

**Payment Application Modernization (PAM)  
Output File Specification – Agency Notification  
(Connect:Direct)**

Version 4.0.0

November 16, 2011

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|---|-------------------|
| Payment Automation Manager  | Version 4.0.0     |
| Outgoing File Specifications – Agency Notification (Connect:Direct) | November 16, 2010 |

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| Output File Specification – Notification File to Agencies | Date: November 16, 2011 |

# 1 Summary –Output File Specification – Agency Notification (Connect:Direct)

The Agency Notification File is created by PAM based on validation of the Payment Request Foundation (PRF) it receives. It is then sent to the Agency that submitted the PRF. Agencies will receive one notification for each PRF that is submitted to the PAM system. The file will contain information about each file received. This notification is based on the legacy daily ACH notification.

## 1.1 File and Record Constraints

|                                  |                          |
|----------------------------------|--------------------------|
| File Character Encoding          | Text                     |
| Maximum data records per file    | n/a                      |
| Record Type                      | Fixed Block              |
| Record Size                      | Each line of text is 132 |
| Data Record Sequence within File | Print Record             |
| Retention                        | TBD                      |

## 1.2 File Naming Rules

File naming is based on the Notification Configuration scripts from UC 2004.

## 1.3 File Structure Rules

This is a printable file format that agencies can either send to a printer or load to their system. The structure is based on the printable format by line of print. Each page can contain 55 lines of information counting the header and total lines.

Line 1: This is the report header and should be repeated each time a new page is started

Line 2: This is the line that carries the method of payment and should be repeated each time a new method of payment is being reported

Line 3: This is the Data Set Name information and should be repeated each time a new file is being reported

Line 4 and 5: These are the column header lines and should be repeated each time a new page is started

Line 6: This is the data from the schedules in a file. There can be one – many. When there is more than one schedule in the file and for the method of payment, the data should be sorted in the ascending order of the schedule number (alpha numeric sort).

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Total Line 1: This is the PAM accumulated totals from the file (what was read) and should be repeated each time a new file is being reported

Total Line 2: This is the accumulated totals from the schedule totals as submitted (what was reported) and should be repeated each time a new file is being reported

Total Line 3: This is the validation status of the file and should be repeated each time a new file is being reported.

Invalid Line 1: This is the number of invalids per file. Should be repeated for each invalid type.

### **1.4 Content Rules**

**Field Name:** If the field name is greater than 35 characters, truncate the field name to 32 characters and add “...” at the end. (Ex: Field name “Indefinite Delivery Vehicle Procurement Instrument Identifier” will be reported as “Indefinite Delivery Vehicle proc...”)

### **1.5 Specification Notes**

Field #s are purely for referential and discussion purposes; they are not part of the file’s data. They are unique only within each record specification.

- ◆ **Bold text** indicates actual values to add to an output file.
- ◆ “ ” = blank space character
- ◆ Example values are in normal text.
- ◆ *ZZZ,ZZZ,ZZ9* – Z indicates that the leading zeros and commas are blank space characters. 9 indicates that zeros are printed. Example 000,001,234 would be 1,234 and 000,000,000 would be 0.
- ◆ **For this specification: The Items and Amount columns are Right justified, blank filled.**
- ◆ *\$Z,ZZZ,ZZZ,ZZZ.99* – same as above with the dollar sign in position right before the first number. Example \$0,000,001,234.00 would be \$1,234.00 and \$0,000,000,000.00 would be \$.00.

The outgoing file is comprised of text characters that are either alphabetic or numeric. Field types are as follows:

- ◆ A = alphabetic; A-Z, a-z; special characters
- ◆ N = numeric; 0-9
- ◆ AN = alphabetic and numeric characters including special characters

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## 2 File Record Specifications

