



**Product Tracking System
Release Notes
Releases 12.1.1a and 12.1.1b, FY2012**

External Use

UNITED STATES POSTAL SERVICE DOCUMENT

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Product Tracking System

Releases 12.1.1a and 12.1.1b Version 1 External Release Notes

The United States Postal Service (USPS) Product Tracking System (PTS) will implement two releases in October 2011.

Release 12.1.1a will occur on October 16, 2011. Table updates will be applied during the evening of 10/15/2011 EDT. Software changes will be installed beginning 10/16/2011 at 9:00 AM EDT and ending by 10/16/2011 12:00 PM EDT.

Release 12.1.1b will occur on October 30, 2011. Table updates will be applied during the evening of 10/29/2011 EDT. Software changes will be installed beginning 10/30/2011 at 9:00 AM EDT and ending by 10/30/2011 12:00 PM EDT.

These Release Notes are prepared to notify you of the changes that will be implemented and how they will affect the following areas.

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1. Mailers and Shippers

The primary focus of PTS Releases 12.1.1a and 12.1.1.b is to implement changes for the following:

- Electronic Firm Sheet
- PTS changes for Scan Based Payment
- Originating enroute Track & Confirm scripting
- Dispatch scan at retail unit and plants
- Shipping service Program Registration interface modifications
- PTS changes for the eVS Reconciliation Extract
- Compressed extract files
- New returns portfolio
- Visibility and scripting enhancements
- Additional tactics for addressing errant container scans
- Typo fix for the first level script for the DX event

In addition, several infrastructure changes will be implemented for Release 12.1.1.b.

The following items will be included in Releases 12.1.1a and 12.1.1b, and are of interest to external users who communicate electronically with USPS by sending electronic files containing package information.

1.1 Release 12.1.1a - October 16th, 2011

1.1.1 PTS Changes for Scan Based Payment

The Scan Based Payment (SBP) module is being developed to accept, process, and report on mailings based on specific physical scan events received from PTS, and also based on specified service type codes.

The following new additional services code will be added for Scan Based Payment, and will only be used by SBP-specific service type codes.

Table 1 – New Additional Services Code for Scan Based Payment

Additional Services Code	Description
450	Scan Based Payment

New service type codes for Scan Based Payment will also be added, as shown in the following table. These service type codes are for use only by Scan Based Payment.

Table 2 – New Service Type Codes for Scan Based Payment

Service Type Code	Description
040	Priority Mail Delivery Confirmation with SBP
041	Priority Mail Signature Confirmation with SBP
042	First-Class Delivery Confirmation with SBP
043	First-Class Signature Confirmation with SBP
044	Parcel Return Service with SBP
740	Critical Mail SBP Letters
741	Critical Mail SBP Flats

In addition, a number of existing returns service type codes will also be used by Scan Based Payment. These service type codes can be used by Scan Based Payment as well as other services, and are listed in the following table.

Table 3 – Other Service Type Codes for Use by Scan Based Payment

Service Type Code	Description
019	Priority Mail Return Service
020	First-Class Package Return Service
022	First-Class Package Return Service
024	Deferred Recovery Service
117	Priority Mail Merchandise Return
216	First Class Merchandise Return
396	Parcel Post Merchandise Return
596	Priority Mail Return Service Insurance <= \$200
597	First-Class Package Return Service Insurance <= \$200
598	Ground Return Service Insurance <= \$200
599	Priority Mail Return Service Insurance > \$200
600	First-Class Package Return Service Insurance > \$200
601	First-Class Package Return Service Insurance > \$200
667	Priority Mail Insurance <= \$200 Delivery Confirmation Merchandise Return
668	Priority Mail Insurance > \$200 Delivery Confirmation Merchandise Return
669	First-Class Packages Insurance <= \$200 Delivery Confirmation Merchandise Return
670	First-Class Packages Insurance > \$200 Delivery Confirmation Merchandise Return
671	Parcel Post Insurance <= \$200 Delivery Confirmation Merchandise Return
672	Parcel Post Insurance > \$200 Delivery Confirmation Merchandise Return

1.1.2 Originating Enroute Track & Confirm Scripting

This change improves visibility of the enroute scan event. This supports the effort to identify and display on Track & Confirm when an enroute scan is generated at the origin processing facility based on the origin plant mapping. Specific Track & Confirm scripting will be applied if the enroute scan is origin, as indicated in the table below. If the enroute scan is not identified as origin, then current default Track & Confirm scripting will be applied.

Table 4 – Scripting for Origin Acceptance (OA) Scan Event

Event Code	First-Level Scripting	Second-Level Scripting
OA	'Your item has been accepted at the origin sort facility at (time) on (date) in (city, state, ZIP Code).'	'Accepted at USPS Origin Sort Facility [Date, Time, City State ZIP]'

A sample Track & Confirm screen with the OA event code scripting is shown in the figure below.

