of PAF (I – Initial, R – Renewal, M – Modification)	1	PIC X(1)	Yes	Yes	Yes
277	306	List Name	30	PIC X(30)	Yes	Yes	Yes
307	321	Mailer ID (optional)	15	PIC X(15)	Yes	Yes	Yes
322	333	FILLER	12	PIC X(12)	Yes	Yes	Yes
334	383	Parent Company	50	PIC X(50)	Yes	Yes	Yes
384	433	Alternate Company Used for marketing purposes or 'dba' name	50	PIC X(50)	Yes	Yes	Yes
434	449	Broker/Agent ID (licensee assigned)	16	PIC X(16)	Yes	Yes	Filler

PAF Log Detail Record Layout (page 2 of 2)

Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	MPE Detail	
450	457	Date Signed by Broker/Agent Numeric: Format – CCYYMMDD	8	PIC 9(8)	Yes	Yes	Filler	
458	473	List Administrator ID (licensee assigned)	16	PIC X(16)	Yes	Yes	Filler	
474	481	Date Signed by List Administrator	8	PIC 9(8)	Yes	Yes	Filler	
482	489	Date Signed by NCOA ^{Link} Licensee	8	PIC 9(8)	Yes	Yes	Yes	
490	553	Email address of person signing PAF (optional)	64	PIC X(64)	Yes	Yes	Yes	
554	593	Company web site (optional)	40	PIC X(40)	Yes	Yes	Yes	
594	594	Equivalent Alternative PAF Indicator -- The literal "A" in this field indicates an Alternative PAF was used.	1	PIC X(1)	Yes	Yes	Yes	
595	595	Cooperative Database Indicator – The literal "C" in this field indicates that this list owner is part of a cooperative database.	1	PIC X(1)	Yes	Yes	Yes	
596	599	Filler	4	PIC X(4)	Yes	Yes	Yes	
600	600	Record Type – H = Header/ D = Detail	1	PIC X(1)	Yes	Yes	Yes	
		CR/LF						
		Carriage Return/Line Feed required at end of the record.						

CYCLE N NCOA^{Link®} Monthly Broker-Agent/List Administrator Log (BALA File)

BALA File Header Record Layout								
Record From	Position To	Field Name & Description	Length	COBOL	FSP Header	LSP Header	MPE Header	
1	4	LICENSEE PLATFORM ID	4	PIC X(4)	Yes	Yes	Yes	
5	18	NUMBER OF RECORDS	14	PIC 9(14)	Yes	Yes	Yes	
19	299	FILLER	281	PIC X(281)	Yes	Yes	Yes	
300	300	Record Type – H = Header/ D = Detail	1	PIC X(1)	Yes	Yes	Yes	
		CR/LF						
		Carriage Return/Line Feed required at end of the record.						

BALA File Detail Record Layout								
Record From	Position To	Field Name & Description	Length	COBOL	FSP Detail	LSP Detail	MPE Detail	
1	16	PAF ID	16	PIC X(16)	Yes	Yes	Yes	
		1-4 Licensee Platform ID (USPS assigned)			Yes	Yes	Yes	
		5-10 NAICS Code			Yes	Yes	Yes	
		11-16 BALA ID (Licensee Assigned)			Yes	Yes	Yes	
17	66	Company Name	50	PIC X(50)	Yes	Yes	Yes	
69	116	Address	50	PIC X(50)	Yes	Yes	Yes	
117	144	City	28	PIC X(28)	Yes	Yes	Yes	
145	146	State	2	PIC X(2)	Yes	Yes	Yes	
147	151	ZIP Code	5	PIC X(5)	Yes	Yes	Yes	
152	155	ZIP Code Plus 4	4	PIC X(4)	Yes	Yes	Yes	
156	165	Telephone Number	10	PIC X(10)	Yes	Yes	Yes	
166	177	Filler	12	PIC X(12)	Yes	Yes	Yes	
178	178	BALA Indicator (Broker – B or List Administrator – L)	1	PIC X(1)	Yes	Yes	Yes	
179	218	Company web site (optional)	40	PIC X(40)	Yes	Yes	Yes	
219	299	Filler	81	PIC X(81)	Yes	Yes	Yes	
300	300	Record Type – H = Header/ D = Detail	1	PIC X(1)	Yes	Yes	Yes	
		CR/LF						
		Carriage Return/Line Feed required at end of the record.						

CLARIFICATION: A company can be both a broker and a list administrator, however they cannot be both for the same list ID. Two records should be entered for all companies that are function as brokers and list administrators for different customers.

CYCLE O General Reporting Guidelines

All reports are submitted monthly by the 7th of each month for the preceding month

For example reporting of June processing is submitted by July 7th; these are the June reports

Reports should be based on the Date NCOA^{Link}® Processing is completed (position 55-72 in the CSL)

Reports are generated based on the Platform ID

Report File Naming Convention:

Report	LTR	ALPHA PLAT	1 Character Month	2 DIG YEAR	EXTENSION
CSL	C	PLAT	M	YY	.DAT
PAF	P	PLAT	M	YY	.DAT
BALA	B	PLAT	M	YY	.DAT

Reports should be submitted in a compressed file format by Platform ID.

ALPHA PLAT	1 Character Month	2 DIG YEAR	EXTENSION
PLAT	M	YY	.ZIP

The USPS® will be extracting the file using WinZip® (LAN) and PKZip® (MAINFRAME).

All Service Full & Limited Service Provider Licensees are required to submit 3 reports per Platform ID

All Mail Processing Equipment (MPE) Data User Licensees are required to submit 3 reports per Platform ID

All End User Licensees are required to submit 1 report per Platform ID

All MPE Licensees are required to submit 1 CSL and 1 PAF report per Platform ID, BALA report(s) are submitted by platform ID as applicable. The MPE Platform ID should be 3 bytes, and there should not be a space following the platform ID.

LICENSEES are required to submit reports even with no processing for each platform. These reports will consist of header records only and the corresponding count fields should be zeros.

The three (3) reports in the NCOA^{Link} Licensing Structure are:

- CSL – Customer Service Log. This report is submitted by all Service Providers and End User Mailers.
- PAF – Processing Acknowledgement Report. This report is submitted monthly by all Service Providers.
- BALA – Broker-Agent/List Administrator. This report is submitted monthly by all Service Providers.

Data Types are defined in as follows:

Numeric fields should be right justified; zero filled except as noted.

Alphanumeric fields are should be left justified space filled except as noted.

Fields identified as filler should be space filled.

Date fields are numeric and should be populated in the following format: CCYYMMDD (i.e. January 5, 2020 would be 20200105)

- If any field exceeds is greater than or equal to 100 billion in either the header or detail, the licensee is to only report the last 11 bytes. (This is only anticipated to impact the header record, but would apply to detail records if applicable)

CYCLE O NCOA^{Link}® Monthly Customer Service Log (CSL)

