**MCCF EDI TAS US55**

System Design Document

PRCA\*4.5\*318



Department of Veterans Affairs

**January 2017**

Version 1.1

**User Story Number:** US55

**User Story Name:** User needs a new report that details all receipts associated with each auto-posted ERA/EFT. (Backlog ID#252, Row#197)

# Story

# As a user I need to ensure that all receipts have posted to ensure payments are posted to patients 3rd party claims payments AND that we are meeting our accounting regulations requirements.

# Conversation

# User needs a report that details all receipts associated with each auto-posted ERA/EFT, including total, to ensure all line items have posted and nothing is ‘hung up.’ If payments are 'hung up' and not processed timely, it impacts the veterans negatively along with making us delinquent on accounting audits.

The report is necessary for managers to see how long a payment has been on the APAR list.

# Report description and Behavior:

This report must be exportable to Excel and also have the option to be displayed in a Listman template. A new menu option “AUTO-POSTED RECEIPT REPORT” [RCDPE AUTO-POST RECEIPT REPORT] with a shortcut of “APR” will be added to the following menu: as shown in the functional design document. The functional design document demonstrates exactly where the client wants the option to appear in the menus listed below:

* EDI Lockbox (ePayments) Report Menu (RCDPE EDI LOCKBOX REPORTS MENU)
* Agent Cashier Menu (RCDP AGENT CASHIER MENU)

The title of the new report will be ‘Auto-Posted Receipt Report’. It will have the filter and sort criteria as shown in the functional design document.

Filters will include:

* Divisions (up to 20)
  + No default
* Auto-Post Date or Date Received Date (start & end range for either selection)
  + No default
* ERAs to be displayed (Posted/Completed Receipts, Missing Receipts, Both)
  + Default “Missing Receipts”
* Payers
  + Default “All”

Sort possibilities (with no default) will only be asked if the user selects to view “both” for ERAs to be displayed. The sort possibilities will include:

* <Auto Post> or <ERA Received> Date
* Missing Receipts (If selected as a sort criteria, those EEOB lines with Missing Receipts will be displayed first on the list.)

Missing Receipts – To determine missing receipts use NEW STATUS FIELD (#344.74, .05) in the RCDPE AUTO-POST AUDIT file. Look at the most recent date using the ERA cross-reference ^RCY(344.72,”E”). Those that don’t have a NEW STATUS FIELD = “COMPLETE” is to be considered as an ERA with missing receipt(s).

The report shall contain the following data:

Payer - The insurance company for the ERA. This field is a maximum of 35 characters. This is the PAYMENT FROM field in the ELECTRONIC REMITTANCE ADVICE file (file 344.4, field .06).

Date Received - The file date/time for the ERA. This field is 12 characters. This is FILE DATE/TIME field in the ELECTRONIC REMITTANCE ADVICE file (file 344.4, field .07). Note, only the date will be displayed, not the file time.

Date Posted - The Auto-Post Date for the EEOB lines of the ERA. This field is 12 characters. This is the AUTO-POST DATE field in the ERA DETAIL sub-file of the ELECTRONIC REMITTANCE ADVICE file (file 344.41, field 9).

Receipt - The receipt number (or “missing”) for the EEOB lines of the ERA. This field is a maximum of 12 characters. This is the RECEIPT in the ERA DETAIL sub-file of the ELECTRONIC REMITTANCE ADVICE file (file 344.41, field .25).

User - The user who marked the ERA for auto-post. Only display initials so this field will be 2 characters when displayed on the report. This uses the ERA# field in the ELECTRONIC REMITTANCE ADVICE file (file 344.4, field .01) to get to the USER field in the RCDPE AUTO-POST AUDIT FILE (file 344.72, field .02).

Amount - The amount of the individual receipts for the EEOB lines of the ERA. This field is a maximum of 12 characters. This is the AMOUNT PAID field in the ERA DETAIL sub-file of the ELECTRONIC REMITTANCE ADVICE file (file 344.41, field .03).

FMS Doc - The FMS document number of the EEOB lines of the ERA. This uses the RECEIPT field in the ERA DETAIL sub-file of the ELECTRONIC REMITTANCE ADVICE file (file 344.41, field .25) to get to the FMS DOCUMENT NUMBER field in the AR BATCH PAYMENT FILE (file 344, field 200). This field is 20 characters long.

Trace # - The trace number of the EEOB lines of the ERA. This field is a maximum of 50 characters. This is the TRACE NUMBER field of the ELECTRONIC REMITTANCE ADVICE file (file 344.4, field .02)

ERA Total - The total amount paid for the ERA. This field is a maximum of 12 characters. This is the TOTAL AMOUNT PAID field of the ELECTRONIC REMITTANCE ADVICE file (file 344.4, field .05)

Receipt Total - The total of amount of receipts auto-posted for the EEOB lines of the ERA. This field is a maximum of 12 characters. This is the sum of the AMOUNT POSTED fields in the ERA DETAIL sub-file of the ELECTRONIC REMITTANCE ADVICE file (file 344.41, field .06).

The report will page break on payer.

For how the report should look refer to the functional design document.

The report should have an “\*\*\* End of Report \*\*\*” message displayed.

**Resolution – Added Changed Objects**

| Options | Activities | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Option Name** | RCDPE AUTO-POST RECEIPT REPORT | | | | | | | | | | |
| **Enhancement Category** | New | Modify | | | | Delete | | | No Change | | |
| **Associated Menu Options that will invoke this reference** | RCDPE EDI LOCKBOX REPORTS MENU  RCDP AGENT CASHIER MENU | | | | | | | | | | |
| **Data Passing** | Input | | Output | | Both | | | Global Reference | | | Local Reference |
| **Menu Text Description** | Auto-Posted Receipt Report | | | | | | | | | | |
| **Option Type** | Edit | | | Print | | | Menu | | | Inquire | |
| Action | | | Run Routine | | | Other | | |  | |
| **Associated Routine** | EN^RCDPELAR | | | | | | | | | | |
| **Option Definition** |  | | | | | | | | | | |

| Options | Activities | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Option Name** | RCDPE EDI LOCKBOX REPORTS MENU | | | | | | | | | | |
| **Enhancement Category** | New | Modify | | | | Delete | | | No Change | | |
| **Associated Menu Options that will invoke this reference** | RCDPE EDI LOCKBOX ACT REPORT SYNONYM: DA  RCDPE EFT AGING REPORT SYNONYM: EFT  RCDPE ERA AGING REPORT SYNONYM: ERA  RCDPE VIEW/PRINT ERA SYNONYM: VP  **RCDPE ACTIVE WITH EEOB REPORT SYNONYM: AB**  RCDPE REMOVED ERA AUDIT SYNONYM: REMR  RCDPE ERA W/PAPER EOB REPORT SYNONYM: POSR  RCDPE EFT AUDIT REPORT SYNONYM: DUPR  RCDPE EEOB MOVE/COPY/RMOVE RPT SYNONYM: MCR  **RCDPE AUTO-POST REPORT SYNONYM: AP**  **RCDPE AUTO-DECREASE REPORT SYNONYM: AD**  RCDPE PAYER EXCLUSION NAME TIN SYNONYM: PX  RCDPE CARC/RARC TABLE REPORT SYNONYM: TB  RCDPE CARC/RARC QUICK SEARCH SYNONYM: QS  RCDPE PROVIDER LVL ADJ REPORT SYNONYM: PLB  RCDPE EFT TRANSACTION AUD REP SYNONYM: ETA  RCDPE CARC CODE PAYER REPORT SYNONYM: CR  RCDPE ERA STATUS CHNG AUD REP SYNONYM: ESC  RCDPE UNAPPLIED EFT DEP REPORT SYNONYM: UN  **RCDPE AUTO-POST RECEIPT REPORT SYNONYM: APR** | | | | | | | | | | |
| **Data Passing** | Input | | Output | | Both | | | Global Reference | | | Local Reference |
| **Menu Text Description** | Auto-Posted Receipt Report | | | | | | | | | | |
| **Option Type** | Edit | | | Print | | | Menu | | | Inquire | |
| Action | | | Run Routine | | | Other | | |  | |
| **Associated Routine** |  | | | | | | | | | | |
| **Option Definition** |  | | | | | | | | | | |
|  | **Changes:**   * Added option RCDPE AUTO-POST RECEIPT REPORT * Added ‘DISPLAY ORDER’ to existing Menu Item: RCDPE ACTIVE WITH EEOB REPORT * Added ‘DISPLAY ORDER’ to existing Menu Item: RCDPE AUTO-POST REPORT * Added ‘DISPLAY ORDER’ to existing Menu Item: RCDPE AUTO-DECREASE REPORT | | | | | | | | | | |