Figure 1 – Track & Confirm with OA Event Code Scripting

The screenshot shows the USPS.com Track & Confirm interface. At the top, there is a search bar and navigation links for 'Quick Tools', 'Ship a Package', 'Send Mail', 'Manage Your Mail', 'Shop', and 'Business Solutions'. The main heading is 'Track & Confirm'. Below this, there are buttons for 'GET EMAIL UPDATES' and 'PRINT DETAILS'. The tracking table shows the following data:

YOUR LABEL NUMBER	SERVICE	STATUS OF YOUR ITEM	DATE & TIME	LOCATION	FEATURES
9400110200793007690017	First-Class Mail®	Processed through USPS Sort Facility	September 08, 2011, 4:56 am	CAPITOL HEIGHTS, MD 20790	Delivery Confirmation™
		Electronic Shipping Info Received	September 28, 2011		
		Accepted at USPS Origin Sort Facility	September 08, 2011, 4:56 am	CAPITOL HEIGHTS, MD 20790	

Below the table, there is a section titled 'Check on Another Item' with a text input field for 'What's your label (or receipt) number?' and a 'Find' button.

1.1.3 Dispatch Scan at Retail Unit and Plants

With the previous release, two new scan events were created, Dispatched to Sort Facility and Dispatched from Sort Facility. Change requests are modifying the previously implemented functionality in the following manner:

1. The EF event ('Dispatched from Sort Facility') was initially generated only for Priority Mail and Express Mail items. Now, all classes of mail will be eligible for this event.
2. The EF event ('Dispatched from Sort Facility') was initially generated only once per mail piece. Now, if the criteria are met, items may have one EF event per unique facility per day.
3. The EF event ('Dispatched from Sort Facility') was initially available to be generated only for items that were processed via specific types of equipment. Now, assuming all other criteria are met, items with enroute scans from any type of equipment are eligible for the EF event generation process.
4. The time of the EF event will not be displayed on Track & Confirm or in customer extracts.
5. The SF event ('Dispatched to Sort Facility') was initially intended for all types of items getting certain retail acceptance scans. However, we will no longer be generating the SF event for Parcel Return Service items, as these items are not dispatched with all other mail.

1.1.4 New Returns Portfolio

This change request introduces a new additional services code and several new service type codes to support changes to the portfolio of products being offered for USPS Returns Service. Tracking will be offered for the new product suite via Track & Confirm on the web and via the call center and IVR.

The following new additional services code for returns will be added.

Table 5 – New Additional Services Code for Returns

Additional Services Code	Description
455	Returns Service

New service type codes for returns will also be added, as shown in the following table.

Table 6 – New Service Type Codes for Returns

Service Type Code	Description
019	Priority Mail Return Service
020	First-Class Package Return Service
022	Ground Return Service
596	Priority Mail Return Service Insurance <= \$200
597	First-Class Package Return Service Insurance <= \$200
598	Ground Return Service Insurance <= \$200
599	Priority Mail Return Service Insurance > \$200
600	First-Class Package Return Service Insurance > \$200
601	Ground Return Service Insurance > \$200

1.1.5 Visibility and Scripting Enhancements

The goal of this change request is to add consistency to some of the container-generated events recently added to PTS. The change covers the following primary areas:

- 1) Internal system changes
- 2) Extracting edits
- 3) Track & Confirm scripting changes

Internal system changes

The system will change the event description for several events, as show in the following table.

Table 7 – Event Description Changes

Event Code	Description
EF	Dispatched from USPS Sort Facility
OD	Processed at USPS Destination Facility
10	Processed through USPS Sort Facility

Extracting edits

Event code "C1" will no longer be extracted.

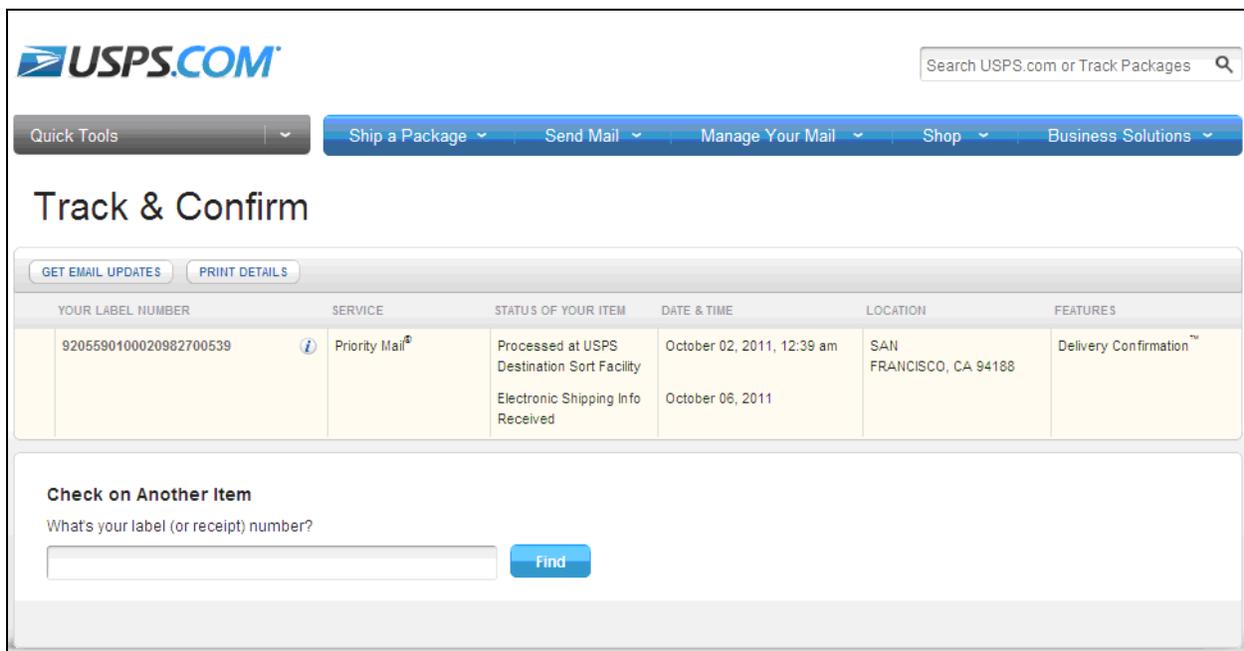
For the event codes above that have new descriptions, these new descriptions will be included in the customer extracts.