NCOA ^{Link} CSL Header Record Layout							
Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	EUM Header	MPE Header
1	4	LICENSEE PLATFORM ID	4	Yes	Yes	Yes	Yes
5	10	NCOA ^{Link} Report Version Number – this will be the literal 'V00004'	6	Yes	Yes	Yes	Yes
11	18	NUMBER OF RECORDS	8	Yes	Yes	Yes	Yes
19	70	FILLER	52	Filler	Filler	Filler	Filler
Processing Statistics Summary							
71	81	TOTAL NUMBER OF RECORDS PROCESSED	11	Yes	Yes	Yes	Yes
82	92	TOTAL NUMBER OF NCOA ^{Link} QUERIES PERFORMED	11	Yes	Yes	Yes	Yes
93	103	TOTAL NUMBER OF RECORDS MATCHED	11	Yes	Yes	Yes	Yes
104	114	TOTAL NUMBER OF MATCHES REJECTED	11	Yes	Yes	Yes	Yes
115	125	TOTAL NUMBER OF RECORDS Matched to ZIP + 4® File (Should equal total DPV RESPONSE: AA)	11	Yes	Yes	Yes	Yes
126	136	TOTAL NUMBER OF RECORDS DPV® CONFIRMED (Sum of DPV Return Code: Y, S, and D)	11	Yes	Yes	Yes	Yes
137	251	FILLER	115	Filler	Filler	Filler	Filler
NEW DATA – NCOA^{Link} Matches by Type of COA							
252	262	Total Number of Business Matches (NCOA ^{Link})	11	Yes	Yes	Yes	Yes
263	273	Total Number of Individual Matches (NCOA ^{Link})	11	Yes	Yes	Yes	Yes
274	284	Total Number of Family Matches (NCOA ^{Link})	11	Yes	Yes	Yes	Yes
285	286	FILLER	2	Filler	Filler	Filler	Filler
ZIP + 4 File Match Statistics							
287	297	ZIP + 4 File: Total matched to PO Box	11	Yes	Yes	Yes	Yes
298	308	ZIP + 4 File: Total matched to HCR Exact	11	Yes	Yes	Yes	Yes
309	319	ZIP + 4 File: Total matched to RR Default	11	Yes	Yes	Yes	Yes
320	330	ZIP + 4 File: Total matched to Firm	11	Yes	Yes	Yes	Yes
331	341	ZIP + 4 File: Total matched to General Del	11	Yes	Yes	Yes	Yes
342	352	ZIP + 4 File: Total matched to Highrise Default	11	Yes	Yes	Yes	Yes
353	363	ZIP + 4 File: Total matched to Military	11	Yes	Yes	Yes	Yes
364	374	ZIP + 4 File: Total matched to Non-Deliverable	11	Yes	Yes	Yes	Yes
375	385	ZIP + 4 File: Total matched to RR Exact	11	Yes	Yes	Yes	Yes
386	396	ZIP + 4 File: Total matched to Street	11	Yes	Yes	Yes	Yes
397	407	ZIP + 4 File: Total matched to HCR Default	11	Yes	Yes	Yes	Yes
408	418	ZIP + 4 File: Total matched to Highrise Exact	11	Yes	Yes	Yes	Yes
419	429	ZIP + 4 File: Total matched to Other	11	Yes	Yes	Yes	Yes
430	440	ZIP + 4 File: Total matched to Pos LACS	11	Yes	Yes	Yes	Yes
441	451	EWS File: Total matched to EWS	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	EUM Header	MPE Header
New Address Provided by NCOA^{Link}							
452	462	A – Match	11	Yes	Yes	Yes	Yes
463	473	91 – Match with Secondary Number Dropped on COA (Old Side)	11	Yes	Yes	Yes	Yes
474	484	92 – Match with Secondary Number Dropped on Input	11	Yes	Yes	Yes	Yes
From NCOA^{Link} File Build							
485	495	01 – Match – Foreign Move	11	Yes	Yes	Yes	Yes
496	506	02 – Match – Moved Left No Address	11	Yes	Yes	Yes	Yes
507	517	03 – Match – PO Box Closed	11	Yes	Yes	Yes	Yes
518	528	04 – No Match – Family move from Street Address w/Secondary	11	Yes	Yes	Yes	Yes
529	539	05 – Match – New 11 digit DPBC is ambiguous	11	Yes	Yes	Yes	Yes
540	550	06 – No Match – Middle Name Related	11	Yes	Yes	Yes	Yes
551	561	07 – No Match – Gender Related	11	Yes	Yes	Yes	Yes
562	572	08 – No Match – Conflicting Instructions	11	Yes	Yes	Yes	Yes
573	583	09 – No Match – Family move from Highrise default	11	Yes	Yes	Yes	Yes
584	594	10 – No Match – Family move from Rural/HC Route default	11	Yes	Yes	Yes	Yes
595	605	11 – No Match – Individual move – Insufficient name data	11	Yes	Yes	Yes	Yes
606	616	18 – No Match – Family move from General Delivery	11	Yes	Yes	Yes	Yes
617	627	19 – Match – New Address not ZIP + 4 codeable	11	Yes	Yes	Yes	Yes
628	638	20 – No Match – Multiple Response – Conflicting Directions	11	Yes	Yes	Yes	Yes
From NCOA^{Link} File Run							
639	649	12 – No Match – Middle Name test failed	11	Yes	Yes	Yes	Yes
650	660	13 – No Match – Gender test failed	11	Yes	Yes	Yes	Yes
661	671	14 – Match – New Address would not convert	11	Yes	Yes	Yes	Yes
672	682	15 – No Match – Individual Name insufficient on input to match	11	Yes	Yes	Yes	Yes
683	693	16 – No Match – Secondary Number discrepancy	11	Yes	Yes	Yes	Yes
694	704	17 – No Match – Different First Name	11	Yes	Yes	Yes	Yes
From “Daily Delete” Process							
705	715	66 – No Match – Input Address appears in “Daily Delete” suppression file	11	Yes	Yes	Yes	Yes
Footnote from DPV[®] Processing of Input Addresses							
716	726	AA – ZIP + 4 [®] File Match.	11	Yes	Yes	Yes	Yes
727	737	A1 – ZIP + 4 File No Match	11	Yes	Yes	Yes	Yes
738	748	M1 – Primary Number missing	11	Yes	Yes	Yes	Yes
749	759	M3 – Primary Number invalid	11	Yes	Yes	Yes	Yes
760	770	P1 – Missing PO, RR or HC Box number	11	Yes	Yes	Yes	Yes
771	781	P3 – Invalid PO, RR or HC Box number	11	Yes	Yes	Yes	Yes
782	792	BB – DPV matched (all components)	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	EUM Header	MPE Header
793	803	RR – DPV matched to CMRA	11	Yes	Yes	Yes	Yes
804	814	CC – Primary Number Match – Secondary present but invalid	11	Yes	Yes	Yes	Yes
815	825	N1 – Primary Number Match – Secondary missing	11	Yes	Yes	Yes	Yes
826	836	R1 – DPV [®] matched to CMRA – PMB number not present	11	Yes	Yes	Yes	Yes
Move Activity Summary							
837	847	ADDRESSES MATCHED MONTH 0	11	Yes	Yes	Yes	Yes
848	858	ADDRESSES MATCHED MONTH 1	11	Yes	Yes	Yes	Yes
859	869	ADDRESSES MATCHED MONTH 2	11	Yes	Yes	Yes	Yes
870	880	ADDRESSES MATCHED MONTH 3	11	Yes	Yes	Yes	Yes
881	891	ADDRESSES MATCHED MONTH 4	11	Yes	Yes	Yes	Yes
892	902	ADDRESSES MATCHED MONTH 5	11	Yes	Yes	Yes	Yes
903	913	ADDRESSES MATCHED MONTH 6	11	Yes	Yes	Yes	Yes
914	924	ADDRESSES MATCHED MONTH 7	11	Yes	Yes	Yes	Yes
925	935	ADDRESSES MATCHED MONTH 8	11	Yes	Yes	Yes	Yes
936	946	ADDRESSES MATCHED MONTH 9	11	Yes	Yes	Yes	Yes
947	957	ADDRESSES MATCHED MONTH 10	11	Yes	Yes	Yes	Yes
958	968	ADDRESSES MATCHED MONTH 11	11	Yes	Yes	Yes	Yes
969	979	ADDRESSES MATCHED MONTH 12	11	Yes	Yes	Yes	Yes
980	990	ADDRESSES MATCHED MONTH 13	11	Yes	Yes	Yes	Yes
991	1001	ADDRESSES MATCHED MONTH 14	11	Yes	Yes	Yes	Yes
1002	1012	ADDRESSES MATCHED MONTH 15	11	Yes	Yes	Yes	Yes
1013	1023	ADDRESSES MATCHED MONTH 16	11	Yes	Yes	Yes	Yes
1024	1034	ADDRESSES MATCHED MONTH 17	11	Yes	Yes	Yes	Yes
1035	1045	ADDRESSES MATCHED MONTH 18	11	Yes	Yes	Yes	Yes
1046	1056	ADDRESSES MATCHED MONTH 19	11	Yes	Yes	Yes	Yes
1057	1067	ADDRESSES MATCHED MONTH 20	11	Yes	Yes	Yes	Yes
1068	1078	ADDRESSES MATCHED MONTH 21	11	Yes	Yes	Yes	Yes
1079	1089	ADDRESSES MATCHED MONTH 22	11	Yes	Yes	Yes	Yes
1090	1100	ADDRESSES MATCHED MONTH 23	11	Yes	Yes	Yes	Yes
1101	1111	ADDRESSES MATCHED MONTH 24	11	Yes	Yes	Yes	Yes
1112	1122	ADDRESSES MATCHED MONTH 25	11	Yes	Yes	Yes	Yes
1123	1133	ADDRESSES MATCHED MONTH 26	11	Yes	Yes	Yes	Yes
1134	1144	ADDRESSES MATCHED MONTH 27	11	Yes	Yes	Yes	Yes
1145	1155	ADDRESSES MATCHED MONTH 28	11	Yes	Yes	Yes	Yes
1156	1166	ADDRESSES MATCHED MONTH 29	11	Yes	Yes	Yes	Yes
1167	1177	ADDRESSES MATCHED MONTH 30	11	Yes	Yes	Yes	Yes
1178	1188	ADDRESSES MATCHED MONTH 31	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	EUM Header	MPE Header
1189	1199	ADDRESSES MATCHED MONTH 32	11	Yes	Yes	Yes	Yes
1200	1210	ADDRESSES MATCHED MONTH 33	11	Yes	Yes	Yes	Yes
1211	1221	ADDRESSES MATCHED MONTH 34	11	Yes	Yes	Yes	Yes
1222	1232	ADDRESSES MATCHED MONTH 35	11	Yes	Yes	Yes	Yes
1233	1243	ADDRESSES MATCHED MONTH 36	11	Yes	Yes	Yes	Yes
1244	1254	ADDRESSES MATCHED MONTH 37	11	Yes	Yes	Yes	Yes
1255	1265	ADDRESSES MATCHED MONTH 38	11	Yes	Yes	Yes	Yes
1266	1276	ADDRESSES MATCHED MONTH 39	11	Yes	Yes	Yes	Yes
1277	1287	ADDRESSES MATCHED MONTH 40	11	Yes	Yes	Yes	Yes
1288	1298	ADDRESSES MATCHED MONTH 41	11	Yes	Yes	Yes	Yes
1299	1309	ADDRESSES MATCHED MONTH 42	11	Yes	Yes	Yes	Yes
1310	1320	ADDRESSES MATCHED MONTH 43	11	Yes	Yes	Yes	Yes
1321	1331	ADDRESSES MATCHED MONTH 44	11	Yes	Yes	Yes	Yes
1332	1342	ADDRESSES MATCHED MONTH 45	11	Yes	Yes	Yes	Yes
1343	1353	ADDRESSES MATCHED MONTH 46	11	Yes	Yes	Yes	Yes
1354	1364	ADDRESSES MATCHED MONTH 47	11	Yes	Yes	Yes	Yes
1365	1375	ADDRESSES MATCHED MONTH 48	11	Yes	Yes	Yes	Yes
1376	1452	FILLER	77	Filler	Filler	Filler	Filler
DPV[®] Statistics based on ZIP + 4[®] File Record Type							
1453	1463	ZIP + 4 File: Street (S) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1464	1474	CMRA Presented	11	Yes	Yes	Yes	Yes
1475	1485	CMRA Validated	11	Yes	Yes	Yes	Yes
1486	1496	ZIP + 4 File: High Rise (H) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1497	1507	CMRA Presented	11	Yes	Yes	Yes	Yes
1508	1518	CMRA Validated	11	Yes	Yes	Yes	Yes
1519	1529	ZIP + 4 File: PO Box (P) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1530	1540	ZIP + 4 File: RR/HC (R) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1541	1551	CMRA Presented	11	Yes	Yes	Yes	Yes
1552	1562	CMRA Validated	11	Yes	Yes	Yes	Yes
1563	1573	ZIP + 4 File: Firm (F) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1574	1584	CMRA Presented	11	Yes	Yes	Yes	Yes
1585	1595	CMRA Validated	11	Yes	Yes	Yes	Yes
1596	1606	ZIP + 4 File: General Delivery (G) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1607	1617	Total Primary Number Error	11	Yes	Yes	Yes	Yes
1618	1672	FILLER	55	Filler	Filler	Filler	Filler
1673	1683	Total Secondary Number Error	11	Yes	Yes	Yes	Yes
1684	1694	Street (S) Records with Secondary Number Error	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	EUM Header	MPE Header
1695	1705	High Rise (H) Records with Secondary Number Error	11	Yes	Yes	Yes	Yes
1706	1716	Firm (F) Records with Secondary Number Error	11	Yes	Yes	Yes	Yes
1717	1766	FILLER	50	Filler	Filler	Filler	Filler
LACS^{Link}™ Return Codes							