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Routine Name | RCDPEM9 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** |  | | | | | | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** |  | | | | | | | | |
| **Related Protocols** |  | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** |  | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | RCDPELAR  RCDPEM | | | | |  | | | |

| **Current Logic** |
| --- |
| ; GETPAY(FILE) ; Let user select payer for filter  ;  ; Returned RTNFLG value  ;  ; PRCA\*4.5\*284 - Added pieces 2 & 3 to provide background jobs information to re-calculate payer list.  ;  ; Piece 1: -1 = none selected  ; 1 = range of payers  ; 2 = all payers selected  ; 3 = specific payers  ; Piece 2: From Range (When a from/thru range is selected by user)  ; Piece 3: Thru Range (When a from/thru range is selected by user)  ;  ; Payers selected are returned in ^TMP("RCSELPAY",$J  ;  N RCPAY,RCINC,CNT,RTNFLG,I,RCANS,INDX,X,RCANS2,DIR,Y,DTOUT,DUOUT,RCINSF,RCINST,RNG1,RNG2  ;  S RTNFLG=0,INDX=1,RNG1="",RNG2=""  ;  ;Clear list of selected payers  K ^TMP("RCSELPAY",$J)  ;  ;Select option required (All, Selected or Range)  S DIR(0)="SA^A:ALL;S:SPECIFIC;R:RANGE",DIR("A")="RUN REPORT FOR (A)LL, (S)PECIFIC, OR (R)ANGE OF INSURANCE COMPANIES?: ",DIR("B")="ALL" W ! D ^DIR K DIR  ;Abort on ^ exit or timeout  I $D(DTOUT)!$D(DUOUT) S RTNFLG=-1 Q RTNFLG  ;  ;ALL payers  I Y="A" D  .; Build list of ALL stations  .S CNT=0,RCPAY="",RTNFLG=2  .F  S RCPAY=$O(^RCY(FILE,"C",RCPAY)) Q:RCPAY=""  D  ..S CNT=CNT+1,^TMP("RCSELPAY",$J,CNT)=RCPAY  ;  ;Selected Payers  I Y="S" D  .D GLIST(FILE),GETPAYS(CNT)  ;  ;Range of Payers  I Y="R" D  .D GLIST(FILE),GETPAYR  ;  ;Clear list of all payers  K:RTNFLG'=2 ^TMP("RCPAYER",$J)  ;If aborting also clear any selected payers  K:RTNFLG=-1 ^TMP("RCSELPAY",$J)  ;  ;Return value  ; PRCA\*4.5\*284 - Update return value to include from/thru range. See above for documentation  Q RTNFLG\_"^"\_RNG1\_"^"\_RNG2  ;   ; GETPAYS(CNT) ;select payer for filter, specific  ;  N PNAME  ;  K ^TMP("RCDPEM9",$J)  ;  F  Q:RTNFLG'=0 D  .N DIR,X,Y,DTOUT,DUOUT,DIRUT,DIROUT  .S DIR("A")="SELECT INSURANCE COMPANY"  .S DIR(0)="FO^1:30"  .S DIR("?")="ENTER THE NAME OF THE PAYER OR '??' TO LIST PAYERS"  .S DIR("??")="^D LIST^RCDPEM9(CNT)"  .D ^DIR K DIR  .;User pressed ENTER  .I Y="",'$D(DTOUT) S RTNFLG=$S($D(^TMP("RCSELPAY")):3,1:-1) Q  .;First check for exits  .I $D(DUOUT)!$D(DTOUT)!$D(DIRUT)!$D(DIROUT) S RTNFLG=-1 Q  .;Check for help  .S (RCANS,RCANS2)=""  .S RCANS=Y  .; Now check for exotic user input  .I '(RCANS?.N) S RCANS2=$O(^TMP("RCPAYER",$J,"B",RCANS,RCANS2)) D:'RCANS2 PART Q:'$G(RCANS2)  .S:$G(RCANS2) RCANS=RCANS2 I RCANS="" W " ??" Q  .I RCANS?.N&((+RCANS<1)!(+RCANS>CNT)) W " ??" Q  .I RCANS'?.N W " ??" Q  .I $D(^TMP("RCDPEM9",$J,RCANS)) W " ?? PAYER ALREADY SELECTED" Q  .S ^TMP("RCDPEM9",$J,RCANS)=""  .S PNAME=$G(^TMP("RCPAYER",$J,RCANS))  .W " "\_PNAME  .S ^TMP("RCSELPAY",$J,INDX)=$G(^TMP("RCPAYER",$J,RCANS))  .S INDX=INDX+1  ;  K ^TMP("RCDPEM9",$J)  Q  ;   ; GETPAYR ;select payer for filter, range  ; called from ^RCDPEAR1  N DIR,DTOUT,DUOUT,DIRUT,DIROUT,INDX,X,Y,RCINSF,RCINST,NUM  S DIR("?")="ENTER THE NAME OF THE PAYER OR '??' TO LIST PAYERS"  S DIR("??")="^D LIST^RCDPEM9(CNT)"  S DIR(0)="FA^1:30^K:X'?1.U.E X",DIR("A")="START WITH INSURANCE COMPANY NAME: ",DIR("B")=$E($O(^TMP("RCPAYER",$J,"B","")),1,30)  D ^DIR K DIR  I $D(DTOUT)!$D(DUOUT)!$D(DIRUT)!$D(DIROUT)!(Y="") S RTNFLG=-1 Q  S RCINSF=Y  S DIR("?")="ENTER THE NAME OF THE PAYER OR '??' TO LIST PAYERS"  S DIR("??")="^D LIST^RCDPEM9(CNT)"  S DIR(0)="FA^1:30^K:X'?1.U.E X",DIR("A")="GO TO INSURANCE COMPANY NAME: ",DIR("B")=$E($O(^TMP("RCPAYER",$J,"B",""),-1),1,30)  F  W ! D ^DIR Q:$S($D(DTOUT)!$D(DUOUT):1,1:RCINSF']Y) W !,"'GO TO' NAME MUST COME AFTER 'START WITH' NAME"  K DIR  I $D(DTOUT)!$D(DUOUT)!$D(DIRUT)!$D(DIROUT)!(Y="") S RTNFLG=-1 Q  S RCINST=Y\_"Z"  ;entry of "ABC" will pick up "ABC INSURANCE" if "Z" is appended  ;If the first name is an exact match, back up to the previous entry  I $D(^TMP("RCPAYER",$J,"B",RCINSF)) S RCINSF=$O(^TMP("RCPAYER",$J,"B",RCINSF),-1)  ; PRCA\*4.5\*284 - Save from/thru user responses in RNG1 & RNG2 to rebuild after report is queued. Will be returned to the calling program.  S RNG1=RCINSF,RNG2=RCINST  S INDX=1 F  S RCINSF=$O(^TMP("RCPAYER",$J,"B",RCINSF)) Q:RCINSF=""  Q:RCINSF]RCINST  D  . S NUM=$O(^TMP("RCPAYER",$J,"B",RCINSF,""))  . S ^TMP("RCSELPAY",$J,INDX)=$G(^TMP("RCPAYER",$J,NUM))  . S INDX=INDX+1  ;Set return value  I INDX=1 S RTNFLG=-1 Q  ; no entries in selected range  S RTNFLG=1  Q |