Additional event description changes will be made in the extract, as show in the following table.

OA	'Your item has been accepted at our origin sort facility at TIME on DATE in CITY, STATE ZIP CODE.'	'Accepted at USPS Origin Sort Facility, DATE, TIME, CITY, STATE ZIP CODE.'
OD	'Your item was processed at our CITY, STATE, ZIP CODE destination sort facility on DATE at TIME.'	'Processed at USPS Destination Sort Facility DATE, TIME, CITY, STATE ZIP CODE.'
R1	N/A	'Depart USPS Sort Facility DATE, TIME, CITY, STATE ZIP CODE.'
SF	'Your item has left our acceptance facility and is in transit to a sorting facility on DATE at TIME in CITY, STATE ZIP CODE.'	N/A
T1	N/A	'Arrive USPS Sort Facility DATE, TIME, CITY, STATE ZIP CODE.'
U1	N/A	'Depart USPS Sort Facility DATE, TIME, CITY, STATE ZIP CODE.'
10 (and other 'Processed' events)	N/A	'Processed through USPS Sort Facility, DATE, TIME, CITY, STATE ZIP CODE.'

Sample Track & Confirm screens for the modified OD event description is shown in the following figure.

Figure 5 – Sample Track & Confirm Screen for the Modified OD Event



1.1.6 Additional Tactics for Addressing Errant Container Scans

These changes continue to improve upon our process of generating scans for mail pieces nested inside a container when the container barcode is scanned.

For customer extracts, the system is modifying its rules for populating scan event data in extract files to exclude errant container-generated scans. The system will suppress from the extract files a container-generated scan with an event date / time that is later than the event date / time of an 07 ('Arrival at Unit') event.

1.1.7 Typo Fix for the First Level Script for the DX Event

There was a typo in the first-level scripting on the external Track & Confirm display for the DX ('Delivery Status Not Updated') event. With this release, the typo is corrected.

1.2 Release 12.1.1b - October 30th, 2011

1.2.1 Electronic Firm Sheet

Commercial customers with large volumes of caller mail, picked up at a USPS delivery unit, require an electronic method of reconciling mail accepted by their couriers to the mail pieces actually received by the end customer. This initiative will establish a new Electronic Firm Sheet extract that associates the piece level tracking label number to a firm sheet ID that can be electronically sent to such large commercial customers.

See Appendix A for a layout of the Electronic Firm Sheet.

1.2.2 Shipping Services Program Registration Interface Modifications

Starting 10/31/2011, customers will be able to interface with Program Registration, via the Business Customer Gateway, to enroll in package services programs (e.g., Confirmation Services, Express Mail, eVS, PRS). Customers will no longer access the Mailer ID Tool to obtain a Mailer ID and submit a PS Form 5051 to NCSC.

1.2.3 PTS Changes for eVS Reconciliation Extract

With this release, PTS will begin providing the new eVS Reconciliation Extract to eVS commercial customers, who specify in Program Registration that they would like to receive the extract. The Reconciliation Extract is being developed in response to requests from eVS mailers for monthly reconciliation data and adjustment calculations. eVS Customers will have the ability to elect to receive the Reconciliation Extract via an indicator to be added to Program Registration.

The Reconciliation Extract will provide the following types of adjustments:

- Postage Sample Factor Adjustments
- Duplicate Packages Postage Due
- Unmanifested Packages Postage Due
- Destination Entry Mis-Shipped Discount Adjustments
- Manifest Error Adjustments
- Presort Exceptions Discount Adjustments
- Content Eligibility Discount Adjustments
- Shipping Fees Adjustments
- Ad-Hoc Charges

The Reconciliation Extract will be produced 3 times per month by eVS, and will be provided to customers as well as the additional mailers they specify in Program Registration:

- The Initial Notice Reconciliation Extract will be produced on the 1st of the month. The Initial Notice Reconciliation Extract will include details for pending adjustments for mailers.
- The Interim Notice Reconciliation Extract will be produced on the 11th of the month. The Interim Notice Reconciliation Extract will provide information about additional pending adjustments not included in the Initial Reconciliation Extract that was produced on the 1st of the month.
- The Advice Reconciliation Extract will be produced on or after the 21st of the month. The Advice Reconciliation Extract will contain actual adjustments for mailers who incur additional postage. Customers could potentially receive one or more Advice Reconciliation Extracts.

See Appendix B for a layout of the Reconciliation Extract.

1.2.4 Compressed Extract Files

Per customer request, the USPS will begin offering commercial customers the option to receive their extract files in a compressed format. Customers can currently transmit inbound files to PTS in a compressed format, but they do not have the option to receive extract files in a compressed format. Customers will be able to specify in Program Registration if they would like to receive their extract files in a compressed or non-compressed format, and PTS will produce extract files for the customer in the specified format.