1767	1777	A – LACS Record Match	11	Yes	Yes	Yes	Yes
1778	1788	00 – No Match	11	Yes	Yes	Yes	Yes
1789	1799	14 – Match – Found LACS Record – New Address would not convert	11	Yes	Yes	Yes	Yes
1800	1810	92 – Match with Secondary Number Dropped on Input	11	Yes	Yes	Yes	Yes
From DPV[®] Processing of Input Addresses – Additional Footnote Codes							
1811	1821	F1 – Military	11	Yes	Yes	Yes	Yes
1822	1832	U1 – Unique ZIP Code	11	Yes	Yes	Yes	Yes
1833	1843	G1 – General Delivery	11	Yes	Yes	Yes	Yes
From NCOA^{Link} File Run – Additional Footnote Code							
1844	1854	NL – New address not DPV confirmable with vendor software. (Required only when this code is returned to the customer)*** This field is only for list processing and should MPE Equipment develop the technology, it will become required	11	Yes	Yes	Yes	No
ANK^{Link} and corresponding NCOA^{Link} Return Codes and Definition							
1855	1865	77 – A – Match	11	Filler	Yes	Yes	Yes
1866	1876	77 – 91 – Match with Secondary No. Dropped on COA (Old Side)	11	Filler	Yes	Yes	Yes
1877	1887	77 – 92 – Match with Secondary Number Dropped on Input	11	Filler	Yes	Yes	Yes
1888	1898	77 – 01 – Match – Foreign Move	11	Filler	Yes	Yes	Yes
1899	1909	77 – 02 – Match – Moved Left No Address	11	Filler	Yes	Yes	Yes
1910	1920	77 – 03 – Match – PO Box Closed	11	Filler	Yes	Yes	Yes
1921	1931	77 – 04 – No Match – Family move - Street Address w/Secondary	11	Filler	Yes	Yes	Yes
1932	1942	77 – 05 – Match – New 11 digit DPBC is ambiguous	11	Filler	Yes	Yes	Yes
1943	1953	77 – 06 – No Match – Middle Name Related	11	Filler	Yes	Yes	Yes
1954	1964	77 – 07 – No Match – Gender Related	11	Filler	Yes	Yes	Yes
1965	1975	77 – 08 – No Match – Conflicting Instructions	11	Filler	Yes	Yes	Yes
1976	1986	77 – 09 – No Match – Family move from Highrise default	11	Filler	Yes	Yes	Yes
1987	1997	77 – 10 – No Match – Family move from Rural/HC Route default	11	Filler	Yes	Yes	Yes
1998	2008	77 – 11 – No Match – Individual move – Insufficient name data	11	Filler	Yes	Yes	Yes
2009	2019	77 – 18 – No Match – Family move from General Delivery	11	Filler	Yes	Yes	Yes
2020	2030	77 – 19 – Match – New Address not ZIP + 4 codeable	11	Filler	Yes	Yes	Yes
2031	2041	77 – 20 – No Match – Multiple Response – Conflicting Directions	11	Filler	Yes	Yes	Yes
2042	2052	77 – 12 – No Match – Middle Name test failed	11	Filler	Yes	Yes	Yes
2053	2063	77 – 13 – No Match – Gender test failed	11	Filler	Yes	Yes	Yes
2064	2074	77 – 14 – Match – New Address would not convert	11	Filler	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	EUM Header	MPE Header
2075	2085	77 – 15 – No Match – Individual Name insufficient on input	11	Filler	Yes	Yes	Yes
2086	2096	77 – 16 – No Match – Secondary Number discrepancy	11	Filler	Yes	Yes	Yes
2097	2107	77 – 17 – No Match – Different First Name	11	Filler	Yes	Yes	Yes
2108	2118	77 – 66 – No Match – Input Address appears in “Daily Delete” suppression file	11	Filler	Yes	Yes	Yes
2119	2129	77 – Total records matched using ANK ^{Link}	11	Filler	Yes	Yes	Yes
LACS^{Link} Return Codes – Additional Return Code							
2130	2140	09 – LACS ^{Link} – Old Addr Highrise Default – No New Address	11	Yes	Yes	Yes	Yes
2141	2192	FILLER	52	Filler	Filler	Filler	Filler
SUITE^{Link} Return Codes							
2193	2203	Suite ^{Link} Return Code A – Match	11	Yes	Yes	Yes	Yes
2204	2214	Suite ^{Link} Return Code 00 – No Match	11	Yes	Yes	Yes	Yes
NCOALink Return Codes (Continued)							
2215	2225	NCOALink Return Code 21 – TEST MATCH	11	Yes	Yes	Yes	Yes
2226	2236	NCOALink Return Code 22 – TEST NO MATCH	11	Yes	Yes	Yes	Yes
2237	2247	NCOALink Return Code 23 – To Be Determined	11	Yes	Yes	Yes	Yes
2248	2258	NCOALink Return Code 24 – To Be Determined	11	Yes	Yes	Yes	Yes
2259	2269	NCOALink Return Code 25 – To Be Determined	11	Yes	Yes	Yes	Yes
2270	2280	NCOALink Return Code 26 – To Be Determined	11	Yes	Yes	Yes	Yes
2281	2291	NCOALink Return Code 27 – To Be Determined	11	Yes	Yes	Yes	Yes
2292	2302	NCOALink Return Code 28 – To Be Determined	11	Yes	Yes	Yes	Yes
2303	2313	NCOALink Return Code 29 – To Be Determined	11	Yes	Yes	Yes	Yes
2314	2324	NCOALink Return Code 30 – To Be Determined	11	Yes	Yes	Yes	Yes
ANK^{Link} Return Codes (Continued)							
2325	2335	77 – 21 – TEST MATCH	11	Filler	Yes	Yes	Yes
2336	2346	77 – 22 – TEST NO MATCH	11	Filler	Yes	Yes	Yes
2347	2357	77 – 23 – To Be Determined	11	Filler	Yes	Yes	Yes
2358	2368	77 – 24 – To Be Determined	11	Filler	Yes	Yes	Yes
2369	2379	77 – 25 – To Be Determined	11	Filler	Yes	Yes	Yes
2380	2390	77 – 26 – To Be Determined	11	Filler	Yes	Yes	Yes
2391	2401	77 – 27 – To Be Determined	11	Filler	Yes	Yes	Yes
2402	2412	77 – 28 – To Be Determined	11	Filler	Yes	Yes	Yes
2413	2423	77 – 29 – To Be Determined	11	Filler	Yes	Yes	Yes
2424	2434	77 – 30 – To Be Determined	11	Filler	Yes	Yes	Yes
ANK^{Link} Matching (New Records)							
2435	2445	77 – Total Number of Business Matches (ANK^{Link})	11	Filler	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	EUM Header	MPE Header
2446	2456	77 – Total Number of Individual Matches (ANK ^{Link})	11	Filler	Yes	Yes	Yes
2457	2467	77 – Total Number of Family Matches (ANK ^{Link})	11	Filler	Yes	Yes	Yes
NCOA^{Link} Additional Match Return Codes							
2468	2478	NCOA ^{Link} Return Code 93 – To Be Determined	11	Yes	Yes	Yes	Yes
2479	2489	NCOA ^{Link} Return Code 94 – To Be Determined	11	Yes	Yes	Yes	Yes
2490	2500	NCOA ^{Link} Return Code 95 – To Be Determined	11	Yes	Yes	Yes	Yes
ANK^{Link} Additional Match Return Codes							
2501	2511	77 Return Code 93 – To Be Determined	11	Filler	Yes	Yes	Yes
2512	2522	77 Return Code 94 – To Be Determined	11	Filler	Yes	Yes	Yes
2523	2533	77 Return Code 95 – To Be Determined	11	Filler	Yes	Yes	Yes
2534	2539	FILLER	6	Filler	Filler	Filler	Filler
New DPV Extended Return Codes and Footnotes (Must Be Populated)							
2540	2550	Total Count DPV NDD (Non Delivery Days) Flag = 'Y' NOTE: THE USPS WILL NOT BE COUNTING THE SPECIFIC NON DELIVERY DAYS. The USPS is only interested in the number of records that match to the Non Delivery Day flag, leading to the querying of the NDD Values Table.	11	Yes	Yes	Yes	Yes
2551	2561	Total Count Secondary Required (NoStat Table Reason Code 06)	11	Yes	Yes	Yes	Yes
2562	2572	Total Count Extended DPV Return Code 'Y'	11	Yes	Yes	Yes	Yes
2573	2583	Total Count Extended DPV Return Code 'S'	11	Yes	Yes	Yes	Yes
2584	2594	Total Count Extended DPV Return Code 'D'	11	Yes	Yes	Yes	Yes
2595	2605	Total Count Extended DPV Return Code 'N'	11	Yes	Yes	Yes	Yes
2606	2616	Total Count Extended DPV Return Code 'Blank'	11	Yes	Yes	Yes	Yes
2617	2627	FILLER	11	Yes	Yes	Yes	Yes
2628	2638	Total Count Extended DPV Return Code 'R'	11	Yes	Yes	Yes	Yes
DPV Return Codes							
2639	2649	Count of DPV Return Code = Y -	11	Yes	Yes	Yes	Yes
2650	2660	Count of DPV Return Code = S -	11	Yes	Yes	Yes	Yes
2661	2671	Count of DPV Return Code = D -	11	Yes	Yes	Yes	Yes
2672	2682	Count of DPV Return Code = N -	11	Yes	Yes	Yes	Yes
2683	2693	Count of DPV Return Code = BLANK -	11	Yes	Yes	Yes	Yes
2694	2704	Count of DPV Vacant Flag = Y	11	Yes	Yes	Yes	Yes
2705	2715	Count of DPV CMRA Flag = Y	11	Yes	Yes	Yes	Yes
2716	2726	Count of DPV No Stat Flag = Y	11	Yes	Yes	Yes	Yes
2727	2737	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 0-3	11	Yes	Yes	Yes	Yes
2738	2748	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 4-6	11	Yes	Yes	Yes	Yes
2749	2759	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 7-12	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	EUM Header	MPE Header	
MAS (Move Activity Summary) for the PSR (Processing Summary Report)								
2760	2770	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 13-18	11	Yes	Yes	Yes	Yes	
2771	2781	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 19 +	11	Yes	Yes	Yes	Yes	
2782	2782	FILLER	1					
New DPV Extended Return Code & Footnote (Must Be Populated)								
2783	2793	Total Count DPV Footnote 'C1'	11	Yes	Yes	Yes	Yes	
2794	2804	Total Count DPV Footnote 'TA'	11	Yes	Yes	Yes	Yes	
2805	2836	FILLER	32					
MAS (Move Activity Summary) for the PSR (Processing Summary Report) (continued)								
2837	2847	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 0-3	11	Yes	Yes	Yes	Yes	
2848	2858	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 4-6	11	Yes	Yes	Yes	Yes	
2859	2869	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 7-12	11	Yes	Yes	Yes	Yes	
2870	2880	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 13-18	11	Yes	Yes	Yes	Yes	
2881	2891	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 19 +	11	Yes	Yes	Yes	Yes	
2892	2902	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 0-3	11	Yes	Yes	Yes	Yes	
2903	2913	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 4-6	11	Yes	Yes	Yes	Yes	
2914	2924	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 7-12	11	Yes	Yes	Yes	Yes	
2925	2935	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 13-18	11	Yes	Yes	Yes	Yes	
2936	2946	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 19 +	11	Yes	Yes	Yes	Yes	
New DPV Extended Footnotes (Must Be Populated)								
2947	2957	Total Count DPV Footnote 'PB'	11	Yes	Yes	Yes	Yes	
2958	2968	Total Count DPV Footnote 'R7'	11	Yes	Yes	Yes	Yes	
2969	2979	Total Count DPV DNA (Door Not Accessible) Flag = 'Y'	11	Yes	Yes	Yes	Yes	
2980	2990	Total Count DPV NSL (No Secure Location) Flag = 'Y'	11	Yes	Yes	Yes	Yes	
2991	2999	FILLER	9					
3000	3000	Record Type – H = Header/ D = Detail	1	Yes	Yes	Yes	Yes	
		CR/LF						
		Carriage Return/Line Feed required at end of the record.						