| **Modified Logic** |
| --- |
| ;  GETPAY(FILE,**MIXED**,**BLANKLN**) ; Let user select payer for filter  ; Input: FILE - File to retrieve Payers from (either 344.4 OR 344.31)  **; MIXED - 1 to display prompts in mixed case  ; Optional, defaults to 0  ; BLANKLN - 0 skip initial blank line  ; Optional, defaults to 1**  ;  ; Returned RTNFLG value  ;  ; PRCA\*4.5\*284 - Added pieces 2 & 3 to provide background jobs information to re-calculate payer list.  ;  ; Piece 1: -1 = none selected  ; 1 = range of payers  ; 2 = all payers selected  ; 3 = specific payers  ; Piece 2: From Range (When a from/thru range is selected by user)  ; Piece 3: Thru Range (When a from/thru range is selected by user)  ;  ; Payers selected are returned in ^TMP("RCSELPAY",$J  ;  **N RCPAY,RCINC,CNT,RTNFLG,I,RCANS,INDX,X,RCANS2,DIR,Y,DTOUT,DUOUT,RCINSF**  **N RCINST,RNG1,RNG2** **S:'$D(MIXED) MIXED=0  S:'$D(BLANKLN) BLANKLN=1**  ;  S RTNFLG=0,INDX=1,RNG1="",RNG2=""  ;  ; Clear list of selected payers  K ^TMP("RCSELPAY",$J)  ;  ; Select option required (All, Selected or Range)  S DIR(0)="SA^A:ALL;S:SPECIFIC;R:RANGE"  S DIR("A")="RUN REPORT FOR (A)LL, (S)PECIFIC, OR (R)ANGE OF INSURANCE COMPANIES?: "  S DIR("B")="ALL" **S DIR("?",1)="Enter 'ALL' to select all Insurance Companies."  S DIR("?",2)="Enter 'RANGE' to select an Insurance Company range."  S DIR("?")="Enter 'SPECIFIC' to select specific Insurance Companies."** **I MIXED D  . N XX  . S XX="Run Report for (A)LL, (S)PECIFIC, or (R)ANGE of Insurance Companies?: "  . S DIR(0)="SA^A:ALL;S:SPECIFIC;R:RANGE"  . S DIR("A")=XX,DIR("B")="ALL"  W:BLANKLN !**  D ^DIR K DIR  ;  ; Abort on ^ exit or timeout  I $D(DTOUT)!$D(DUOUT) S RTNFLG=-1 Q RTNFLG  ;  ; ALL payers  I Y="A" D  .; Build list of ALL stations  .S CNT=0,RCPAY="",RTNFLG=2  .F  S RCPAY=$O(^RCY(FILE,"C",RCPAY)) Q:RCPAY=""  D  ..S CNT=CNT+1,^TMP("RCSELPAY",$J,CNT)=RCPAY  ;  ; Selected Payers  I Y="S" D  .D GLIST(FILE),GETPAYS(CNT,**MIXED**)  ;  ; Range of Payers  I Y="R" D  . D GLIST(FILE),GETPAYR(**MIXED,BLANKLN)**  ;  ; Clear list of all payers  K:RTNFLG'=2 ^TMP("RCPAYER",$J)  ; If aborting also clear any selected payers  K:RTNFLG=-1 ^TMP("RCSELPAY",$J)  ;  ;Return value  ; PRCA\*4.5\*284 - Update return value to include from/thru range. See above for documentation  Q RTNFLG\_"^"\_RNG1\_"^"\_RNG2  ;   ; GETPAYS(CNT,**MIXED**) ;select payer for filter, specific  ; Input: CNT - Number of Payers  **; MIXED - 1 to display prompts in mixed case  ; Optional, defaults to 0**  **;  S:'$D(MIXED) MIXED=0**  ;  N PNAME  ;  K ^TMP("RCDPEM9",$J)  ;  F  Q:RTNFLG'=0 D  . N DIR,X,Y,DTOUT,DUOUT,DIRUT,DIROUT  . S DIR("A")="SELECT INSURANCE COMPANY" **. S:MIXED DIR("A")="Select Insurance Company"**  . S DIR(0)="FO^1:30"  . S DIR("?")="ENTER THE NAME OF THE PAYER OR '??' TO LIST PAYERS"  **. S:MIXED DIR("?")="Enter the name of the payer or '??' to list payers"**  . S DIR("??")="^D LIST^RCDPEM9(CNT)"  . D ^DIR K DIR  .;User pressed ENTER  .I Y="",'$D(DTOUT) S RTNFLG=$S($D(^TMP("RCSELPAY")):3,1:-1) Q  .;First check for exits  .I $D(DUOUT)!$D(DTOUT)!$D(DIRUT)!$D(DIROUT) S RTNFLG=-1 Q  .;Check for help  .S (RCANS,RCANS2)=""  .S RCANS=Y  .; Now check for exotic user input  .I '(RCANS?.N) S RCANS2=$O(^TMP("RCPAYER",$J,"B",RCANS,RCANS2)) D:'RCANS2 PART Q:'$G(RCANS2)  .S:$G(RCANS2) RCANS=RCANS2 I RCANS="" W " ??" Q  .I RCANS?.N&((+RCANS<1)!(+RCANS>CNT)) W " ??" Q  .I RCANS'?.N W " ??" Q  .I $D(^TMP("RCDPEM9",$J,RCANS)) W " ?? PAYER ALREADY SELECTED" Q  .S ^TMP("RCDPEM9",$J,RCANS)=""  .S PNAME=$G(^TMP("RCPAYER",$J,RCANS))  .W " "\_PNAME  .S ^TMP("RCSELPAY",$J,INDX)=$G(^TMP("RCPAYER",$J,RCANS))  .S INDX=INDX+1  ;  K ^TMP("RCDPEM9",$J)  Q  ;  GETPAYR(**MIXED,BLANKLN**) ; Select payer for filter, range  ; called from ^RCDPEAR1 **; Input: MIXED - 1 to display prompts in mixed case  ; Optional, defaults to 0  ; BLANKLN - 0 skip initial blank line  ; Optional, defaults to 1**  **;  S:'$D(MIXED) MIXED=0** **S:'$D(BLANKLN) BLANKLN=1**  **;**   N DIR,DTOUT,DUOUT,DIRUT,DIROUT,INDX,X,Y,RCINSF,RCINST,NUM  S DIR("?")="ENTER THE NAME OF THE PAYER OR '??' TO LIST PAYERS"  S DIR("??")="^D LIST^RCDPEM9(CNT)"  S DIR(0)="FA^1:30^K:X'?1.U.E X"  S DIR("A")="START WITH INSURANCE COMPANY NAME: "  S DIR("B")=$E($O(^TMP("RCPAYER",$J,"B","")),1,30) **I MIXED D  . S DIR("?")="Enter the name of the payer or '??' to list payers"  . S DIR("A")="Start with Insurance Company name: "**  D ^DIR K DIR  I $D(DTOUT)!$D(DUOUT)!$D(DIRUT)!$D(DIROUT)!(Y="") S RTNFLG=-1 Q  S RCINSF=Y  S DIR("?")="ENTER THE NAME OF THE PAYER OR '??' TO LIST PAYERS"  S DIR("??")="^D LIST^RCDPEM9(CNT)"  S DIR(0)="FA^1:30^K:X'?1.U.E X"  S DIR("A")="GO TO INSURANCE COMPANY NAME: " **I MIXED D  . S DIR("?")="Enter the name of the payer '??' to list payers"  . S DIR("A")="Go To Insurance Company name: "**  S DIR("B")=$E($O(^TMP("RCPAYER",$J,"B",""),-1),1,30)  **F  W:BLANKLN !** D ^DIR Q:$S($D(DTOUT)!$D(DUOUT):1,1:RCINSF']Y) D  **. W:'MIXED !,"'GO TO' NAME MUST COME AFTER 'START WITH' NAME"**  **. W:MIXED !,"'GO TO' name must come after 'START WITH' name"**  K DIR  I $D(DTOUT)!$D(DUOUT)!$D(DIRUT)!$D(DIROUT)!(Y="") S RTNFLG=-1 Q  S RCINST=Y\_"Z"  ;entry of "ABC" will pick up "ABC INSURANCE" if "Z" is appended  ;If the first name is an exact match, back up to the previous entry  I $D(^TMP("RCPAYER",$J,"B",RCINSF)) S RCINSF=$O(^TMP("RCPAYER",$J,"B",RCINSF),-1)  ; PRCA\*4.5\*284 - Save from/thru user responses in RNG1 & RNG2 to rebuild after report is queued. Will be returned to the calling program.  S RNG1=RCINSF,RNG2=RCINST  S INDX=1 F  S RCINSF=$O(^TMP("RCPAYER",$J,"B",RCINSF)) Q:RCINSF=""  Q:RCINSF]RCINST  D  . S NUM=$O(^TMP("RCPAYER",$J,"B",RCINSF,""))  . S ^TMP("RCSELPAY",$J,INDX)=$G(^TMP("RCPAYER",$J,NUM))  . S INDX=INDX+1  ;Set return value  I INDX=1 S RTNFLG=-1 Q  ; no entries in selected range  S RTNFLG=1  Q |