File compression will be available for the following files:

- Confirmation/Error/Warning Files
- Extract Files, including the following:
 - Electronic Firm Sheet Extract
 - Postage Extract
 - Reconciliation Extract
 - Scan Event Extract File (1.3, and 1.5)
 - Unmanifested File

1.2.5 EF ('Dispatched from Sort Facility') Event Changes

With this release, the description for the EF event ('Dispatched from Sort Facility') is changing to 'Depart USPS Sort Facility'. See below for a sample extract record with the new description for the EF event.

Figure 6 – Sample File Format 1.5 Extract Record for 'EF' Scan Event

```
"015","420787279405503699300167591648 ","9475001699320774016020 ","699320 ","  
"," ","","18702","WILKES BARRE,PA ","EF","DEPART USPS SORT FACILITY  
","20110627","2300"," ","5129058 "," "  
","2","000010000","00000000","0000"," "," " 9405503699300167591648  
699320 015
```

1.2.6 Infrastructure Changes

These changes require no changes by customers, and are transparent.

- **EDI Header/Detail 210, 214, 864**

A modification is being made to the EDI Transaction 210, 214 and 864 file to improve the processing of these files. This change is not adding any additional data to the customer's files.

- **IMpb Barcodes in PTS Input Files, Extracts, and Processes**

The Mis-Shipped Extract and UPS Extract process do not accommodate IMpb barcodes. With this release, the Mis-Shipped Extract and UPS Extract processes will be modified to accommodate IMpb barcodes.

- **V3 EMSEVT events B2, B3 and ED Not Being Processed**

V3 EMSEVT events B2, B3 and ED are not being processed and sent on to V3 International Outbound processing, because the wrong country code is being used to determine if the events need to be processed. This is being corrected with this release.

Appendix A – Firm Extract Layout

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Delimiter Begin	Alpha / Numeric	1	“
2	Extract Qualifier ID	Alpha / Numeric	6	MMC
3	Delimiter 02	Alpha / Numeric	3	“ ” ,
4	Extract Mailer ID	Alpha / Numeric	9	Mailer ID
5	Delimiter 03	Alpha / Numeric	3	“ ” ,
6	Extract Firm Name	Alpha / Numeric	20	Firm name
7	Delimiter 04	Alpha / Numeric	3	“ ” ,
8	Extract Firm Label ID	Alpha / Numeric	34	Firm book ID
9	Delimiter 05	Alpha / Numeric	3	“ ” ,
10	Extract Track Barcode ID	Alpha / Numeric	34	Package ID (PIC)
11	Delimiter 06	Alpha / Numeric	3	“ ” ,
12	Extract Event Date	Alpha / Numeric	10	Event date
13	Delimiter 07	Alpha / Numeric	3	“ ” ,
14	Extract Event Time	Alpha / Numeric	8	Event time
15	Delimiter 08	Alpha / Numeric	3	“ ” ,
16	Extract Transmit Out Indicator	Alpha / Numeric	1	Extract transmission method
17	Delimiter End	Alpha / Numeric	1	“

Appendix B – Reconciliation Extract Version 1.0 Layout

B.1 Header Record

Element Name: Header Record

Description: Header (H1) record will be similar for all adjustment types with one per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	H1
2	Master Mailer ID	Alpha / Numeric	9	
3	Version ID	Alpha / Numeric	3	Default to 010
4	null			
5	Document ID	Alpha / Numeric	4	210R
6	Record Position	Alpha / Numeric	2	00
7	Business Type Indicator	Alpha / Numeric	1	"N" – Notice "I" -- Interim "A" - Advice
8	Business Purpose Indicator	Alpha / Numeric	1	"S" - Supplemental
9	File Processing Date	Alpha / Numeric	8	YYYYMMDD
10	File Processing Number	Alpha / Numeric	19	If notice or interim, YYYYMM of USPS fiscal year, followed by usage indicator, followed by, if applicable, mail class value. If advice, CAPS transaction ID.
11	null			
12	CRID	Alpha / Numeric	15	CRID of master mailer.
13	Master Mailer ID	Alpha / Numeric	9	
14	Permit Number	Numeric (8)	8	
15	null			
16	null			
17	Net Amount Due	Numeric (12,4)	12	If notice or interim, the Total Proposed Amount for all adjustments in the file. If advice, the Total Actual Amount for all adjustments in the file.
18	null			
19	null			
20	Permit Holder Name	Alpha / Numeric	50	

Position	Field Name	Data Type	Size (Bytes)	Definition
21	Permit Holder Address	Alpha / Numeric	100	
22	Permit Holder City	Alpha / Numeric	100	
23	Permit Holder State	Alpha / Numeric	10	
24	Permit Holder ZIP	Alpha / Numeric	20	
25	Permit Holder Contact Name	Alpha / Numeric	100	
26	Permit Holder Contact Number	Alpha / Numeric	20	
27-32	Null			
33	x	Alpha / Numeric	1	'x' character at end of line.