### 2.1 Print Record

| Print Record   |                    |        |          |      |                              |                     |  |
|--|--------------------|--------|----------|------|------------------------------|---------------------|--|
| Field #  | Field Name         | Length | Position | Type | Field Value                  | Common Data Element | Notes  |
| Line 1 Repeat this line if the report goes over multiple pages |                    |        |          |      |                              |                     |  |
| 1  | Filler             | 1      | 1        | AN   | ␣                            |                     |  |
| 2  | Date Title         | 10     | 2-11     | AN   | <b>RUN DATE =</b>            | Constant            |  |
| 3  | Filler             | 4      | 12-15    | AN   | ␣                            |                     |  |
| 4  | Program Run Date   | 10     | 16-25    | AN   | mm/dd/ccyy                   | Run Date            |  |
| 5  | Filler             | 30     | 26-55    | AN   | ␣                            |                     | If this file is being sent from the Test Environment, this field should state "TEST" |
| 6  | Report Title       | 21     | 56-76    | AN   | <b>PAM VALIDATION REPORT</b> | Constant            | Constant   |
| 7  | Filler             | 24     | 77-100   | AN   | ␣                            |                     | IF this file is being sent from the Test Environment, this field should state "TEST" |
| 8  | Time Title         | 10     | 101-110  | AN   | <b>RUN TIME =</b>            | Constant            |  |
| 9  | Filler             | 1      | 111      | AN   | ␣                            |                     |  |
| 10   | Program Run Time   | 5      | 112-116  | N    | hh:mm                        | Run Time            |  |
| 11   | Filler             | 8      | 117-124  | AN   | ␣                            |                     |  |
| 12   | Page               | 4      | 125-128  | AN   | <b>PAGE</b>                  |                     |  |
| 13   | Filler             | 1      | 129      | AN   | ␣                            |                     |  |
| 14   | Report Page Number | 3      | 130-132  | N    | nnn                          |                     | Start with 001, with each notification.  |

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| Print Record   |                            |        |          |      |                         |                      |  |
|--|----------------------------|--------|----------|------|-------------------------|----------------------|--|
| Field #  | Field Name                 | Length | Position | Type | Field Value             | Common Data Element  | Notes  |
| Line 2 This line repeats when the method of payment changes        |                            |        |          |      |                         |                      |  |
| 15   | Filler                     | 62     | 1-62     | AN   | ␣                       |                      |  |
| 16   | Method of Payment          | 5      | 63-67    | AN   |                         | Method of Payment    |  |
| 17   | Filler                     | 65     | 68-132   | AN   | ␣                       |                      |  |
| Line 3 This line repeats for every file that is received for a PRF |                            |        |          |      |                         |                      |  |
| 18   | Filler                     | 2      | 1-2      | AN   | ␣                       |                      |  |
| 19   | DSN Title                  | 16     | 3-18     | AN   | <b>AGENCY FILE DSN:</b> | Constant             | Constant   |
| 20   | Filler                     | 1      | 19       | AN   | ␣                       |                      |  |
| 21   | Input File Name            | 44     | 20-63    | AN   |                         | Original File Name   | FROXr.agency.type.*<br>(r=RFC; type=EFT)                               |
| 22   | Filler                     | 2      | 64-65    | AN   | ␣                       |                      |  |
| 23   | IM DSN Title               | 12     | 66-77    | AN   | <b>IM FILE DSN:</b>     |                      | Constant   |
| 24   | Filler                     | 1      | 78       | AN   | ␣                       |                      |  |
| 25   | Input Management File Name | 52     | 79-130   | AN   |                         | Renamed Dataset Name | Dataset name assigned by Input Management<br>FROPr.agency.type.Cnnnnnn |
| 26   | Filler                     | 2      | 131-132  |      |                         |                      |  |