NCOALink® CSL Detail Record Layout

Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
1	18	PAF ID	18	Yes	Yes	Yes	Yes
		1-4 Licensee Platform ID (USPS assigned)		Yes	Yes	Yes	Yes
		5-10 List Owner NAICS Code		Yes	Yes	Yes	Yes
		11-12 Frequency of processing		Yes	Yes	Yes	Yes
		13-18 List ID (Licensee assigned)		Yes	Yes	Filler	Yes
19	28	PROCESSING CATEGORY** See Chart on page 19	10	Yes	Yes	Yes	Yes
		EMP TRAIN					
		INT DB TST					
		MKTG TEST					
		NORMAL					
		STAGE I					
		STAGE II					
		SYS TEST					
29	29	ADDITIONAL NOTES - The literal "A" in this field denotes that customer provided written request for longer processing period.	1	Yes	Yes	Filler	Yes
30	30	PRE-PROCESSES PERFORMED*	1	Yes	Yes	Filler	Filler
31	31	CONCURRENT PROCESSES*	1	Yes	Yes	Filler	Filler
32	32	POST-PROCESSES PERFORMED*	1	Yes	Yes	Filler	Filler
		N = None					
		Y = Yes but with no data modifications					
		D = Yes, data modifications from sources other than postal data					
		P = Yes, data modifications from postal data only (LACSLink)					
		B = Yes, data modifications from postal and other sources					
		*These field should be filler for Mail Processing Equipment, unless data other than POSTAL data is used.					
33	33	STANDARD OUTPUT RETURNED	1	Yes	Yes	Filler	Yes
		Full and Limited Service Provider Licensees					
		Y = All NCOALink required output returned to client					
		N = Post-processes modified return information (i.e.: updates applied to list)					
		B = Post-processes modified information; separate file containing all required output also returned					
		End User Mailer Licensees – Filler					
		Mail Processing Equipment Licensees					
		Y = All NCOALink required output returned to client including COA Data (new addresses provided) i.e. Processing Via Returned Mailpiece – COA Data Sprayed on mailpiece					
		Z = All NCOALink required output returned to client excluding COA Data (new addresses not provided) i.e. FLATS Mode – No COA Data Sprayed on the mailpiece; mailpieces are outsorted					
		X = Nothing is returned to the customer i.e. Normal processing, active mode all mailpieces are deposited in the mailstream with no change of address information going back to the customer.					

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
34	34	MATCHING LOGIC APPLIED	1	Yes	Yes	Yes	Yes
		S = Standard (Business, Individual and Family matches allowed)					
		I = Individual only					
		B = Business only					
		C = Individual and Business only					
		R = Individual and Family only					
35	35	DATA RETURNED	1	Yes	Yes	Filler	Yes
		C = COA Data Returned (including return codes and processing statistics)					
		F = Return Codes (no COA data included; may include processing statistics; for MPE outsourced mailpieces without new address information also apply)					
		S = Statistics only (no COA data or footnotes provided) – Provision of Processing Summary Report and any counts related to the file. No specific mailpieces or address records are identified.					
		X = MPE Only – Nothing Returned – No reports, statistics, or COA Data is returned to the customer. Prior to use contact the NCSC.					
36	37	NUMBER OF MONTHS REQUESTED	2	Yes	Yes	Yes	Yes
		By request of list owner, number of months for which COA data accepted (≥ 06)					
38	38	CLASS OF MAIL	1	Yes	Yes	Yes	Yes
		A = First-Class only					
		B = Periodicals only					
		C = Standard Mail only					
		D = Package Services only					
		E = First-Class & Periodicals					
		F = First-Class & Standard Mail					
		G = First-Class & Package Services					
		H = Periodicals & Standard Mail					
		I = Periodicals & Package Services					
		J = Standard Mail & Package Services					
		K = First-Class, Periodicals & Standard Mail					
		L = First-Class, Periodicals & Package Services					
		M = First-Class, Standard Mail & Package Services					
		N = Periodicals, Standard Mail & Package Services					
		O = First-Class, Periodical, Standard Mail, Package Services					
Processing Date Information							
39	46	DATE LIST RECEIVED FROM CUSTOMER	8	Yes	Yes	Filler	Yes
47	54	DATE NCOA ^{Link} PROCESSING BEGAN	8	Yes	Yes	Yes	Yes
55	62	DATE NCOA ^{Link} PROCESSING COMPLETED	8	Yes	Yes	Yes	Yes
63	70	DATE LIST RETURNED TO CUSTOMER	8	Yes	Yes	Filler	Yes
		Numeric. Format CCYYMMDD.					
							* MPE Only – providing these dates in a Detail Record will be reviewed in the future.