B.2 eVS Postage Sample Factor Adjustment Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Postage Sample Factor Adjustment**. There will be one per file. One mail class per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"PA" - Postage Adjustment
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM (USPS fiscal year and month).
9	CAPS Transaction ID	Alpha / Numeric	19	
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11	null			
12	Average Per-Piece Postage for Mail Class	Numeric (12,4)	12	

Position	Field Name	Data Type	Size (Bytes)	Definition
13	Mail Class Code	Alpha / Numeric	2	
14	null			
15	null			
16	Mail Class Adj Amt Actual	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Mail Class Adj Amt Proposed	Numeric (12,4)	12	if business type indicator is not "A", this field contains the proposed amount, else null
18	Total Pieces of Mail Class Sample for PAF	Numeric (12,4)	12	
19	Total eVS Calculate Manifest Postage	Numeric (12,4)	12	
20	Total eVS Calculated Samples' Postage	Numeric (12,4)	12	
21	null			
22	Calculated Manifest Adjustment Factor	Numeric (12,4)	12	
23	x	Alpha / Numeric	1	'x' character at end of line.

Element Name: Detail Record

Description: This detail (D1) record will describe the fields for the **Postage Sample Factor Adjustment**. There will be zero to many records per postage adjustment file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	D1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"PA" - Postage Adjustment
8	Piece Identification Code (PIC)	Alpha / Numeric	34	
9	Piece Mailer ID	Alpha / Numeric	9	
10	Customer Reference Number	Alpha / Numeric	30	
11	Customer Manifest Transaction ID	Alpha / Numeric	12	

Position	Field Name	Data Type	Size (Bytes)	Definition
12	Main EFN	Alpha / Numeric	34	
13	Sub EFN	Alpha / Numeric	34	
14	Date of Mailing	Alpha / Numeric	8	YYYYMMDD
15	Sampling Date	Alpha / Numeric	8	YYYYMMDD
16-19	null			
20	Manifest Package Destination ZIP	Alpha / Numeric	5	
21	null			
22	USPS ZIP Location of Sample	Alpha / Numeric	5	
23	Manifest Mail Class	Alpha / Numeric	2	
24	Sample Mail Class	Alpha / Numeric	2	
25	null			
26	null			
27	eVS Processing Category	Alpha / Numeric	1	
28	Sample Piece Processing Category	Alpha / Numeric	1	
29	Mailer Routing Barcode	Alpha / Numeric	1	Original mailer value.
30	Sample Pre-barcoded	Alpha / Numeric	1	
31	null			
32	Manifest Weight	Numeric (12,4)	12	
33	Sample Piece Weight	Numeric (12,4)	12	
34	Manifest DIM Weight	Numeric (12,4)	12	
35	Sample DIM Weight	Numeric (12,4)	12	
36	Manifest Length	Numeric (12,4)	12	
37	Sample Length	Numeric (12,4)	12	
38	Manifest Width	Numeric (12,4)	12	
39	Sample Width	Numeric (12,4)	12	
40	Manifest Height	Numeric (12,4)	12	
41	Sample Height	Numeric (12,4)	12	
42	null			
43	eVS Destination Rate Indicator	Alpha / Numeric	1	

Position	Field Name	Data Type	Size (Bytes)	Definition
44	Sample Destination Rate Indicator	Alpha / Numeric	1	Sample Destination Rate Indicator.
45	Mailer Rate Indicator	Alpha / Numeric	2	Original mailer value.
46	Sample Rate indicator	Alpha / Numeric	2	
47	null			
48	null			
49	eVS Calculated Zone	Alpha / Numeric	2	Original mailer value.
50	eVS Sample Piece Zone	Alpha / Numeric	2	Zone based on sample data.
51	null			
52	null			
53	null			
54	eVS Manifest Postage	Numeric (12,4)	12	
55	Sample Piece Postage	Numeric (12,4)	12	
56-80	Null			
81	x	Alpha / Numeric	1	'x' character at end of line.

B.3 eVS Duplicate Packages Postage Due Adjustment Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Duplicate Packages Postage Due Adjustment**. There will be one per file. One mail class per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"DP" – Duplicate Package Postage
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM
9	CAPS Transaction ID	Alpha / Numeric	19	

Position	Field Name	Data Type	Size (Bytes)	Definition
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11	null			
12	Average Per-Piece Postage for Mail Class	Numeric (12,4)	12	
13	Mail Class Code	Alpha / Numeric	2	
14	null			
15	null			
16	Mail Class Adj Amt Actual	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Mail Class Adj Amt Proposed	Numeric (12,4)	12	if business type indicator is not "A", this field contains the proposed amount, else null
18-22	null			
23	x	Alpha / Numeric	1	'x' character at end of line.

Element Name: Detail Record

Description: This detail (D1) record will describe the fields for the **Duplicate Packages Postage Due Adjustment**. There will be zero to many records per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	D1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"DP" – Duplicate Package Postage
8	Piece Identification Code (PIC)	Alpha / Numeric	34	
9	Piece Mailer ID	Alpha / Numeric	9	
10	null			
11	null			
12	Main EFN	Alpha / Numeric	34	
13	Sub EFN	Alpha / Numeric	34	

Position	Field Name	Data Type	Size (Bytes)	Definition
14	PTS Transmission Date	Alpha / Numeric	8	YYYYMMDD
15	Package Scan Date	Alpha / Numeric	8	YYYYMMDD
16-21	null			
22	Scan ZIP Code	Alpha / Numeric	5	
23	null			
24	Mail Class	Alpha / Numeric	2	
25-80	null			
81	x	Alpha / Numeric	1	'x' character at end of line.