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| Print Record |                |        |          |      |                 |                     |          |
|--------------|----------------|--------|----------|------|-----------------|---------------------|----------|
| Field #      | Field Name     | Length | Position | Type | Field Value     | Common Data Element | Notes    |
| Line 4       |                |        |          |      |                 |                     |          |
| 27           | Filler         | 5      | 1-5      | AN   | b               |                     |          |
| 28           | Column Heading | 7      | 6-12     | AN   | <b>CONTROL</b>  |                     | Constant |
| 29           | Filler         | 5      | 13-17    | AN   | b               |                     |          |
| 30           | Column Heading | 6      | 18-23    | AN   | <b>AGENCY</b>   |                     | Constant |
| 31           | Filler         | 9      | 24-32    | AN   | b               |                     |          |
| 32           | Column Heading | 6      | 33-38    | AN   | <b>AGENCY</b>   |                     | Constant |
| 33           | Filler         | 8      | 39-46    | AN   | b               |                     |          |
| 34           | Column Heading | 3      | 47-49    | AN   | <b>ALC</b>      |                     | Constant |
| 35           | Filler         | 10     | 50-59    | AN   | b               |                     |          |
| 36           | Column Heading | 8      | 60-67    | AN   | <b>SCHEDULE</b> |                     | Constant |
| 37           | Filler         | 17     | 68-84    | AN   | b               |                     |          |
| 38           | Column Heading | 5      | 85-89    | AN   | <b>ITEMS</b>    |                     | Constant |
| 39           | Filler         | 21     | 90-110   | AN   | b               |                     |          |
| 40           | Column Heading | 6      | 111-116  | AN   | <b>AMOUNT</b>   |                     | Constant |
| 41           | Filler         | 16     | 117-132  | AN   | b               |                     |          |
| Line 5       |                |        |          |      |                 |                     |          |
| 42           | Filler         | 5      | 1-5      |      | b               |                     |          |
| 43           | Column Heading | 6      | 6-11     |      | <b>NUMBER</b>   |                     |          |
| 44           | Filler         | 8      | 12-19    |      | b               |                     |          |

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| Print Record   |                  |        |          |      |   |                       |   |
|--|------------------|--------|----------|------|---|-----------------------|---|
| Field #  | Field Name       | Length | Position | Type | Field Value                               | Common Data Element   | Notes   |
| 45   | Column Heading   | 2      | 20-21    |      | ID  |                       |   |
| 46   | Filler           | 10     | 22-31    |      | b   |                       |   |
| 47   | Column Heading   | 8      | 32-39    |      | FILETYPE                                  |                       |   |
| 48   | Filler           | 6      | 40-45    |      | b   |                       |   |
| 49   | Column Heading   | 6      | 46-51    |      | NUMBER                                    |                       |   |
| 50   | Filler           | 9      | 52-60    |      | b   |                       |   |
| 51   | Column Heading   | 6      | 61-66    |      | NUMBER                                    |                       |   |
| 52   | Filler           | 66     | 67-132   |      | b   |                       |   |
| Line 6 (this line repeats for the number of schedules in the file) |                  |        |          |      |   |                       |   |
| 53   | Filler           | 5      | 1-5      | AN   | b   |                       |   |
| 54   | Control Number   | 7      | 6-12     | AN   | Cnnnnnn                                   | Control Number        |   |
| 55   | Filler           | 7      | 13-19    | AN   | b   |                       |   |
| 56   | Agency ID        | 10     | 20-29    | N    |   | Agency Identification | Truncate Agency Identification (SPR) from 40 characters to 10.<br>Agency Identification is the 2 <sup>nd</sup> node of the DSN for legacy inputs. |
| 57   | Filler           | 3      | 30-32    | AN   | b   |                       |   |
| 58   | Agency File Type | 8      | 33-40    | AN   | First 8 characters of the type of payment | Type of Payment       |   |

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| Print Record |                 |        |          |      |                          |                     |   |
|--------------|-----------------|--------|----------|------|--------------------------|---------------------|---|
| Field #      | Field Name      | Length | Position | Type | Field Value              | Common Data Element | Notes   |
| 59           | Filler          | 4      | 41-44    | AN   | ␣                        |                     |   |
| 60           | ALC Number      | 8      | 45-52    | N    |                          | ALC                 |   |
| 61           | Filler          | 7      | 53-59    | AN   | ␣                        |                     |   |
| 62           | Schedule Number | 14     | 60-73    | N    |                          | Schedule Number     |   |
| 63           | Filler          | 3      | 74-76    | AN   | ␣                        |                     |   |
| 64           | Schedule Items  | 13     | 77-89    | AN   | ZZZZZZZZZ,ZZ9            | Schedule Items      | This is right justified.  |
| 65           | Filler          | 9      | 90-98    | AN   | ␣                        |                     |   |
| 66           | Schedule Amount | 21     | 99-119   | AN   | \$Z,ZZZ,ZZZ,ZZZ,ZZZ.99   | Schedule Amount     | This is right justified. The \$ is not stationary. It will always be at the beginning of the amount in whatever position that is. See the specification notes above for the description of how this occurs. |
| 67           | Filler          | 13     | 120-132  | AN   | ␣                        |                     |   |
| Total Line 1 |                 |        |          |      |                          |                     |   |
| 68           | Filler          | 46     | 1-46     | AN   | ␣                        |                     |   |
| 69           | Title           | 22     | 47-68    | AN   | “Accumulated Payments =” |                     | right justify   |