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
Processing Statistics Summary							
71	81	TOTAL NUMBER OF RECORDS PROCESSED	11	Yes	Yes	Yes	Yes
82	92	TOTAL NUMBER OF NCOALink QUERIES PERFORMED	11	Yes	Yes	Yes	Yes
93	103	TOTAL NUMBER OF RECORDS MATCHED	11	Yes	Yes	Yes	Yes
104	114	TOTAL NUMBER OF MATCHES REJECTED	11	Yes	Yes	Yes	Yes
115	125	TOTAL NUMBER OF RECORDS Matched to ZIP + 4 File (Should equal total DPV RESPONSE: AA)	11	Yes	Yes	Yes	Yes
126	136	TOTAL NUMBER OF RECORDS DPV CONFIRMED (Sum of DPV Return Code: Y, S, and D)	11	Yes	Yes	Yes	Yes
CASS™/MASS™ Product Information							
137	166	CASS/MASS Software Name	30	Yes	Yes	Yes	Yes
167	178	CASS/MASS Software Version	12	Yes	Yes	Yes	Yes
179	186	CASS/MASS Directory (Data) Release Date	8	Yes	Yes	Yes	Yes
		Numeric. Format CCYYMMDD.					
NCOALink Product Information							
187	216	NCOALink Software Name	30	Yes	Yes	Yes	Yes
217	228	NCOALink Software Version	12	Yes	Yes	Yes	Yes
229	236	NCOALink Data Release Date	8	Yes	Yes	Yes	Yes
		Numeric. Format CCYYMMDD.					
NEW DATA (Formerly DPV Software Information)							
237	251	MAILER ID – <ul style="list-style-type: none"> • MPE Licensees and CLOUD Processing – populate with the MAILER ID for this mailing (REQUIRED) • FSP LSP & EUM Licensees – populate with the anticipated Mailer ID that will be used upon mailing this list. (REQUIRED – IF AVAILABLE) 	15	YES	YES	YES	YES
NCOALink Matches by Type of COA							
252	262	Total Number of Business Matches (NCOALink)	11	Yes	Yes	Yes	Yes
263	273	Total Number of Individual Matches (NCOALink)	11	Yes	Yes	Yes	Yes
274	284	Total Number of Family Matches (NCOALink)	11	Yes	Yes	Yes	Yes
285	286	FILLER	2	Filler	Filler	Filler	Filler
ZIP + 4 File Match Statistics							
287	297	ZIP + 4 File: Total matched to PO Box	11	Yes	Yes	Yes	Yes
298	308	ZIP + 4 File: Total matched to HCR Exact	11	Yes	Yes	Yes	Yes
309	319	ZIP + 4 File: Total matched to RR Default	11	Yes	Yes	Yes	Yes
320	330	ZIP + 4 File: Total matched to Firm	11	Yes	Yes	Yes	Yes
331	341	ZIP + 4 File: Total matched to General Del	11	Yes	Yes	Yes	Yes
342	352	ZIP + 4 File: Total matched to Highrise Default	11	Yes	Yes	Yes	Yes
353	363	ZIP + 4 File: Total matched to Military	11	Yes	Yes	Yes	Yes
364	374	ZIP + 4 File: Total matched to Non-Deliverable	11	Yes	Yes	Yes	Yes
375	385	ZIP + 4 File: Total matched to RR Exact	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
386	396	ZIP + 4 File: Total matched to Street	11	Yes	Yes	Yes	Yes
397	407	ZIP + 4 File: Total matched to HCR Default	11	Yes	Yes	Yes	Yes
408	418	ZIP + 4 File: Total matched to Highrise Exact	11	Yes	Yes	Yes	Yes
419	429	ZIP + 4 File: Total matched to Other	11	Yes	Yes	Yes	Yes
430	440	ZIP + 4 File: Total matched to Pos LACS	11	Yes	Yes	Yes	Yes
441	451	EWS File: Total matched to EWS	11	Yes	Yes	Yes	Yes
New Address Provided by NCOA^{Link}							
452	462	A – Match	11	Yes	Yes	Yes	Yes
463	473	91 – Match with Secondary Number Dropped on COA (Old Side)	11	Yes	Yes	Yes	Yes
474	484	92 – Match with Secondary Number Dropped on Input	11	Yes	Yes	Yes	Yes
From NCOA^{Link} File Build							
485	495	01 – Match – Foreign Move	11	Yes	Yes	Yes	Yes
496	506	02 – Match – Moved Left No Address	11	Yes	Yes	Yes	Yes
507	517	03 – Match – PO Box Closed	11	Yes	Yes	Yes	Yes
518	528	04 – No Match – Family move from Street Address w/Secondary	11	Yes	Yes	Yes	Yes
529	539	05 – Match – New 11 digit DPBC is ambiguous	11	Yes	Yes	Yes	Yes
540	550	06 – No Match – Middle Name Related	11	Yes	Yes	Yes	Yes
551	561	07 – No Match – Gender Related	11	Yes	Yes	Yes	Yes
562	572	08 – No Match – Conflicting Instructions	11	Yes	Yes	Yes	Yes
573	583	09 – No Match – Family move from Highrise default	11	Yes	Yes	Yes	Yes
584	594	10 – No Match – Family move from Rural/HC Route default	11	Yes	Yes	Yes	Yes
595	605	11 – No Match – Individual move – Insufficient name data	11	Yes	Yes	Yes	Yes
606	616	18 – No Match – Family move from General Delivery	11	Yes	Yes	Yes	Yes
617	627	19 – Match – New Address not ZIP + 4 codeable	11	Yes	Yes	Yes	Yes
628	638	20 – No Match – Multiple Response – Conflicting Directions	11	Yes	Yes	Yes	Yes
From NCOA^{Link} File Run							
639	649	12 – No Match – Middle Name test failed	11	Yes	Yes	Yes	Yes
650	660	13 – No Match – Gender test failed	11	Yes	Yes	Yes	Yes
661	671	14 – Match – New Address would not convert	11	Yes	Yes	Yes	Yes
672	682	15 – No Match – Individual Name insufficient on input to match	11	Yes	Yes	Yes	Yes
683	693	16 – No Match – Secondary Number discrepancy	11	Yes	Yes	Yes	Yes
694	704	17 – No Match – Different First Name	11	Yes	Yes	Yes	Yes
From “Daily Delete” Process							
705	715	66 – No Match – Input Address appears in “Daily Delete” suppression file	11	Yes	Yes	Yes	Yes
Footnote from DPV Processing of Input Addresses							
716	726	AA – ZIP + 4 File Match.	11	Yes	Yes	Yes	Yes
727	737	A1 – ZIP + 4 File No Match	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
738	748	M1 – Primary Number missing	11	Yes	Yes	Yes	Yes
749	759	M3 – Primary Number invalid	11	Yes	Yes	Yes	Yes
760	770	P1 – Missing PO, RR or HC Box number	11	Yes	Yes	Yes	Yes
771	781	P3 – Invalid PO, RR or HC Box number	11	Yes	Yes	Yes	Yes
782	792	BB – DPV matched (all components)	11	Yes	Yes	Yes	Yes
793	803	RR – DPV matched to CMRA	11	Yes	Yes	Yes	Yes
804	814	CC – Primary Number Match – Secondary present but invalid	11	Yes	Yes	Yes	Yes
815	825	N1 – Primary Number Match – Secondary missing	11	Yes	Yes	Yes	Yes
826	836	R1 – DPV matched to CMRA – PMB number not present	11	Yes	Yes	Yes	Yes
Move Activity Summary							
837	847	ADDRESSES MATCHED MONTH 0	11	Yes	Yes	Yes	Yes
848	858	ADDRESSES MATCHED MONTH 1	11	Yes	Yes	Yes	Yes
859	869	ADDRESSES MATCHED MONTH 2	11	Yes	Yes	Yes	Yes
870	880	ADDRESSES MATCHED MONTH 3	11	Yes	Yes	Yes	Yes
881	891	ADDRESSES MATCHED MONTH 4	11	Yes	Yes	Yes	Yes
892	902	ADDRESSES MATCHED MONTH 5	11	Yes	Yes	Yes	Yes
903	913	ADDRESSES MATCHED MONTH 6	11	Yes	Yes	Yes	Yes
914	924	ADDRESSES MATCHED MONTH 7	11	Yes	Yes	Yes	Yes
925	935	ADDRESSES MATCHED MONTH 8	11	Yes	Yes	Yes	Yes
936	946	ADDRESSES MATCHED MONTH 9	11	Yes	Yes	Yes	Yes
947	957	ADDRESSES MATCHED MONTH 10	11	Yes	Yes	Yes	Yes
958	968	ADDRESSES MATCHED MONTH 11	11	Yes	Yes	Yes	Yes
969	979	ADDRESSES MATCHED MONTH 12	11	Yes	Yes	Yes	Yes
980	990	ADDRESSES MATCHED MONTH 13	11	Yes	Yes	Yes	Yes
991	1001	ADDRESSES MATCHED MONTH 14	11	Yes	Yes	Yes	Yes
1002	1012	ADDRESSES MATCHED MONTH 15	11	Yes	Yes	Yes	Yes
1013	1023	ADDRESSES MATCHED MONTH 16	11	Yes	Yes	Yes	Yes
1024	1034	ADDRESSES MATCHED MONTH 17	11	Yes	Yes	Yes	Yes
1035	1045	ADDRESSES MATCHED MONTH 18	11	Yes	Yes	Yes	Yes
1046	1056	ADDRESSES MATCHED MONTH 19	11	Yes	Yes	Yes	Yes
1057	1067	ADDRESSES MATCHED MONTH 20	11	Yes	Yes	Yes	Yes
1068	1078	ADDRESSES MATCHED MONTH 21	11	Yes	Yes	Yes	Yes
1079	1089	ADDRESSES MATCHED MONTH 22	11	Yes	Yes	Yes	Yes
1090	1100	ADDRESSES MATCHED MONTH 23	11	Yes	Yes	Yes	Yes
1101	1111	ADDRESSES MATCHED MONTH 24	11	Yes	Yes	Yes	Yes
1112	1122	ADDRESSES MATCHED MONTH 25	11	Yes	Yes	Yes	Yes
1123	1133	ADDRESSES MATCHED MONTH 26	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
1134	1144	ADDRESSES MATCHED MONTH 27	11	Yes	Yes	Yes	Yes
1145	1155	ADDRESSES MATCHED MONTH 28	11	Yes	Yes	Yes	Yes
1156	1166	ADDRESSES MATCHED MONTH 29	11	Yes	Yes	Yes	Yes
1167	1177	ADDRESSES MATCHED MONTH 30	11	Yes	Yes	Yes	Yes
1178	1188	ADDRESSES MATCHED MONTH 31	11	Yes	Yes	Yes	Yes
1189	1199	ADDRESSES MATCHED MONTH 32	11	Yes	Yes	Yes	Yes
1200	1210	ADDRESSES MATCHED MONTH 33	11	Yes	Yes	Yes	Yes
1211	1221	ADDRESSES MATCHED MONTH 34	11	Yes	Yes	Yes	Yes
1222	1232	ADDRESSES MATCHED MONTH 35	11	Yes	Yes	Yes	Yes
1233	1243	ADDRESSES MATCHED MONTH 36	11	Yes	Yes	Yes	Yes
1244	1254	ADDRESSES MATCHED MONTH 37	11	Yes	Yes	Yes	Yes
1255	1265	ADDRESSES MATCHED MONTH 38	11	Yes	Yes	Yes	Yes
1266	1276	ADDRESSES MATCHED MONTH 39	11	Yes	Yes	Yes	Yes
1277	1287	ADDRESSES MATCHED MONTH 40	11	Yes	Yes	Yes	Yes
1288	1298	ADDRESSES MATCHED MONTH 41	11	Yes	Yes	Yes	Yes
1299	1309	ADDRESSES MATCHED MONTH 42	11	Yes	Yes	Yes	Yes
1310	1320	ADDRESSES MATCHED MONTH 43	11	Yes	Yes	Yes	Yes
1321	1331	ADDRESSES MATCHED MONTH 44	11	Yes	Yes	Yes	Yes
1332	1342	ADDRESSES MATCHED MONTH 45	11	Yes	Yes	Yes	Yes
1343	1353	ADDRESSES MATCHED MONTH 46	11	Yes	Yes	Yes	Yes
1354	1364	ADDRESSES MATCHED MONTH 47	11	Yes	Yes	Yes	Yes
1365	1375	ADDRESSES MATCHED MONTH 48	11	Yes	Yes	Yes	Yes
1376	1387	Operator ID	12	Yes	Yes	Filler	Yes
1388	1417	Buyer Company Name	30	Yes	Yes	Filler	Yes
1418	1422	Mailing ZIP Code	5	Yes	Yes	Filler	Yes
1423	1452	End User: Mailing List Name Service Provider: Marketing Test – List Owner Company Name (Company for whom the marketing test is being completed)	30	Yes	Yes	Yes	Yes
DPV Statistics based on ZIP + 4 File Record Type							
1453	1463	ZIP + 4 File: Street (S) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1464	1474	CMRA Presented	11	Yes	Yes	Yes	Yes
1475	1485	CMRA Validated	11	Yes	Yes	Yes	Yes
1486	1496	ZIP + 4 File: High Rise (H) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1497	1507	CMRA Presented	11	Yes	Yes	Yes	Yes
1508	1518	CMRA Validated	11	Yes	Yes	Yes	Yes
1519	1529	ZIP + 4 File: PO Box (P) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1530	1540	ZIP + 4 File: RR/HC (R) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1541	1551	CMRA Presented	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
1552	1562	CMRA Validated	11	Yes	Yes	Yes	Yes
1563	1573	ZIP + 4 File: Firm (F) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1574	1584	CMRA Presented	11	Yes	Yes	Yes	Yes
1585	1595	CMRA Validated	11	Yes	Yes	Yes	Yes
1596	1606	ZIP + 4 File: General Delivery (G) Records – DPV Confirmed (Y, S or D)	11	Yes	Yes	Yes	Yes
1607	1617	Total Primary Number Error	11	Yes	Yes	Yes	Yes
1618	1672	FILLER	55	Filler	Filler	Filler	Filler
1673	1683	Total Secondary Number Error	11	Yes	Yes	Yes	Yes
1684	1694	Street (S) Records with Secondary Number Error	11	Yes	Yes	Yes	Yes
1695	1705	High Rise (H) Records with Secondary Number Error	11	Yes	Yes	Yes	Yes
1706	1716	Firm (F) Records with Secondary Number Error	11	Yes	Yes	Yes	Yes
NCOA^{Link} Daily Delete Release Information (FILLER (formerly LACS^{Link} Product Information))							
1717	1720	NCOA ^{Link} Release Number	4	Yes	Yes	Yes	Yes
1721	1728	NCOA ^{Link} Daily Delete Release Date	8	Yes	Yes	Yes	Yes
1729	1732	NCOA ^{Link} Daily Delete Release Number	4	Yes	Yes	Yes	Yes
1733	1766	Filler	34	Yes	Yes	Yes	Yes
LACS^{Link} Return Codes							
1767	1777	A – LACS Record Match	11	Yes	Yes	Yes	Yes
1778	1788	00 – No Match	11	Yes	Yes	Yes	Yes
1789	1799	14 – Match – Found LACS Record – New Address would not convert	11	Yes	Yes	Yes	Yes
1800	1810	92 – Match with Secondary Number Dropped on Input	11	Yes	Yes	Yes	Yes
From DPV Processing of Input Addresses – Additional Footnote Codes							
1811	1821	F1 – Military	11	Yes	Yes	Yes	Yes
1822	1832	U1 – Unique ZIP Code	11	Yes	Yes	Yes	Yes
1833	1843	G1 – General Delivery	11	Yes	Yes	Yes	Yes
From NCOA^{Link} File Run – Additional Footnote Code							
1844	1854	NL – New address not DPV confirmable with vendor software. (Required only when this code is returned to the customer)*** This field is only for list processing and should MPE Equipment develop the technology, it will become required	11	Yes	Yes	Yes	No
ANK^{Link} and corresponding NCOA^{Link} Return Codes and Definition							
1855	1865	77 – A – Match	11	Filler	Yes	Yes	Yes
1866	1876	77 – 91 – Match with Secondary No. Dropped on COA (Old Side)	11	Filler	Yes	Yes	Yes
1877	1887	77 – 92 – Match with Secondary Number Dropped on Input	11	Filler	Yes	Yes	Yes
1888	1898	77 – 01 – Match – Foreign Move	11	Filler	Yes	Yes	Yes
1899	1909	77 – 02 – Match – Moved Left No Address	11	Filler	Yes	Yes	Yes
1910	1920	77 – 03 – Match – PO Box Closed	11	Filler	Yes	Yes	Yes
1921	1931	77 – 04 – No Match – Family move - Street Address w/Secondary	11	Filler	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
1932	1942	77 – 05 – Match – New 11 digit DPBC is ambiguous	11	Filler	Yes	Yes	Yes
1943	1953	77 – 06 – No Match – Middle Name Related	11	Filler	Yes	Yes	Yes
1954	1964	77 – 07 – No Match – Gender Related	11	Filler	Yes	Yes	Yes
1965	1975	77 – 08 – No Match – Conflicting Instructions	11	Filler	Yes	Yes	Yes
1976	1986	77 – 09 – No Match – Family move from Highrise default	11	Filler	Yes	Yes	Yes
1987	1997	77 – 10 – No Match – Family move from Rural/HC Route default	11	Filler	Yes	Yes	Yes
1998	2008	77 – 11 – No Match – Individual move – Insufficient name data	11	Filler	Yes	Yes	Yes
2009	2019	77 – 18 – No Match – Family move from General Delivery	11	Filler	Yes	Yes	Yes
2020	2030	77 – 19 – Match – New Address not ZIP + 4 codeable	11	Filler	Yes	Yes	Yes
2031	2041	77 – 20 – No Match – Multiple Response – Conflicting Directions	11	Filler	Yes	Yes	Yes
2042	2052	77 – 12 – No Match – Middle Name test failed	11	Filler	Yes	Yes	Yes
2053	2063	77 – 13 – No Match – Gender test failed	11	Filler	Yes	Yes	Yes
2064	2074	77 – 14 – Match – New Address would not convert	11	Filler	Yes	Yes	Yes
2075	2085	77 – 15 – No Match – Individual Name insufficient on input	11	Filler	Yes	Yes	Yes
2086	2096	77 – 16 – No Match – Secondary Number discrepancy	11	Filler	Yes	Yes	Yes
2097	2107	77 – 17 – No Match – Different First Name	11	Filler	Yes	Yes	Yes
2108	2118	77 – 66 – No Match – Input Address appears in “Daily Delete” suppression file	11	Filler	Yes	Yes	Yes
2119	2129	77 – Total records matched using ANK ^{Link}	11	Filler	Yes	Yes	Yes
LACS^{Link} Return Codes – Additional Return Code							
2130	2140	09 – LACS ^{Link} – Old Addr Highrise Default – No New Address	11	Yes	Yes	Yes	Yes
NCOA^{Link} Product Version							
2141	2141	NCOA ^{Link} Product Version	1	Yes	Yes	Yes	Yes
		A = 48 HASH					
		B = 48 FLAT					
		C = 18 HASH					
		D = 18 FLAT					
		E = ANK HASH					
		F = ANK FLAT					
2142	2142	High Match Rate Description – NCOA ^{Link} Match Percentage Greater than 20 %	1	Yes	Yes	Yes	Filler
		A = ANK ^{Link} Extract File (FSP Only)					For MPE this field should be filler. Licensees are only required to populate this field if one of the described options are met.
		S = Stage I or Stage II File					
		R = Returned Mail File					
FILLER (Formerly - Stand Alone Suite^{Link} Product Information – Full Service Providers Only)							
2143	2192	FILLER	50	Filler	Filler	Filler	Filler
SUITE^{Link} Return Codes							
2193	2203	Suite ^{Link} Return Code A – Match	11	Yes	Yes	Yes	Yes
2204	2214	Suite ^{Link} Return Code 00 – No Match	11	Yes	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
NCOA^{Link} Return Codes (Continued)							
2215	2225	NCOA^{Link} Return Code 21 – TEST MATCH	11	Yes	Yes	Yes	Yes
2226	2236	NCOA^{Link} Return Code 22 – TEST NO MATCH	11	Yes	Yes	Yes	Yes
2237	2247	NCOA ^{Link} Return Code 23 – To Be Determined	11	Yes	Yes	Yes	Yes
2248	2258	NCOA ^{Link} Return Code 24 – To Be Determined	11	Yes	Yes	Yes	Yes
2259	2269	NCOA ^{Link} Return Code 25 – To Be Determined	11	Yes	Yes	Yes	Yes
2270	2280	NCOA ^{Link} Return Code 26 – To Be Determined	11	Yes	Yes	Yes	Yes
2281	2291	NCOA ^{Link} Return Code 27 – To Be Determined	11	Yes	Yes	Yes	Yes
2292	2302	NCOA ^{Link} Return Code 28 – To Be Determined	11	Yes	Yes	Yes	Yes
2303	2313	NCOA ^{Link} Return Code 29 – To Be Determined	11	Yes	Yes	Yes	Yes
2314	2324	NCOA ^{Link} Return Code 30 – To Be Determined	11	Yes	Yes	Yes	Yes
ANK^{Link} Return Codes (Continued)							
2325	2335	77 – 21 – ANK^{Link} TEST MATCH	11	Filler	Yes	Yes	Yes
2336	2346	77 – 22 – ANK^{Link} TEST NO MATCH	11	Filler	Yes	Yes	Yes
2347	2357	77 – 23 – To Be Determined	11	Filler	Yes	Yes	Yes
2358	2368	77 – 24 – To Be Determined	11	Filler	Yes	Yes	Yes
2369	2379	77 – 25 – To Be Determined	11	Filler	Yes	Yes	Yes
2380	2390	77 – 26 – To Be Determined	11	Filler	Yes	Yes	Yes
2391	2401	77 – 27 – To Be Determined	11	Filler	Yes	Yes	Yes
2402	2412	77 – 28 – To Be Determined	11	Filler	Yes	Yes	Yes
2413	2423	77 – 29 – To Be Determined	11	Filler	Yes	Yes	Yes
2424	2434	77 – 30 – To Be Determined	11	Filler	Yes	Yes	Yes
ANK^{Link} Matching (New Records)							
2435	2445	Total Number of Business Matches (ANK^{Link})	11	Filler	Yes	Yes	Yes
2446	2456	Total Number of Individual Matches (ANK^{Link})	11	Filler	Yes	Yes	Yes
2457	2467	Total Number of Family Matches (ANK^{Link})	11	Filler	Yes	Yes	Yes
NCOA^{Link} Additional Match Return Codes							
2468	2478	NCOA^{Link} Return Code 93 – To Be Determined	11	Yes	Yes	Yes	Yes
2479	2489	NCOA^{Link} Return Code 94 – To Be Determined	11	Yes	Yes	Yes	Yes
2490	2500	NCOA^{Link} Return Code 95 – To Be Determined	11	Yes	Yes	Yes	Yes
ANK^{Link} Additional Match Return Codes							
2501	2511	77 Return Code 93 – To Be Determined	11	Filler	Yes	Yes	Yes
2512	2522	77 Return Code 94 – To Be Determined	11	Filler	Yes	Yes	Yes
2523	2533	77 Return Code 95 – To Be Determined	11	Filler	Yes	Yes	Yes