B.4 eVS Unmanifested Packages Postage Due Adjustment Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Unmanifested Packages Postage Due Adjustment**. There will be one per file. One mail class per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"UP" – Unmanifested Postage
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM
9	CAPS Transaction ID	Alpha / Numeric	19	
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11	null			
12	Average Per-Piece Postage for Mail Class	Numeric (12,4)	12	
13	Mail Class Code	Alpha / Numeric	2	'NA' for unknown mail class.
14	null			

Position	Field Name	Data Type	Size (Bytes)	Definition
15	null			
16	Mail Class Adj Amt Actual	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Mail Class Adj Amt Proposed	Numeric (12,4)	12	if business type indicator not "A", this field contains the proposed amount, else null
18-22	null			
23	x	Alpha / Numeric	1	'x' character at end of line.

Element Name: Detail Record

Description: This detail (D1) record will describe the fields for the **Unmanifested Packages Postage Due Adjustment**. There will be zero to many records per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	D1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"UP" – Unmanifested Postage
8	Piece Identification Code (PIC)	Alpha / Numeric	34	
9	Piece Mailer ID	Alpha / Numeric	9	
10-13	null			
14	PTS Transmission Date	Alpha / Numeric	8	YYYYMMDD
15	Package Scan Date	Alpha / Numeric	8	YYYYMMDD
16-21	null			
22	Scan ZIP Code	Alpha / Numeric	5	
23	null			
24	Mail Class	Alpha / Numeric	2	'NA' for unknown mail class.
25-54	null			
55	Sample Piece Postage	Numeric (12,4)	12	Postage if the piece was sampled; else null.
55-80	null			
81	x	Alpha / Numeric	1	'x' character at end of line.

B.5 eVS Mis-Shipped Adjustment Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Mis-Shipped Adjustment**. There will be one per file. One mail class per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"MS" – Mis-Shipped Adjustment
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM
9	CAPS Transaction ID	Alpha / Numeric	19	
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11	null			
12	null			
13	Mail Class Code	Alpha / Numeric	2	'NA' for unknown mail class.
14	null			
15	null			
16	Mail Class Adj Amt Actual	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Mail Class Adj Amt Proposed	Numeric (12,4)	12	if business type indicator is not "A", this field contains the proposed amount, else null
18-22	null			
23	x	Alpha / Numeric	1	'x' character at end of line.

Element Name: Detail Record

Description: This detail (D1) record will describe the fields for the **Mis-Shipped Adjustment**. There will be zero to many records per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	D1

Position	Field Name	Data Type	Size (Bytes)	Definition
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"MS" – Mis-Shipped Adjustment
8	Piece Identification Code (PIC)	Alpha / Numeric	34	
9	Piece Mailer ID	Alpha / Numeric	9	
10	Customer Reference Number	Alpha / Numeric	30	
11	Customer Manifest Transaction ID	Alpha / Numeric	12	
12	Main EFN	Alpha / Numeric	34	
13	Sub EFN	Alpha / Numeric	34	
14	Date of Mailing	Alpha / Numeric	8	YYYYMMDD
15	Date of Acceptance Scan	Alpha / Numeric	8	YYYYMMDD
16-19	null			
20	Manifest Package Destination ZIP	Alpha / Numeric	5	
21	null			
22	ZIP Location of scan	Alpha / Numeric	5	
23	Manifest Mail Class	Alpha / Numeric	2	Original mailer value.
24	null			
25	Re-shipped Mail Class	Alpha / Numeric	2	
26	Manifest Processing Category	Alpha / Numeric	1	Original mailer value.
27	eVS Processing Category	Alpha / Numeric	1	Value used by eVS to compute postage statement.
28	Re-shipped Processing Category	Alpha / Numeric	1	Value used to determine adjusted postage based on mis-shipped information.
29	Manifest Postal Routing Barcode	Alpha / Numeric	1	Original mailer value.
30	null			
31	null			
32	Manifest Weight	Numeric (12,4)	12	
33-41	null			

Position	Field Name	Data Type	Size (Bytes)	Definition
42	Manifest Destination Rate Indicator	Alpha / Numeric	1	Original mailer value.
43	eVS Destination Rate Indicator	Alpha / Numeric	1	Value eVS used on original postage statement.
44	Re-shipped Destination Rate Indicator	Alpha / Numeric	1	Value used to determine adjusted postage based on mis-shipped information.
45	Manifest Rate Indicator	Alpha / Numeric	2	Original mailer value.
46	Revised Rate Indicator	Alpha / Numeric	2	Value eVS used on original postage statement.
47	Re-shipped Rate Indicator	Alpha / Numeric	2	Value used to determine adjusted postage based on mis-shipped information.
48	Manifest Manifest Zone	Alpha / Numeric	2	Original mailer value.
49	eVS Calculated Zone	Alpha / Numeric	2	Value eVS used on original postage statement.
50	null			
51	null			
52	null			
53	Calculated Mis-Shipped Postage - Excluding Extra Services	Numeric (12,4)	12	
54	eVS Manifest Postage	Numeric (12,4)	12	Value eVS used on original postage statement.
55	Additional Postage Due	Numeric (12,4)	12	
56	Extra Service Code- 1 st Service	Alpha / Numeric	3	
57	Manifest Fee Amt for 1st Extra Service	Numeric (12,4)	12	Value eVS used on original postage statement.
58	Re-shipped Fee Amt for 1st Extra Service	Numeric (12,4)	12	Value used to determine adjusted postage based on mis-shipped information.
59	Extra Service Code- 2nd Service	Alpha / Numeric	3	
60	Manifest Fee Amt for 2nd Extra Service	Numeric (12,4)	12	Value eVS used on original postage statement.
61	Re-shipped Fee Amt for 2nd Extra Service	Numeric (12,4)	12	Value used to determine adjusted postage based on mis-shipped information.
62	Extra Service Code- 3rd Service	Alpha / Numeric	3	
63	Manifest Fee Amt for 3rd Extra Service	Numeric (12,4)	12	Value eVS used on original postage statement.
64	Re-shipped Fee Amt for 3rd Extra Service	Numeric (12,4)	12	Value used to determine adjusted postage based on mis-shipped information.
65-80	null			
81	x	Alpha / Numeric	1	'x' character at end of line.