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Routine Name | RCDPELAR | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | RCDPE AUTO-POST RECEIPT REPORT | | | | | | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** |  | | | | | | | | |
| **Related Protocols** |  | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | Use DIVISION^VAUTOMA via Controlled IA 664 | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  |  | | | | | $$GETPAY^RCDPEM9  $$ASKLM^RCDPEARL  INFO^RCDPEM6  $$HDRLN2^RCDPELA1  $$HDRLN3^RCDPELA1  $$ERAHDR2^RCDPELA1  LMRPT^RCDPEARL  DIVISION^VAUTOMA  RPTOUT^RCDPELA1  $$CHKDIV^RCDPEDAR | | | |

| **Current Logic** |
| --- |
| N/A |

| **Modified Logic** |
| --- |
| **RCDPELAR ;EDE/FA - LIST ALL AUTO-POSTED RECEIPTS REPORT ;Nov 17, 2016  ;;4.5;Accounts Receivable;\*\*318\*\*;Mar 20, 1995;Build 121  ;Per VA Directive 6402, this routine should not be modified.  ; EN ; Main entry point  N INPUT,RCVAUTD,XX,YY  K ^TMP($J,"RCDPE\_LAR"),^TMP("RCDPE\_LAR",$J)  K ^TMP("RCSELPAY",$J),^TMP($J,"SELPAYER")  ;  S INPUT=$$STADIV(.RCVAUTD) ; Division filter  Q:'INPUT                                       ; '^' or timeout  S $P(INPUT,"^",2)=$$APORERA() ; Filter by Auto-Post Date or ERA Date Received  Q:'$P(INPUT,"^",2) ; '^' or timeout  S $P(INPUT,"^",3)=$$DTRNG(0) ; Start Date|End date  Q:'$P(INPUT,"^",3) ; '^' or timeout  S $P(INPUT,"^",4)=$$SELERA() ; Select type of ERAS to be displayed  Q:'$P(INPUT,"^",4) ; '^' or timeout  S XX=+$$GETPAY^RCDPEM9(344.4,1,0) ; Insurance Company filter  S XX=$S(XX=-1:-1,XX=2:1,1:2)  S $P(INPUT,"^",5)=XX                           ; Insurance Company filter  Q:$P(INPUT,"^",5)<0 ; '^' or timeout  S XX=$P(INPUT,"^",2),YY=$P(INPUT,"^",4)  S $P(INPUT,"^",6)=$$RPTSORT(XX,YY) ; Select Secondary sort  Q:'$P(INPUT,"^",6) ; '^' or timeout  S $P(INPUT,"^",7)=$$ASKLM^RCDPEARL ; Ask to Display in Listman Template  Q:$P(INPUT,"^",7)<0 ; '^' or timeout  I $P(INPUT,"^",7)=1 D  Q                       ; Compile data and call listman to display  . D LMOUT(INPUT,.RCVAUTD,.IO)  S $P(INPUT,"^",8)=$$EXCEL() ; Ask to output to Excel  Q:$P(INPUT,"^",8)=-1 ; '^' or timeout  D:$P(INPUT,"^",8)=1 INFO^RCDPEM6 ; Display capture information for Excel  S $P(INPUT,"^",9)=$$DEVICE($P(INPUT,"^",8),.IO) ; Ask output device  Q:'$P(INPUT,"^",9)  ;  ; Option to queue  I $D(IO("Q")) D  Q  . N JOB S JOB=$J  . N ZTDESC,ZTRTN,ZTSAVE,ZTSK  . S ZTRTN="REPORT^RCDPELAR(INPUT,.RCVAUTD,.IO,JOB)"  . S ZTDESC="LIST ALL AUTO-POSTED RECEIPTS REPORT"  . M RCPYRSEL=^TMP("RCSELPAY",$J)  . S ZTSAVE("RC\*")="",ZTSAVE("VAUTD")="",ZTSAVE("IO\*")=""  . S ZTSAVE("INPUT")="",ZTSAVE("JOB")=""  . D ^%ZTLOAD  . W !!,$S($D(ZTSK):"Task number "\_ZTSK\_" was queued.",1:"Unable to queue this task.")  . K ZTSK,IO("Q")  . D HOME^%ZIS  ;  D REPORT(INPUT,.RCVAUTD,.IO) ; Compile and Display Report data  Q  ; LMOUT(INPUT,RCVAUTD,IO) ; Output report to Listman  ; Input: INPUT - See REPORT for a complete description  ; RCVAUTD - Array of selected Divisions  ; Only passed if A1=2  ; Output: ^TMP("RCDPE\_LAR",$J,CTR)=Line - Array of display lines (no headers)  ; for output to Listman  ; Only set when A7-1  N HDR  S $P(INPUT,"^",9)=0 ; Initial listman line counter  D REPORT(INPUT,.RCVAUTD,.IO) ; Get the lines to be displayed  S HDR("TITLE")="AUTO-POSTED RECEIPT REPORT"  S HDR(1)=$$HDRLN2^RCDPELA1(INPUT)  S HDR(2)=$$HDRLN3^RCDPELA1(INPUT)  S HDR(3)=""  S HDR(4)=""  S HDR(5)="PAYER"  S HDR(6)=" DATE DATE"  S HDR(7)=$$ERAHDR2^RCDPELA1()  D LMRPT^RCDPEARL(.HDR,$NA(^TMP("RCDPE\_LAR",$J))) ; Generate ListMan display  ;  D ^%ZISC ; Close the device  K ^TMP("RCDPE\_LAR",$J),^TMP($J,"RCDPE\_LAR")  K ^TMP("RCSELPAY",$J),^TMP($J,"SELPAYER")  Q  ; STADIV(RCVAUTD) ; Division/Station Filter  ; Input: None  ; Output: RCVAUTD - Array of selected divisions, if 1 is returned  ; Returns: 0 - User up-arrowed or timed out  ; 1 - All divisions selected  ; 2 - Selected Divisions  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,VAUTD,X,Y  D DIVISION^VAUTOMA ; IA #664 allows this  Q:Y<0 0 ; User up-arrowed or timed out  Q:VAUTD=1 1 ; All divisions selected  M RCVAUTD=VAUTD                            ; Save selected divisions (if any)  Q 2  ; APORERA() ; Ask the user if they want to filter by Auto-Post Date or ERA Date  ; received  ; Input: None  ; Returns: 0 - User up-arrowed or timed out  ; 1 - Filter by Auto-Post date range  ; 2 - Filter by ERA Date Received  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y  S DIR("A")="(A)uto-Post Date or (E)RA Date Received? (A/E): "  S DIR(0)="SA^A:Auto-Post Date;E:ERA Date Received"  S DIR("?",1)="Enter 'A' to filter by an Auto-Post Date Range."  S DIR("?")="Enter 'E' to filter by an ERA Date Received Date Range."  S DIR("B")="A"  D ^DIR  I $D(DTOUT)!$D(DUOUT)!(Y="") Q 0  Q:Y="A" 1  Q 2  ; DTRNG(WHICH) ; Allows the user to select the Auto-Post OR ERA Received  ; date range to be used  ; Input: WHICH - 0 - Auto-Post Date Range  ; 1 - ERA Date Received Date Range  ; Returns: 0 - User up-arrowed or timed out, 1 otherwise  ; A1^A2 - Where:  ; A1 - Aut-Post Start Date  ; A2 - Auto-Post End Date  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,RANGE,START,X,XX,Y  S DIR(0)="DAO^:"\_DT\_":APE"  S DIR("A")="Start Date: "  S XX="Enter the earliest "\_$S(WHICH=0:"Auto-Post date",1:"ERA Date Received")  S XX=XX\_" for receipts to include on the report"  S DIR("?")