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Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
2534	2539	FILLER	6	Filler	Filler	Filler	Filler
New DPV Extended Footnotes and Data Flags (Must Be Populated)							
2540	2550	Total Count DPV NDD (Non Delivery Days) Flag = 'Y' NOTE: THE USPS WILL NOT BE COUNTING THE SPECIFIC NON DELIVERY DAYS. The USPS is only interested in the number of record that match to the Non Delivery Day flag, leading to the querying of the NDD Values Table.	11	Yes	Yes	Yes	Yes
2551	2561	Total Count Secondary Required (NoStat Table Reason Code 06)	11	Yes	Yes	Yes	Yes
2562	2572	Total Count Extended DPV Return Code 'Y'	11	Yes	Yes	Yes	Yes
2573	2583	Total Count Extended DPV Return Code 'S'	11	Yes	Yes	Yes	Yes
2584	2594	Total Count Extended DPV Return Code 'D'	11	Yes	Yes	Yes	Yes
2595	2605	Total Count Extended DPV Return Code 'N'	11	Yes	Yes	Yes	Yes
2606	2616	Total Count Extended DPV Return Code 'Blank'	11	Yes	Yes	Yes	Yes
2617	2627	Filler	11	Yes	Yes	Yes	Yes
2628	2638	Total Count Extended DPV Return Code 'R'	11	Yes	Yes	Yes	Yes
DPV Return Codes (Traditional Return Codes – Must Be Populated)							
2639	2649	Count of DPV Return Code = Y -	11	Yes	Yes	Yes	Yes
2650	2660	Count of DPV Return Code = S -	11	Yes	Yes	Yes	Yes
2661	2671	Count of DPV Return Code = D -	11	Yes	Yes	Yes	Yes
2672	2682	Count of DPV Return Code = N -	11	Yes	Yes	Yes	Yes
2683	2693	Count of DPV Return Code = BLANK	11	Yes	Yes	Yes	Yes
2694	2704	Count of DPV Vacant Flag = Y	11	Yes	Yes	Yes	Yes
2705	2715	Count of DPV CMRA Flag = Y	11	Yes	Yes	Yes	Yes
2716	2726	Count of DPV No Stat Flag = Y	11	Yes	Yes	Yes	Yes
MAS (Move Activity Summary) for the PSR (Processing Summary Report)							
2727	2737	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 0-3	11	Yes	Yes	Yes	Yes
2738	2748	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 4-6	11	Yes	Yes	Yes	Yes
2749	2759	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 7-12	11	Yes	Yes	Yes	Yes
2760	2770	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 13-18	11	Yes	Yes	Yes	Yes
2771	2781	Sum of Match Return Codes A, 91 and 92 with Move Effective Month: Mon 19 +	11	Yes	Yes	Yes	Yes
2782	2782	Internal Database Flag – The Literal 'I' should be populated when processing internal databases per Section 4.3 of the License Agreement. This includes files for any related company such as parent, sister, subsidiary, or etc....	1	Yes	Filler	Filler	Filler
New DPV Extended Return Code & Footnote (Must Be Populated)							
2783	2793	Total Count DPV Footnote 'C1'	11	Yes	Yes	Yes	Yes
2794	2804	Total Count DPV Footnote 'TA'	11	Yes	Yes	Yes	Yes
2805	2814	FILLER	10	Filler	Filler	Filler	Filler