B.6 eVS Manifest Error Adjustment Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Manifest Error Adjustment**. There will be one per file. One mail class per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"ME" – Manifest Error Adjustment
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM
9	CAPS Transaction ID	Alpha / Numeric	19	
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11	null			
12	Average Per-Piece Postage for Mail Class	Numeric (12,4)	12	
13	Mail Class Code	Alpha / Numeric	2	'NA' for unknown mail class.
14	null			
15	null			
16	Mail Class Adj Amt Actual	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Mail Class Adj Amt Proposed	Numeric (12,4)	12	if business type indicator is not "A", this field contains the proposed amount, else null
18-22	null			
23	x	Alpha / Numeric	1	'x' character at end of line.

Element Name: Detail Record

Description: This detail (D1) record will describe the fields for the **Manifest Error Adjustment**. There will be zero to many records per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
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Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	D1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"ME" – Manifest Error Adjustment
8	Piece Identification Code (PIC)	Alpha / Numeric	34	
9	Piece Mailer ID	Alpha / Numeric	9	
10	Customer Reference Number	Alpha / Numeric	30	
11	Customer Manifest Transaction ID	Alpha / Numeric	12	
12	Main EFN	Alpha / Numeric	34	
13	Sub EFN	Alpha / Numeric	34	
14	Date of Mailing	Alpha / Numeric	8	YYYYMMDD
15	PTS Transmission Date	Alpha / Numeric	8	YYYYMMDD
16-19	null			
20	Manifest Package Destination ZIP	Alpha / Numeric	5	
21	null			
22	Entry Facility ZIP	Alpha / Numeric	5	
23	null			
24	Mail Class	Alpha / Numeric	2	
25	null			
26	null			
27	eVS Processing Category	Alpha / Numeric	1	
28	null			
29	Manifest Postal Routing Barcode	Alpha / Numeric	1	Original mailer value.
30	null			
31	null			
32	Manifest Weight	Numeric (12,4)	12	
33	null			
34	null			

Position	Field Name	Data Type	Size (Bytes)	Definition
35	null			
36	Manifest Length	Numeric (12,4)	12	
37	null			
38	Manifest Width	Numeric (12,4)	12	
39	null			
40	Manifest Height	Numeric (12,4)	12	
41	null			
42	null			
43	eVS Destination Rate Indicator	Alpha / Numeric	1	
44	null			
45	null			
46	Revised Rate Indicator	Alpha / Numeric	2	
47	null			
48	null			
49	eVS Calculated Zone	Alpha / Numeric	2	
50-55	null			
56	Extra Service Code- 1 st Service	Alpha / Numeric	3	
57	Manifest Fee Amt for 1st Extra Service	Numeric (12,4)		
58	null			
59	Extra Service Code- 2nd Service	Alpha / Numeric	3	
60	Manifest Fee Amt for 2nd Extra Service	Numeric (12,4)	12	
61	null			
62	Extra Service Code- 3rd Service	Alpha / Numeric	3	
63	Manifest Fee Amt for 3rd Extra Service	Numeric (12,4)	12	
64	null			
65	Extra Service Code - 4th Service	Alpha / Numeric	3	
66	Manifest Fee Amt for 4th Extra Service	Numeric (12,4)	12	
67	null			
68	Extra Service Code - 5th Service	Alpha / Numeric	3	
69	Manifest Fee Amt for 5th Extra Service	Numeric (12,4)	12	
70-80	null			
81	x	Alpha / Numeric	1	'x' character at end of line.

B.7 eVS Presort Exception Adjustment Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Presort Exception Adjustment**. There will be one per file. One mail class per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"PS" – Presort Exception Adjustment
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM
9	CAPS Transaction ID	Alpha / Numeric	19	
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11	null			
12	null			
13	Mail Class Code	Alpha / Numeric	2	
14	null	Alpha / Numeric		
15	null	Alpha / Numeric	5	
16	Mail Class Adj Amt Actual	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Mail Class Adj Amt Proposed	Numeric (12,4)	12	if business type indicator is not "A", this field contains the proposed amount, else null
18	Total Pieces of Mailing	Numeric (12,4)	12	
19	Total eVS Manifest Postage Paid	Numeric (12,4)	12	
20	null			
21	null			
22	null			
23	x	Alpha / Numeric	1	'x' character at end of line.