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| Print Record |                   |        |          |      |                                |                                |   |
|--------------|-------------------|--------|----------|------|--------------------------------|--------------------------------|---|
| Field #      | Field Name        | Length | Position | Type | Field Value                    | Common Data Element            | Notes   |
| 70           | Filler            | 8      | 69-76    | AN   | Blank                          |                                |   |
| 71           | File Total Items  | 13     | 77-89    | N    | zzzzzzzzzzzzzzzzzz,<br>zz9     | Number of payments on the file | Add the number of payments on the file  |
| 72           | Filler            | 9      | 90-98    | AN   | b                              |                                |   |
| 73           | File Total Amount | 21     | 99-119   | AN   | \$z,zzz,zzz,zzz,zzz.<br>99     | Amount of payments on the file | Add all of the payment amounts on the file<br><br>This is right justified. The \$ is not stationary. It will always be at the beginning of the amount in whatever position that is. See the specification notes above for the description of how this occurs. |
| 74           | Filler            | 13     | 120-132  | AN   | b                              |                                |   |
| Total Line 2 |                   |        |          |      |                                |                                |   |
| 75           | Filler            | 47     | 1-47     | AN   | b                              |                                |   |
| 76           | Title             | 21     | 48-68    | AN   | <b>“Reported Totals<br/>=”</b> |                                | right justify   |
| 77           | Filler            | 8      | 69-76    | AN   | Blank                          |                                |   |

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| Print Record |                                  |        |          |      |                            |   |  |
|--------------|----------------------------------|--------|----------|------|----------------------------|---|--|
| Field #      | Field Name                       | Length | Position | Type | Field Value                | Common Data Element                         | Notes  |
| 78           | Accumulated schedule item totals | 13     | 77-89    | N    | zzzzzzzzzzzzzzzzzz,<br>zz9 | Number of payments from schedule totals     | Add the schedule totals as reported<br>Right justify   |
| 79           | Filler                           | 9      | 90-98    | AN   | ␣                          |   |  |
| 80           | Accumulated Schedule amount      | 21     | 99-119   | AN   | \$z,zzz,zzz,zzz,zzz.<br>99 | Accumulated amount of all schedules on file | Add the amount of all schedules on the file<br>This is right justified. The \$ is not stationary. It will always be at the beginning of the amount in whatever position that is. See the specification notes above for the description of how this occurs. |
| 81           | Filler                           | 13     | 120-132  | AN   | ␣                          |   |  |
| Total Line 3 |                                  |        |          |      |                            |   |  |
| 82           | Filler                           | 54     | 1-54     | AN   | ␣                          |   |  |
| 83           | Title                            | 7      | 55-61    | AN   | <b>“File Is”</b>           |   |  |
| 84           | Message                          | 23     | 62-84    | AN   |                            | Validation Status                           |  |
| 85           | Reject reason                    | 48     | 85-132   | AN   |                            | Reject Reason                               | Only when file is rejected. Error Messages are listed in OFS Agency Notification E-mail.   |