NCOALink® CSL Detail Record Layout page 11 of 12

Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
MAIL PROCESSING EQUIPMENT REPORTING							
		<ul style="list-style-type: none"> • The following fields are for any processing done for MAIL PROCESSING EQUIPMENT PROCESSING (e.g. – MLOCR, FLATS Sorter, etc.) • The fields are required for Full & Limited Service providers using the product in the MPE Cloud Environment (for further information refer to the NCOALink MPE software and Hardware Performance Requirements document at NCOALink® PostalPro (usps.com)) • End Users are not eligible for this process 					
2815	2817	MPE Processing Modes	3	OPT Yes	OPT Yes	Filler	Yes
		<p>ACT = Active Processing, all mailpieces enter the mailstream with COA Information sprayed on the mailpiece. COA Data may only be returned via an electronic option.</p> <p>NRP = Notification via returned mailpiece. All Mailpieces are outsorted for return to the customer. Mailpieces or photocopies must be returned to the customer. Mailpieces do not enter the mailstream without further handling.</p> <p>FAC = Facsimile – Facimiles of mailpieces are processed through the MPE. COA Information or appropriate NCOALink Return Code is sprayed on the mailpiece. All mailpieces are returned to the customer.</p> <p>DBS = Delivery Point Barcode Reader – No COA information is sprayed on the mailpieces..</p> <p>FLT = Flats Processing. No COA information or NCOALink Information is returned to the customer. The outsorted mailpieces are returned to the customer or destroyed.</p> <p>NOTE: Any Flats processing is reported as processing mode FLT.</p>					
2818	2818	Mail Pieces Returned to Customer (<ul style="list-style-type: none"> • Y – yes, mail pieces returned to customer. • N – no mail pieces not returned to customer 	1	OPT Yes	OPT Yes	Filler	Yes
2819	2819	Photocopies of Mailpieces Returned to Customer <ul style="list-style-type: none"> • Y – yes, photocopies of mail pieces returned to customer. • N – no, photocopies of mail pieces not returned to customer 	1	OPT Yes	OPT Yes	Filler	Yes
2820	2820	Electronic Image of Mailpiece Returned to Customer <ul style="list-style-type: none"> • Y – yes, mail pieces returned to customer. • N – no mail pieces not returned to customer 	1	OPT Yes	OPT Yes	Filler	Yes
2821	2821	Electronic Record of Returned to Customer <ul style="list-style-type: none"> • Y – yes, electronic record returned to customer. • N – no electronic record not returned to customer 	1	OPT Yes	OPT Yes	Filler	Yes
2822	2822	Electronic Report Returned to Customer <ul style="list-style-type: none"> • Y – yes, electronic report returned to customer. • N – no electronic report not returned to customer 	1	OPT Yes	OPT Yes	Filler	Yes
2823	2835	MASS ID FOR MPE or UNIQUE MPE Serial Number NOTE: In the cloud environment this must be the MASS ID.	13	OPT Yes	OPT Yes	Filler	Yes
2836	2836	REJECT Processing – The Literal 'R' should be populated when processing Rejected Mailpieces	1	OPT Yes	OPT Yes	Filler	Yes
MAS (Move Activity Summary) for the PSR (Processing Summary Report) (continued)							
2837	2847	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 0-3	11	Yes	Yes	Yes	Yes
2848	2858	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 4-6	11	Yes	Yes	Yes	Yes
2859	2869	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 7-12	11	Yes	Yes	Yes	Yes
2870	2880	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 13-18	11	Yes	Yes	Yes	Yes
2881	2891	Sum of Match Return Codes 01, 02 and 03 with Move Effective Month: Mon 19 +	11	Yes	Yes	Yes	Yes
2892	2902	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 0-3	11	Yes	Yes	Yes	Yes
2903	2913	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 4-6	11	Yes	Yes	Yes	Yes
2914	2924	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 7-12	11	Yes	Yes	Yes	Yes