Element Name: Detail Record

Description: This detail (D1) record will describe the fields for the **Presort Exception Adjustment**. There will be zero to many records per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	D1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"PS" – Presort Exception Adjustment
8	Piece Identification Code (PIC)	Alpha / Numeric	34	
9	Piece Mailer ID	Alpha / Numeric	9	
10	Customer Reference Number	Alpha / Numeric	30	
11	Customer Manifest Transaction ID	Alpha / Numeric	12	
12	Main EFN	Alpha / Numeric	34	
13	Sub EFN	Alpha / Numeric	34	
14-19	null			
20	Manifest Package Destination ZIP	Alpha / Numeric	5	
21	null			
22	null			
23	Manifest Mail Class	Alpha / Numeric	2	
24	Presort-Based Mail Class	Alpha / Numeric	2	
25-31	null			
32	Manifest Weight	Numeric (12,4)	12	
33-42	null			
43	eVS Destination Rate Indicator	Alpha / Numeric	1	
44	null			
45	Manifest Rate Indicator	Alpha / Numeric	2	[originally Mailer]
46	Revised Rate Indicator	Alpha / Numeric	2	Rate indicator based on presort eligibility.
47	null			
48	null			

Position	Field Name	Data Type	Size (Bytes)	Definition
49	eVS Calculated Zone	Alpha / Numeric	2	
50	null			
51	null			
52	null			
53	Presort Exception eVS Postage	Numeric (12,4)	12	
54	USPS eVS Manifest Postage	Numeric (12,4)	12	
55	Additional Postage Due	Numeric (12,4)	12	
56-80	null			
81	x	Alpha / Numeric	1	'x' character at end of line.

B.8 eVS Content Eligibility Adjustment Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Content Eligibility Adjustment**. There will be one per file. One mail class per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"CE" – Content Eligibility Adjustment
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM
9	CAPS Transaction ID	Alpha / Numeric	19	
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11	Null			
12	null			
13	Mail Class Code	Alpha / Numeric	2	
14	null			
15	null			

Position	Field Name	Data Type	Size (Bytes)	Definition
16	Mail Class Adj Amt Actual	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Mail Class Adj Amt Proposed	Numeric (12,4)	12	if business type indicator is not "A", this field contains the proposed amount, else null
18-22	null			
23	x	Alpha / Numeric	1	'x' character at end of line.

Element Name: Detail Record

Description: This detail (D1) record will describe the fields for the **Content Eligibility Adjustment**. There will be zero to many records per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	D1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"CE" – Content Eligibility Adjustment
8	Piece Identification Code (PIC)	Alpha / Numeric	34	
9	Piece Mailer ID	Alpha / Numeric	9	
10	Customer Reference Number	Alpha / Numeric	30	
11	Customer Manifest Transaction ID	Alpha / Numeric	12	
12	Main EFN	Alpha / Numeric	34	
13	Sub EFN	Alpha / Numeric	34	
14-19	null			
20	Manifest Package Destination ZIP	Alpha / Numeric	5	
21	null			
22	null			
23	Manifest Mail Class	Alpha / Numeric	2	
24	Content-Based Mail Class	Alpha / Numeric	2	

Position	Field Name	Data Type	Size (Bytes)	Definition
25-31	null			
32	Manifest Weight	Numeric (12,4)	12	
33-42	null			
43	eVS Destination Rate Indicator	Alpha / Numeric	1	
44	null			
45	Manifest Rate Indicator	Alpha / Numeric	2	[originally Mailer]
46	Revised Rate Indicator	Alpha / Numeric	2	Rate indicator based on content eligibility.
47	null			
48	null			
49	eVS Calculated Zone	Alpha / Numeric	2	
50	null			
51	null			
52	null			
53	Content-Based eVS Postage	Numeric (12,4)	12	
54	eVS Manifest Postage	Numeric (12,4)	12	
55	Additional Postage Due	Numeric (12,4)	12	
56-80	null			
81	x	Alpha / Numeric	1	'x' character at end of line.

B.9 eVS Shipping Fees Adjustment Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Shipping Fees Adjustment**. There will be one per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"SF" – Shipping Fees

Position	Field Name	Data Type	Size (Bytes)	Definition
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM
9	CAPS Transaction ID	Alpha / Numeric	19	
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11-15	null			
16	Shipping Fees Charged	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Shipping Fees Proposed	Numeric (12,4)	12	if business type indicator is not "A", this field contains the proposed amount, else null
18-22	null			
23	x	Alpha / Numeric	1	'x' character at end of line.

B.10 eVS Ad-Hoc Charges Record Types

Element Name: S1 Record

Description: This summary (S1) record will describe the fields for the **Ad-Hoc Adjustment**. There will be one per file. One mail class per file.

Position	Field Name	Data Type	Size (Bytes)	Definition
1	Record Type	Alpha / Numeric	2	S1
2	Master Mailer ID	Alpha / Numeric	9	
3	File Version ID	Alpha / Numeric	3	010
4	null			
5	Document ID	Alpha / Numeric	4	210
6	Record Position	Alpha / Numeric	2	00
7	Usage Indicator	Alpha / Numeric	2	"AH" – Ad-Hoc Charges
8	Reporting Year/Month	Alpha / Numeric	6	YYYYMM
9	CAPS Transaction ID	Alpha / Numeric	19	
10	CAPS Transaction Status Code	Alpha / Numeric	10	
11-15	null			
16	Miscellaneous Charges	Numeric (12,4)	12	if business type indicator is "A", this field contains the actual amount, else null
17	Miscellaneous Proposed	Numeric (12,4)	12	if business type indicator is not "A", this field contains the proposed amount, else null
18-22	null			

Position	Field Name	Data Type	Size (Bytes)	Definition
23	x	Alpha / Numeric	1	'x' character at end of line.