=XX  D ^DIR  Q:$D(DTOUT)!$D(DUOUT)!(Y="") 0  S START=Y ENDDT ; Prompt for end date  K DIR  S DIR("B")=Y(0)  S DIR(0)="DAO^"\_START\_":"\_DT\_":APE"  S DIR("A")="End Date: "  S XX="Enter the latest "\_$S(WHICH=0:"Auto-Post date",1:"ERA Date Received")  S XX=XX\_" for receipts to include on the report"  S DIR("?")=XX  D ^DIR  Q:$D(DTOUT)!$D(DUOUT)!(Y="") 0  I Y<START D  G ENDDT  . S XX=$$FMTE^XLFDT(START,"2ZD") ;\*\*\*\*  . W !,\*7,"Enter an End date that is not less than "\_XX  S RANGE=START\_"|"\_Y  Q RANGE  ; SELERA() ; Ask the user which types of ERA the want to see on the report  ; Input: None  ; Returns: 0 - User up-arrowed or timed out  ; 1 - Posted/Completed Receipts  ; 2 - Only ERAs with Missing Receipts  ; 3 - Both Posted/Completed and Missing Receipts  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y  S DIR("A")="Select ERAs to be Displayed: "  S DIR(0)="SA^1:Posted/Completed Receipts;2:Missing Receipts;3:Both"  S DIR("B")="Both"  S DIR("?",1)="Enter 1 to only display Posted Receipts."  S DIR("?",2)="Enter 2 to only display ERAs with missing receipts."  S DIR("?")="Enter 3 to display all receipts."  D ^DIR  I $D(DTOUT)!$D(DUOUT)!(Y="") Q 0  Q Y  ; RPTSORT(WHICH,ERASEL) ; Ask the user how they want to sort the data  ; Input: WHICH - 1- Filtering by Auto-Post Date  ; 2 - Filtering by ERA Date Received   ; ERASEL - ERA Filter   ; 1 - Posted/Completed Receipts  ; 2 - Only ERAs with Missing Receipts  ; 3 - Both Posted/Completed and Missing Receipts  ; Returns: 0 - User up-arrowed or timed out  ; 1 - Auto-Post Date sort  ; 2 - Missing Receipts  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,XX,Y  ;  ; If the user is only showing Posted/Completed Receipts OR   ; Missing Receipts then the only possible sort value is by date  I ERASEL'=3 Q 1  S DIR("A")="Sort by (D)ate or (M)issing Receipts: "  S DIR(0)="SA^D:Date;M:Missing Receipts"  S DIR("B")="D"  S XX=$S(WHICH=1:"Auto-Post date.",1:"ERA Date Received.")  S DIR("?",1)="Enter 'D' to sort by "\_XX  S DIR("?")="Enter 'M' to display Missing Receipts first."  D ^DIR  I $D(DTOUT)!$D(DUOUT)!(Y="") Q 0  S XX=$S(Y="D":1,Y="P":2,1:3)  Q XX  ; EXCEL() ; Ask the user if they want to export to Excel  ; Input: None  ; Returns: -1 - User up-arrowed or timed out  ; 0 - Output to paper  ; 1 - Output to Excel  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y  S DIR(0)="Y"  S DIR("A")="Export the report to Microsoft Excel"  S DIR("B")="NO"  S DIR("?")="Enter 'YES' to output to Excel. Otherwise enter 'NO'"  D ^DIR  I $G(DUOUT) Q -1  Q Y  ; DEVICE(EXCEL,IO) ; Select the output device  ; Input: EXCEL - 1 - Ouput to Excel, 0 otherwise  ; Output: %ZIS - Selected device  ; IO - Array of selected output info  ; Returns: 0 - No device selected, 1 otherwise  N POP,RCPYRSEL,%ZIS  S %ZIS="QM"  D ^%ZIS  Q:POP 0  Q:EXCEL 1 ; Output to Excel, no queueing  ;  Q 1  ; REPORT(INPUT,RCVAUTD,IO,JOB) ; Compile and run the report  ; Expects ZTQUEUED to be defined already if queued  ; Input: INPUT - A1^A2^A3^...^An Where:  ; A1 - 1 - All divisions selected  ; 2 - Selected divisions  ; A2 - 1 - Filter by Auto-Post date range  ; 2 - Filter by ERA Date Received date range  ; A3 - B1|B2 - Where:  ; B1 - ERA Date Received Start Date if A2=2  ; Auto-Post Start Date of A2=1  ; B2 - ERA Date Received End Date if A2=2  ; Auto-Post End Date of A2=1  ; A4 - 1 - Posted/Completed Receipts  ; 2 - Only ERAs with Missing Receipts  ; 3 - Both Posted/Completed and Missing Receipts  ; A5 - 1 - All insurance companies selected  ; 2 - Selected insurance companies chosen  ; A6 - 1 - Auto-Post Date/ERA Date Received Sort  ; 2 - Payer sort  ; 3 - Missing Receipts  ; A7 - 0 - Do not display in a listman template  ; 1 - Display in a listman template  ; A8 - 0 - Output to paper  ; 1 - Output to Excel  ; A9 - Line counter for Listman output   ; RCVAUTD - Array of selected Divisions  ; Only passed if A1=2  ; IO - Interface device  ; JOB - $J (optional, only passed in when report is queued)  ; ^TMP("RCSELPAY",$J)- Global Array of selected insurance companies  ; Output: ^TMP("RCDPE\_LAR",$J,CTR)=Line - Array of display lines (no headers)  ; for output to Listman  ; Only set when A7-1  N CURDT,DIVFLT,DTEND,DTSTART,ERAFILT,WHICH,XX,SORT,STOP  K ^TMP("RCDPE\_LAR",$J),^TMP($J,"RCDPE\_LAR")  I '$G(JOB) S JOB=""  U IO  D PAYERS(JOB) ; Rearrange payer global for easier use  S DIVFLT=$P(INPUT,"^",1) ; Division filter  S WHICH=$P(INPUT,"^",2) ; 1 - Auto-Post date, 2 - ERA Date Received  S SORT=$P(INPUT,"^",6) ; Type of secondary sort  S DTEND=$P($P(INPUT,"^",3),"|",2)\_".9999"  ; End of Date Range  S DTSTART=$P($P(INPUT,"^",3),"|",1) ; End of Date Range  S ERAFILT=$P(INPUT,"^",4) ; ERA Filter  ;  ; First filter and sort the report  S CURDT=DTSTART-1  F  D  Q:'CURDT  Q:CURDT>(DTEND)  . S:WHICH=1 CURDT=$O(^RCY(344.4,"F",CURDT))  . S:WHICH=2 CURDT=$O(^RCY(344.4,"AFD",CURDT))  . Q:'CURDT  . Q:CURDT>(DTEND)  . I WHICH=2 D RPTE(DIVFLT,CURDT,SORT,ERAFILT,.RCVAUTD) Q  . D