NCOA^{Link}® CSL Detail Record Layout page 11 of 12

Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	EUM Detail	MPE Detail
2925	2935	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 13-18	11	Yes	Yes	Yes	Yes
2936	2946	Sum of Match Return Codes 05, 14 and 19 with Move Effective Month: Mon 19 +	11	Yes	Yes	Yes	Yes
New DPV Extended Footnotes (Must Be Populated)							
2947	2957	Total Count DPV Footnote 'PB'	11	Yes	Yes	Yes	Yes
2958	2668	Total Count DPV Footnote 'R7'	11	Yes	Yes	Yes	Yes
2969	2979	Total Count DPV DNA Flag = 'Y'	11	Yes	Yes	Yes	Yes
2980	2990	Total Count DPV NSL Flag = 'Y'	11	Yes	Yes	Yes	Yes
2991	2999	FILLER	9	Yes	Yes	Yes	Yes
3000	3000	Record Type – H = Header/ D = Detail	1	Yes	Yes	Yes	Yes
		CR/LF - Carriage Return/Line Feed required at end of the record.					

CYCLE O NCOA^{Link}® CSL Reporting Key and General Information.

Filler – blank

Yes – required

OPT Yes – required Output when Full/Limited Service Provider is providing MPE Cloud Processing

Opt – Optional output, licensee has the option to provide the data

* Yes * – field is required, but the return code has not yet been defined.

NCOA ^{Link} ® Approved Processing Categories						
Position From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	MPE Detail
19	28	PROCESSING CATEGORY	10	Yes	Yes	Yes
Code	Description	Disposition of Results				
EMP TRAIN	File processed as part of employee training.	Results discarded; no update performed or information released.				
INT DB TST	Testing involving proprietary Licensee database.	No updates performed; results discarded after analysis.				
MKTG TEST	Testing involving external customer lists.	Return information consists of statistics only; COA data is discarded, not returned to customer.				
NORMAL	Process mailing list for update prior to mailing.	COA information provided to mailer and/or mailer's representative.				
STAGE I	Test of matching performance against USPS self-test file.	Results used for internal program analysis and subsequently discarded.				
STAGE II	Test of matching performance scored by USPS.	Output transmitted to USPS for evaluation and discarded when test results finalized.				
SYS TEST	File processed as part of system testing such as loading of USPS file updates.	Results discarded; no updates performed or information released.				

Effective 10/1/2008 MPE Licensees will only return NORMAL or STAGE II.

Chart for Month Indicators (decimal)			
Indicator	Month	Indicator	Month
1	January	7	July
2	February	8	August
3	March	9	September
4	April	A	October
5	May	B	November
6	June	C	December

CYCLE O NCOA^{Link}® Monthly Processing Acknowledgement Form Report (PAF Log)

PAF Log Header Record Layout						
Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	MPE Header
1	4	LICENSEE PLATFORM ID	4	Yes	Yes	Yes
5	10	NCOA ^{Link} Report Version Number – this will be the literal 'V00004'	6	Yes	Yes	Yes
11	18	NUMBER OF RECORDS	8	Yes	Yes	Yes
19	799	Filler	781	Filler	Filler	Filler
800	800	Record Type – H = Header/ D = Detail	1	Yes	Yes	Yes
		CR/LF				
		Carriage Return/Line Feed required at end of the record.				

PAF Log Detail Record Layout						
Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	MPE Detail
1	18	PAF ID	18	Yes	Yes	Yes
		1-4 Licensee Platform ID (USPS assigned)		Yes	Yes	Yes
		5-10 List Owner NAICS Code		Yes	Yes	Yes
		11-12 Frequency of processing		Yes	Yes	Yes
		13-18 List ID (Licensee assigned)		Yes	Yes	Yes
19	68	Company Name	50	Yes	Yes	Yes
69	118	Address	50	Yes	Yes	Yes
119	146	City	28	Yes	Yes	Yes
147	148	State	2	Yes	Yes	Yes
149	153	ZIP Code	5	Yes	Yes	Yes
154	157	ZIP Code Plus 4	4	Yes	Yes	Yes
158	167	Telephone Number	10	Yes	Yes	Yes
168	217	Name of Person signing PAF	50	Yes	Yes	Yes
218	267	Title of person signing PAF	50	Yes	Yes	Yes
268	275	Date Signed by Customer Numeric: Format – CCYYMMDD	8	Yes	Yes	Yes
276	276	Type of PAF (I – Initial, R – Renewal, M – Modification)	1	Yes	Yes	Yes
277	306	List Name	30	Yes	Yes	Yes
307	321	Mailer ID (optional, provide if available)	15	Yes	Yes	Yes
322	333	FILLER	12	Yes	Yes	Yes
334	383	Parent Company (required, if applicable)	50	Yes	Yes	Yes
384	433	Alternate Company Used for marketing purposes or 'dba' name (required, if applicable)	50	Yes	Yes	Yes
434	449	Broker/Agent ID (licensee assigned) (required, if applicable)	16	Yes	Yes	Filler

PAF Log Detail Record Layout (page 2 of 2)

Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	MPE Detail
450	457	Date Signed by Broker/Agent Numeric: Format – CCYYMMDD	8	Yes	Yes	Filler
458	473	List Administrator ID (licensee assigned) (required, if applicable)	16	Yes	Yes	Filler
474	481	Date Signed by List Administrator	8	Yes	Yes	Filler
482	489	Date Signed by NCOA ^{Link} Licensee	8	Yes	Yes	Yes
490	553	Email address of person signing PAF – required	64	Yes	Yes	Yes
554	593	Company web site – required	40	Yes	Yes	Yes
594	594	Equivalent Alternative PAF Indicator -- The literal "A" in this field indicates an Alternative PAF was used.	1	Yes	Yes	Yes
595	595	Cooperative Database Indicator – The literal "C" in this field indicates that this list owner is part of a cooperative database.	1	Yes	Yes	Yes
596	623	URBANIZATION	28	Yes	Yes	Yes
624	638	USPS CRID for List/Mail Owner (optional, provide if available)	15	Yes	Yes	Yes
639	799	Filler	161	Yes	Yes	Yes
800	800	Record Type – H = Header/ D = Detail	1	Yes	Yes	Yes
		CR/LF				
		Carriage Return/Line Feed required at end of the record.				

CYCLE O NCOALink® Monthly Broker-Agent/List Administrator Log (BALA File)

BALA File Header Record Layout

Record From	Position To	Field Name & Description	Length	FSP Header	LSP Header	MPE Header
1	4	LICENSEE PLATFORM ID	4	Yes	Yes	Yes
5	10	NCOALink Report Version Number – this will be the literal 'V00004'	6	Yes	Yes	Yes
11	18	NUMBER OF RECORDS	8	Yes	Yes	Yes
19	299	FILLER	281	Yes	Yes	Yes
300	300	Record Type – H = Header/ D = Detail	1	Yes	Yes	Yes
		CR/LF				
		Carriage Return/Line Feed required at end of the record.				

BALA File Detail Record Layout

Record From	Position To	Field Name & Description	Length	FSP Detail	LSP Detail	MPE Detail
1	16	PAF ID	16	Yes	Yes	Yes
		1-4 Licensee Platform ID (USPS assigned)		Yes	Yes	Yes
		5-10 NAICS Code		Yes	Yes	Yes
		11-16 BALA ID (Licensee Assigned)		Yes	Yes	Yes
17	66	Company Name	50	Yes	Yes	Yes
69	116	Address	50	Yes	Yes	Yes
117	144	City	28	Yes	Yes	Yes
145	146	State	2	Yes	Yes	Yes
147	151	ZIP Code	5	Yes	Yes	Yes
152	155	ZIP Code Plus 4	4	Yes	Yes	Yes
156	165	Telephone Number	10	Yes	Yes	Yes
166	177	Filler	12	Yes	Yes	Yes
178	178	BALA Indicator (Broker – B or List Administrator – L)	1	Yes	Yes	Yes
179	218	Company web site (optional)	40	Yes	Yes	Yes
219	246	Urbanization	28	Yes	Yes	Yes
247	299	Filler	53	Yes	Yes	Yes
300	300	Record Type – H = Header/ D = Detail	1	Yes	Yes	Yes
		Carriage Return/Line Feed required at end of the record.				

CLARIFICATION: A company can be both a broker and a list administrator, however they cannot be both for the same list ID. Two records should be entered for all companies that are function as brokers and list administrators for different customers.

Modifications

- **December 30, 2022**
 - Update document to include Cycle N and Cycle O reporting requirements.
 - Removed references to NCOA^{Link} Distributor Report (Discontinued in 2008).
 - Added purpose section at beginning.
- **January 11, 2023**
 - Update document to clarify inconsistencies.