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| Print Record                                      |                                 |        |          |      |   |                            |                                 |
|---|---------------------------------|--------|----------|------|---|----------------------------|---------------------------------|
| Field #   | Field Name                      | Length | Position | Type | Field Value   | Common Data Element        | Notes                           |
|   |                                 |        |          |      |   |                            | Truncate if longer than 48.     |
| Invalid Line 1 (repeats for each type of invalid) |                                 |        |          |      |   |                            |                                 |
| 86  | Filler                          | 3      | 1-3      | AN   | B   |                            |                                 |
| 87  | Number of invalid payments      | 4      | 4-7      | AN   | Nnnn  | Number of invalid payments | Left justify blank fill         |
| 88  | Title                           | 9      | 8-16     | AN   | “bInvalidb “  | Constant                   |                                 |
| 89  | Field that was invalid          | 25     | 17-41    | AN   | RTN; ZIP; standardentryclass code;;                 | Field Name                 | Truncate name if longer than 25 |
| 90  | Title                           | 37     | 42-78    | AN   | “b1 <sup>st</sup> occurrence on payment request #b” | Constant                   |                                 |
| 91  | Number of first invalid payment | 4      | 79-82    | AN   | Nnnn  |                            | Left justify blank fill         |
| 92  | Filler                          | 50     | 83-132   | AN   | Blank   |                            |                                 |

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Appendix 1

Example Notification

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10          20          30          40          50          60          70          80          90          100          110          120          130
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
RUN DATE =   mm/dd/ccyy                PAM VALIDATION REPORT                RUN TIME = hh:mm                PAGE nnn

                                ACH

AGENCY FILE DSN: FROXr.agency.type.moreinfo                IM FILE DSN: FROPr.agency.type.cnnnnnn
CONTROL      AGENCY      AGENCY      ALC      SCHEDULE      ITEMS      AMOUNT
NUMBER      ID      FILETYPE      NUMBER      NUMBER
Cnnnnnn      nnnnnnnnnn      nnnnnnnn      nnnnnnnn      nnnnnnnnnnnnnn      n,nnn,nnn,nnn      $n,nnn,nnn,nnn,nnn.nn
Cnnnnnn      nnnnnnnnnn      nnnnnnnn      nnnnnnnn      nnnnnnnnnnnnnn      n,nnn,nnn,nnn      $n,nnn,nnn,nnn,nnn.nn

                                Accumulated Payments =
                                Reported Totals =
                                File is Accepted with Errors

5   invalid RTN                1st occurrence on payment request # 1015

                                CHECK

AGENCY FILE DSN: FROXr.agency.type.moreinfo                IM FILE DSN: FROPr.agency.type.cnnnnnn
CONTROL      AGENCY      AGENCY      ALC      SCHEDULE      ITEMS      AMOUNT
NUMBER      ID      FILETYPE      NUMBER      NUMBER
Cnnnnnn      nnnnnnnnnn      nnnnnnnn      nnnnnnnn      nnnnnnnnnnnnnn      n,nnn,nnn,nnn      $n,nnn,nnn,nnn,nnn.nn
Cnnnnnn      nnnnnnnnnn      nnnnnnnn      nnnnnnnn      nnnnnnnnnnnnnn      n,nnn,nnn,nnn      $n,nnn,nnn,nnn,nnn.nn

                                Accumulated Payments =
                                Reported Totals =
                                File is Accepted with Errors

-----+-----1-----+-----2-----+-----3-----+-----4-----+-----5-----+-----6-----+-----7-----+-----8-----+-----9-----+-----0-----+-----1-----+-----2-----+-----3-----

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RUN DATE = 05/24/2011 PAM VALIDATION REPORT RUN TIME = 18:20 PAGE 001

ACH

AGENCY FILE DSN: FRYU5.NFC1.EFT.T009529

IM FILE DSN: FRYUK.NFC1.EFT.T009547

| CONTROL NUMBER | AGENCY ID | AGENCY FILETYPE | ALC NUMBER             | SCHEDULE NUMBER | ITEMS | AMOUNT      |
|----------------|-----------|-----------------|------------------------|-----------------|-------|-------------|
| T009547        | NFC1      | VenMis          | 12401240               | 0000317ASHKVEN  | 4     | \$24,417.12 |
|                |           |                 | Accumulated Payments = |                 | 4     | \$24,417.12 |
|                |           |                 | Reported Totals =      |                 | 4     | \$24,417.12 |

File is Rejected

Pmt Amt not num 1st error on pmt#1