RPTA(DIVFLT,CURDT,SORT,ERAFILT,.RCVAUTD)  ;  D RPTOUT^RCDPELA1(INPUT) ; Output the report  ;  ; Quit if Listman - clean up of ^TMP & device is handled in LMOUT^RCDPELAR  I $P(INPUT,"^",7)=1 Q  ;  ; Close device  I '$D(ZTQUEUED) D ^%ZISC  I $D(ZTQUEUED) S ZTREQ="@"  K ^TMP("RCDPE\_LAR",$J),^TMP($J,"RCDPE\_LAR")  K ^TMP("RCSELPAY",$J),^TMP($J,"SELPAYER")  K ZTQUEUED  Q  ; PAYERS(JOB) ; Rearrange payer global for easier use  ; Input: ^TMP("RCSELPAY",$J,nn)=Payer Name - Global Array of selected  ; insurance companies  ; Output ^TMP($J,"SELPAYER",Payer Name)="" - Global Array of selected  ; insurance rearranged for easier checks  I JOB="" S JOB=$J  N PAYER,XX  K ^TMP($J,"SELPAYER")  S XX=""  F  D  Q:XX=""  . S XX=$O(^TMP("RCSELPAY",JOB,XX))  . Q:XX=""  . S PAYER=$$UP^XLFSTR(^TMP("RCSELPAY",JOB,XX))  . S ^TMP($J,"SELPAYER",PAYER)=""  K ^TMP("RCSELPAY",JOB)  Q  ; RPTE(DIVFLT,CURDT,SORT,ERAFILT,VAUTD) ; Use the ERA Date Received index and filter out  ; divisions, payers that weren't selected  ; Input: DIVFLT - 1 - All Divisions selected, 2 otherwise  ; CURDT - Date being processed  ; SORT - 1 - Auto-Post Date Sort  ; 2 - Missing Receipts  ; ERAFILT - 1 - Posted/Completed Receipts  ; 2 - Only ERAs with Missing Receipts  ; 3 - Both Posted/Completed and Missing Receipts  ; VAUTD - Array of selected divisions  ; ^TMP("RCSELPAY",$J) - Global Array of selected insurance companies  ; Output: ^TMP($J,A1,"SEL",A2,A3,A4,A5)="" - if record passed filters Where:  ; A1 - "RCDPE\_LAR"  ; A2 - Uppercased Payer Name (primary sort)  ; A3 - Secondary Sort Value  ; A4 - Internal IEN for file 344.4  ; A5 - Internal IEN for sub file 344.41  N COMPLETE,IEN3444,IEN34441,IENS,PAYER,RECEIPT,SVAL,XX  S IEN3444=0  F  D  Q:'IEN3444  . S IEN3444=$O(^RCY(344.4,"AFD",CURDT,IEN3444))  . Q:'IEN3444  . S PAYER=$$GET1^DIQ(344.4,IEN3444,.06,"I") ; Payment From field  . S PAYER=$$UP^XLFSTR(PAYER)  . Q:'$D(^TMP($J,"SELPAYER",PAYER)) ; Not a selected payer  . I DIVFLT'=1 Q:'$$CHKDIV^RCDPEDAR(IEN3444,1,.VAUTD) ; Not a selected Division  . S XX=$$GET1^DIQ(344.4,IEN3444,4.01,"I") ; Auto-Post date on ERA  . Q:'XX                                                ; skip if not auto-posted ERA  . S COMPLETE=$$COMPLETE(IEN3444) ; Check for missing receipts  . I ERAFILT=1,'COMPLETE Q                              ; Missing Receipt  . I ERAFILT=2,COMPLETE Q                               ; Not a Missing Receipt  . ;  . ; Just showing missing receipts and this ERA doesn't have any  . I ERAFILT=2,COMPLETE Q  . S IEN34441=0  . F  D  Q:'IEN34441  . . S IEN34441=$O(^RCY(344.4,IEN3444,1,IEN34441))  . . Q:'IEN34441  . . S IENS=IEN34441\_","\_IEN3444\_","  . . S SVAL=$S(SORT=1:CURDT,1:COMPLETE) ; Get the sort value  . . S ^TMP($J,"RCDPE\_LAR","SEL",PAYER,SVAL,IEN3444,IEN34441)=""  Q  ; RPTA(DIVFLT,CURDT,SORT,ERAFILT,VAUTD) ; Use the Auto-Post Date index and filter out  ; divisions, payers that weren't selected  ; Input: DIVFLT - 1 - All Divisions selected, 2 otherwise  ; CURDT - Date being processed  ; SORT - 1 - Auto-Post Date Sort  ; 2 - Missing Receipts  ; ERAFILT - 1 - Posted/Completed Receipts  ; 2 - Only ERAs with Missing Receipts  ; 3 - Both Posted/Completed and Missing Receipts  ; VAUTD - Array of selected divisions  ; ^TMP("RCSELPAY",$J) - Global Array of selected insurance companies  ; ^TMP($J,"RCDPE\_LAR","ERA") - see output for definition  ; Output: ^TMP($J,A1,"SEL",A2,A3,A4,A5)="" - if record passed filters Where:  ; A1 - "RCDPE\_LAR"  ; A2 - Uppercased Payer Name (primary sort)  ; A3 - Secondary Sort Value  ; A4 - Internal IEN for file 344.4  ; A5 - Internal IEN for sub file 344.41  ; ^TMP($J,A1,"ERA",A2)="" - List of ERAs that were already pulled Where:  ; A1 - "RCDPE\_LAR"  ; A2 - IEN of #344.4 (ERA #)  ;  N COMPLETE,IEN3444,IEN3441,PAYER,SVAL  S IEN3444=0  F  D  Q:'IEN3444  . S IEN3444=$O(^RCY(344.4,"F",CURDT,IEN3444))  . Q:'IEN3444  . I DIVFLT'=1 Q:'$$CHKDIV^RCDPEDAR(IEN3444,1,.VAUTD) ; Not a selected Division  . S COMPLETE=$$COMPLETE(IEN3444)  . I ERAFILT=1,'COMPLETE Q                             ; Missing Receipt  . I ERAFILT=2,COMPLETE Q                              ; Not a Missing Receipt  . S PAYER=$$GET1^DIQ(344.4,IEN3444,.06,"I") ; Payment From field  . S PAYER=$$UP^XLFSTR(PAYER)  . Q:'$D(^TMP($J,"SELPAYER",PAYER)) ; Not a selected payer  . Q:$D(^TMP($J,"RCDPE\_LAR","ERA",IEN3444)) ; Already pulled this ERA  . ;  . S ^TMP($J,"RCDPE\_LAR","ERA",IEN3444)=""  . S IEN34441=0  . F  D  Q:'IEN34441  . . S IEN34441=$O(^RCY(344.4,IEN3444,1,IEN34441))  . . Q:'IEN34441  . . S SVAL=$S(SORT=1:CURDT,1:COMPLETE) ; Get the sort value  . . S ^TMP($J,"RCDPE\_LAR","SEL",PAYER,SVAL,IEN3444,IEN34441)=""  Q  ; COMPLETE(IEN3444) ; Checks an ERA for missing receipts  ; Input: IEN3444 - ERA to be checked  ; Returns: 0 if at least one detail line of the ERA has a missing receipt  ; 1 otherwise  N XX  S XX=$$GET1^DIQ(344.4,IEN3444,4.02,"I") ; Auto-Post Status field  I XX=2 Q 1 ; Complete ERA  Q 0  ; ASKSTOP() ; Ask to continue  ; Input: IOST - Device Type   ; Returns: 1 - User wants to quit, 0 otherwise  N DIR,DIROUT,DIRUT,DTOUT,DUOUT  Q:$E(IOST,1,2)'["C-" 0 ; Not a terminal  S DIR(0)="E"  W ! D ^DIR  I ($D(DIRUT))!($D(DUOUT)) Q 1  Q 0  ;** |
|  |

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Routine Name | RCDPELA1 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | RCDPE AUTO-POST RECEIPT REPORT | | | | | | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** |  | | | | | | | | |
| **Related Protocols** |  | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** |  | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  | LMOUT^RCDPELAR  REPORT^RCDPELAR | | | | | $$ASKSTOP^RCDPELAR  $$ENDORPRT^RCDPEARL  $$MISSREC^RCDPELAR | | | |

| **Current Logic** |
| --- |
| N/A |

| **Modified Logic** |
| --- |
| **RCDPELA1 ;EDE/FA - LIST ALL AUTO-POSTED RECEIPTS REPORT ;Nov 17, 2016  ;;4.5;Accounts Receivable;\*\*318\*\*;Mar 20, 1995;Build 121  ;Per VA Directive 6402, this routine should not be modified.  ;  Q   ; no direct entry  ; RPTOUT(INPUT) ; Output the report to paper/screen, listman or excel  ; Input: INPUT - See REPORT for a complete description  ; ^TMP($J,A1,"SEL",A2,A3,A4,A5)="" - if record passed filters Where:  ; A1 - "RCDPE\_LAR"  ; A2 - Uppercased Payer Name (primary sort)  ; A3 - Secondary Sort Value  ; A4 - Internal IEN for file 344.4  ; A5 - Internal IEN for file 344.41  ; Output: ^TMP("RCDPE\_LAR",$J,CTR)=Line - Array of display lines (no headers)  ; for output to Listman  ; Only set when A7-1  ;  ; ^TMP($J,A1,"ZERO",A3,A4)="" - List of EEOBs with zero balance Where:  ; A1 - "RCDPE\_LAR"  ; A3 - IEN of #344.4 (ERA #)  ; A4 - IEN of #344.41 (original sequence #)  ;  N A1,DATA,EXCEL,FIRST,IEN3444,LNCNT,LSTMAN  N ONEERA,OUTTYP,PAGE,PAYER,STOP,SVAL  S (LNCNT,PAGE)=0 ; Initialize Line/Page counters  S $P(INPUT,"^",9)=0 ; Line Counter for Listman output  S EXCEL=$P(INPUT,"^",8)  S LSTMAN=$P(INPUT,"^",7)  S DATA=0  S OUTYPE=$S(EXCEL:2,LSTMAN:1,1:0)  I OUTYPE=2 D                               ; Excel Ouput  . S XX="Payer^ERA^Date Received^Date Posted^Receipt^Trace #"  . S XX=XX\_"^Receipt Total^ERA Total^Missing Receipts^User^Amount^FMS Doc #"  . W !,XX  . ;  S A1="RCDPE\_LAR",PAYER="",STOP=0  S FIRST=$O(^TMP($J,A1,"SEL","")) ; First payer on the report  F  D  Q:PAYER=""  Q:STOP  . S PAYER=$O(^TMP($J,A1,"SEL",PAYER))  . Q:PAYER=""  . S DATA=1 ; found data  . ;  . I OUTYPE=1 D                             ; Listman Output  . . S XX=$P(INPUT,"^",9)+1  . . S $P(INPUT,"^",9)=XX  . . S ^TMP(A1,$J,XX)=PAYER  . ;  . I OUTYPE=0 D  Q:STOP                     ; Paper/Screen output  . . S:PAGE>1!(PAYER'=FIRST) STOP=$$ASKSTOP^RCDPELAR()  . . Q:STOP  . . S LNCNT=0  . . D HEADER(INPUT,.LNCNT,.PAGE)  . . D:'EXCEL ERAHDR(PAYER,.LNCNT,PAGE)  . S SVAL=""  . F  D  Q:SVAL=""  Q:STOP  . . S SVAL=$O(^TMP($J,A1,"SEL",PAYER,SVAL))  . . Q:SVAL=""  . . S IEN3444=""  . . F  D  Q:IEN3444=""  Q:STOP  . . . S IEN3444=$O(^TMP($J,A1,"SEL",PAYER,SVAL,IEN3444))  . . . Q:IEN3444=""  . . . D ZEROBAL(IEN3444) ; determine which IEN34441 lines are zero balance  . . . K ONEERA  . . . S XX=$$GET1^DIQ(344.4,IEN3444,.05,"I") ; Total Amount Paid  . . . S XX=$J(XX,12,2)  . . . S ONEERA="0^"\_XX\_"^0^0"                ; Initial ERA values  . . . S IEN34441=""  . . . F  D  Q:IEN34441=""  Q:STOP  . . . . S IEN34441=$O(^TMP($J,A1,"SEL",PAYER,SVAL,IEN3444,IEN34441))  . . . . Q:IEN34441=""  . . . . ;  . . . . Q:$D(^TMP($J,A1,"ZERO",IEN3444,IEN34441)) ; eliminates reversals  . . . . ;  . . . . ; Get all the detail lines needed to output one ERA record  . . . . D ONEDLN(OUTYPE,IEN3444,IEN34441,.ONEERA)  . . . D ADDERAH(OUTYPE,.ONEERA,IEN3444) ; Add the ERA Header lines  . . . ;  . . . ; Output all the lines for one ERA  . . . S STOP=$$OUTERA(.INPUT,OUTYPE,PAYER,.ONEERA,.LNCNT,.PAGE)  I 'DATA,'EXCEL,'LSTMAN D  . D HEADER(INPUT,.LNCNT,.PAGE)  . D ERAHDR(PAYER,.LNCNT,PAGE)  I 'EXCEL D  . S XX=$$ENDORPRT^RCDPEARL  . I OUTYPE=1 D  Q  . . S YY=$P(INPUT,"^",9)+1  . . S $P(INPUT,"^",9)=YY  . . S ^TMP(A1,$J,YY)=XX  . W !,XX  . I 'STOP S STOP=$$ASKSTOP^RCDPELAR()  . Q:STOP  Q  ; ZEROBAL(IEN3444) ; Is it a zero value EEOB  ; Those EEOB with reversals will have a zero value. This builds  ; an array of them.  ; Input: IEN3444 - Internal IEN for file 344.4  ; Output:  ; ^TMP($J,A1,"ZERO",A3,A4)="" - List of EEOBs with zero balance Where:  ; A1 - "RCDPE\_LAR"  ; A3 - IEN of #344.4 (ERA #)  ; A4 - IEN of #344.41 (original sequence #)  ;  N A1,A2,AMTPOST,IENS,ORIGSEQ,RCSEQ,RCDA1,XX  K ^TMP($J,"RCDPE\_LAR","ZERO",IEN3444)  ;  S A1="RCDPE\_LAR",A2="ZERO"  S RCSEQ=0  F  S RCSEQ=$O(^RCY(344.49,IEN3444,1,"B",RCSEQ)) Q:'RCSEQ  D  . Q:RCSEQ#1'=0   . S RCDA1=+$O(^RCY(344.49,IEN3444,1,"B",RCSEQ,0))  . Q:'RCDA1  . S IENS=RCDA1\_","\_IEN3444\_","  . S AMTPOST=$$GET1^DIQ(344.491,IENS,.03,"I") ; Amount to post on receipt  . I AMTPOST>0 Q                               ; Not zero value line  . S ORIGSEQ=$$GET1^DIQ(344.491,IENS,.09,"I") ; list of original seq #s with zero balance  . S XX=0  . F XX=1:1 Q:$P(ORIGSEQ,",",XX)=""  S ^TMP($J,A1,A2,IEN3444,($P(ORIGSEQ,",",XX)))=""  Q  ; ONEDLN(OUTYPE,IEN3444,IEN34441,ONEERA) ; Gather all of the ERA Detail lines to display  ; one ERA record  ; Input: OUTYPE - O - Output to Screen or paper  ; 1 - Output to Listman  ; 2 - Output to Excel  ; IEN3444 - Internal IEN for file 344.4  ; IEN34441 - Internal IEN for sub file 344.41 of the ERA detail  ; line being processed  ; ONEERA - A1^A2^A3^A4 Where:  ; A1 - Current Number of lines in the ERA display  ; A2 - ERA Total for the ERA (formatted)  ; A3 - Current Receipt Total for the ERA (formatted)  ; A4 - 1 if ERA contains at least one detail record   ; with a missing receipt.  ; 0 otherwise  ; ONEERA(LN)=A4- Where  ; LN - Line number for ERA Display  ; A4 - Actual display line  ; Ouput: ONEERA - A1^A2^A3^A4 Where:  ; A1 - Updated Number of lines in the ERA display  ; A2 - ERA Total for the ERA (formatted)  ; A3 - Updated Receipt Total for the ERA (formatted)  ; A4 - 1 if ERA contains at least one detail record   ; with a missing receipt.  ; 0 otherwise  ; ONEERA(LN)=A4- Where  ; LN - Line number for ERA Display  ; A4 - Actual display line  N AMT,DTPOST,DTREC,LCNT,IENS,LN,PAYER,RECEIPT,TRDOC,USER,XX,YY  S IENS=IEN34441\_","\_IEN3444\_","  S LCNT=$P(ONEERA,"^",1)+1  S $P(ONEERA,"^",1)=LCNT                    ; ERA Line counter  ;  ; Build detail line for ERA Detail record being process  S XX=$$GET1^DIQ(344.4,IEN3444,.07,"I") ; ERA Date Received  S DTREC=$$FMTE^XLFDT(XX,"2DZ")  S XX=$$GET1^DIQ(344.41,IENS,9,"I") ; Auto-Post Date  S DTPOST=$$FMTE^XLFDT(XX,"2DZ")  S XX=$$GET1^DIQ(344.41,IENS,.25,"I") ; Receipt Pointer  S RECEIPT=$$GET1^DIQ(344,XX,.01,"I") ; Receipt Number  S TRDOC=$$GET1^DIQ(344,XX,200,"I") ; FMS Document #  I RECEIPT="" D  . S $P(ONEERA,"^",4)=1  . S RECEIPT="\* Missing \*"  S XX=$O(^RCY(344.72,"E",IEN3444,"")) ; IEN of the Auto-Post Audit File entry  S USER=$$GET1^DIQ(344.72,XX,.02,"I") ; User IEN who marked for Auto-Post  S USER=$$GET1^DIQ(200,USER,1,"I") ; Initials of User who marked for Auto-Post  S AMT=$$GET1^DIQ(344.41,IENS,.03,"I") ; Amount Paid  I RECEIPT'="\* Missing \*" D  . S YY=$P(ONEERA,"^",3) ; Current Receipt Total  . S $P(ONEERA,"^",3)=AMT+YY                ; Updated Receipt Total  S AMT=$J(AMT,12,2) ; Formatted Paid  I OUTYPE=2 D  Q                            ; Output to Excel  . S LN=$$GET1^DIQ(344.4,IEN3444,.06,"I") ; Payment From  . S LN=LN\_"^"\_IEN3444\_"^"\_DTREC\_"^"\_DTPOST\_"^"\_RECEIPT  . S $P(LN,"^",10)=USER  . S $P(LN,"^",11)=AMT  . S $P(LN,"^",12)=TRDOC  . S ONEERA(LCNT)=LN  ;  S LN=" "  S LN=$$SETSTR^VALM1(DTREC,LN,9,10)  S LN=$$SETSTR^VALM1(DTPOST,LN,19,10)  S LN=$$SETSTR^VALM1(RECEIPT,LN,30,$L(RECEIPT))  S LN=$$SETSTR^VALM1(USER,LN,43,$L(USER))  S LN=$$SETSTR^VALM1(AMT,LN,50,$L(AMT))  S LN=$$SETSTR^VALM1(TRDOC,LN,65,$L(TRDOC))  S ONEERA(LCNT)=LN  Q  ; ADDERAH(OUTYPE,ONEERA,IEN3444) ; Add the header lines to ERA output array  ; Input: OUTYPE - O - Output to Screen or paper  ; 1 - Output to Listman  ; 2 - Output to Excel  ; ONEERA - A1^A2^A3^A4 Where:  ; A1 - Number of lines in the ERA display  ; A2 - Total Receipt amount for the ERA (formatted)  ; A3 - Total Amount paid for the ERA (formatted)  ; A4 - 1 if ERA contains at least one detail record   ; with a missing receipt.  ; 0 otherwise  ; ONEERA(LN)=A4- Where  ; LN - Line number for ERA Display  ; A4 - Actual display line  ; IEN3444 - Internal IEN for file 344.4  ; Ouput: ONEERA - Receipt Total Formatted, ERA Lines 1-4 added  N LN,MISSINGR,TOTERA,TOTREC,TRACE,XX  S XX=$P(ONEERA,"^",3) ; Final Receipt Total  S TOTREC=$J(XX,12,2) ; Formatted total  S TOTERA=$P(ONEERA,"^",2) ; Formatted ERA Total  S XX=$$COMPLETE^RCDPELAR(IEN3444)  S MISSINGR=$S(XX=0:"\* Missing Receipts \*",1:"")  S TRACE=$$GET1^DIQ(344.4,IEN3444,.02,"I") ; Trace Number  I OUTYPE=2 D  Q                            ; Excel output  . S XX=""  . F  D  Q:XX=""  . . S XX=$O(ONEERA(XX))  . . Q:XX=""  . . S $P(ONEERA(XX),"^",6)=TRACE            ; Formatted Receipt Total  . . S $P(ONEERA(XX),"^",7)=TOTREC           ; Formatted Receipt Total  . . S $P(ONEERA(XX),"^",8)=$P(ONEERA,"^",2) ; Formatted ERA Total  . . S $P(ONEERA(XX),"^",9)=MISSINGR  ;  ; 1st Main ERA display line  S LN="ERA: "  S LN=$$SETSTR^VALM1(IEN3444,LN,6,$L(IEN3444))  S LN=$$SETSTR^VALM1("ERA Total: ",LN,20,11)  S LN=$$SETSTR^VALM1(TOTERA,LN,32,$L(TOTERA))  S LN=$$SETSTR^VALM1(MISSINGR,LN,53,$L(MISSINGR))  S XX=$P(ONEERA,"^",1)+1  S $P(ONEERA,"^",1)=XX                       ; Update Line counter  S ONEERA(.1)=LN  ;  ; 2nd Main ERA display line  S LN=" Receipt Total:"  S LN=$$SETSTR^VALM1(TOTREC,LN,32,$L(TOTREC))  S XX=$P(ONEERA,"^",1)+1  S $P(ONEERA,"^",1)=XX                       ; Update Line counter  S ONEERA(.2)=LN  ;  ; 3rd Main ERA display line  S LN=" Trace #:"  S XX=$$GET1^DIQ(344.4,IEN3444,.02,"I") ; Trace Number  S LN=$$SETSTR^VALM1(XX,LN,32,$L(XX))  S XX=$P(ONEERA,"^",1)+1  S $P(ONEERA,"^",1)=XX                      ; Update Line counter  S ONEERA(.3)=LN  Q  ; OUTERA(INPUT,OUTYPE,PAYER,ONEERA,LNCNT,PAGE) ; Output the display lines for one ERA  ; Input: INPUT - See REPORT for a complete description  ; OUTYPE - O - Output to Screen or paper  ; 1 - Output to Listman  ; 2 - Output to Excel  ; PAYER - Payer Name  ; ONEERA - Array of lines to display for one ERA  ; LNCNT - Current Line Count  ; PAGE - Current Page Count  ; Output: LNCNT - Updated Line Count  ; PAGE - Updated Page Count  ; A9 - Part of Input above  ; Updated Line counter for Listman Output  ; ^TMP("RCDPE\_LAR",$J,CTR)=Line - Array of display lines (no headers)  ; for output to Listman  ; Only set when A7-1  ; Returns: 1 if user quit, 0 otherwise  N LN,STOP,XX  S STOP=0  S XX=LNCNT-4+$P(ONEERA,"^",1) ; LNCNT + # of lines to display  I 'OUTYPE,(XX>(IOSL-3)) D  Q:STOP 1  . S STOP=$$ASKSTOP^RCDPELAR()  . Q:STOP  . S LNCNT=0  . D HEADER(INPUT,.LNCNT,.PAGE)  . D ERAHDR(PAYER,.LNCNT,.PAGE)  S LN=""  F  D  Q:LN=""  Q:STOP  . S LN=$O(ONEERA(LN))  . Q:LN=""  . S LNCNT=LNCNT+1  . I OUTYPE=1 D  Q  . . S XX=$P(INPUT,"^",9)+1  . . S $P(INPUT,"^",9)=XX  . . S ^TMP("RCDPE\_LAR",$J,XX)=ONEERA(LN)  . W !,ONEERA(LN)  S LNCNT=LNCNT+1  W:OUTYPE=0 !  I OUTYPE=1 D  . S XX=$P(INPUT,"^",9)+1  . S $P(INPUT,"^",9)=XX  . S ^TMP("RCDPE\_LAR",$J,XX)=" "  Q STOP  ; HEADER(INPUT,LNCNT,PAGE) ; Display a Page Header  ; Input: INPUT - See REPORT for a complete description  ; LNCNT - Current Line Count  ; PAGE - Current Page Count  ; Output: LNCNT - Updated Line Count  ; PAGE - Updated Page Count  N XX,YY,ZZ  S YY="AUTO-POSTED RECEIPT REPORT",PAGE=PAGE+1  S XX=$$NOW^XLFDT(),XX=$$FMTE^XLFDT(XX)  S XX=$$SETSTR^VALM1(XX,YY,40,21)  S YY="Page: "\_$J(PAGE,3)  S XX=$$SETSTR^VALM1(YY,XX,72,$L(YY))  S LNCNT=LNCNT+1  W @IOF,XX  ;  S LNCNT=LNCNT+1  S XX=$$HDRLN2(INPUT)  W !,XX  ;  S LNCNT=LNCNT+1  S XX=$$HDRLN3(INPUT)  W !,XX  ;  S LNCNT=LNCNT+1  W ! ; Blank line  Q  ; HDRLN2(INPUT) ; Build the 2nd header line  ; Input: INPUT - See REPORT for a complete description  ; Returns: Text for 2nd header line  N XX,YY,ZZ  S XX=" FILTERS: "\_$S($P(INPUT,"^",1)=1:"All",1:"Selected")\_" Divs;"  S XX=XX\_$S($P(INPUT,"^",5)=1:" All",1:" Selected")\_" Payers;"  S XX=XX\_$S($P(INPUT,"^",2)=1:" Auto-Post Date",1:" ERA Dt Received")  S YY=$P($P(INPUT,"^",3),"|",1),YY=$$FMTE^XLFDT(YY,"2Z")  S ZZ=$P($P(INPUT,"^",3),"|",2),ZZ=$$FMTE^XLFDT(ZZ,"2Z")  S XX=XX\_" "\_YY\_" to "\_ZZ  Q XX  ; HDRLN3(INPUT) ; Build the 2nd header line  ; Input: INPUT - A1^A2^A3^...^An Where:  ; A1 - 1 - All divisions selected  ; 2 - Selected divisions  ; A2 - 1 - Filter by Auto-Post date range  ; 2 - Filter by ERA Date Received date range  ; A3 - B1|B2 - Where:  ; B1 - ERA Date Received Start Date if A2=2  ; Auto-Post Start Date of A2=1  ; B2 - ERA Date Received End Date if A2=2  ; Auto-Post End Date of A2=1  ; A4 - 1 - Posted/Completed Receipts  ; 2 - Only ERAs with Missing Receipts  ; 3 - Both Posted/Completed and Missing Receipts  ; A5 - 1 - All insurance companies selected  ; 2 - Selected insurance companies chosen  ; A6 - 1 - Auto-Post Date/ERA Date Received Sort  ; 2 - Payer sort  ; 3 - Missing Receipts  ; A7 - 0 - Do not display in a listman template  ; 1 - Display in a listman template  ; A8 - 0 - Output to paper  ; 1 - Output to Excel  ; A9 - Line counter for Listman output   ; Returns: Text for 2nd header line  N XX,YY,ZZ  S YY=$P(INPUT,"^",4)  S:YY=1 ZZ="Posted/Completed Receipts"      ; Receipt filter  S:YY=2 ZZ="Missing Receipts Only"  S:YY=3 ZZ="All Receipts"  S XX=" ERA: "\_ZZ  S XX=$$SETSTR^VALM1("SORT: ",XX,40,6)  S YY=$P(INPUT,"^",6) ; Selected Sort  I YY=1,$P(INPUT,"^",2)=1 S ZZ="Auto-Post Date"  I YY=1,$P(INPUT,"^",2)=2 S ZZ="ERA Date Received"  I YY=2 S ZZ="Payer"  I YY=3 S ZZ="Missing Receipts"  S XX=$$SETSTR^VALM1(ZZ,XX,46,$L(ZZ))  Q XX  ; ERAHDR(PAYER,LNCNT,PAGE) ; Display ERA Header Lines  ; Input: PAYER - Payer Name  ; LNCNT - Current Line Count  ; PAGE - Current Page Count  ; Output: LNCNT - Updated Line Count  ; PAGE - Updated Page Count  N XX,YY,ZZ  S LNCNT=LNCNT+1  S XX=" DATE DATE"  W !,XX  ;  S LNCNT=LNCNT+1  S XX=$$ERAHDR2()  W !,XX  ;  S LNCNT=LNCNT+1  S XX=$J("",80),XX=$TR(XX," ","-")  W !,XX  ;  S LNCNT=LNCNT+1  W !,"Payer: ",PAYER  Q  ; ERAHDR2() ; Build the 2nd ERA header line  ; Input: None  ; Returns: Text for 2nd ERA header line  N XX  S XX=" " ;RECEIVED POSTED RECEIPT"  S XX=$$SETSTR^VALM1("RECEIVED",XX,9,8)  S XX=$$SETSTR^VALM1("POSTED",XX,19,6)  S XX=$$SETSTR^VALM1("RECEIPT",XX,30,7)  S XX=$$SETSTR^VALM1("USER",XX,43,4)  S XX=$$SETSTR^VALM1(" AMOUNT",XX,50,12)  S XX=$$SETSTR^VALM1("FMS DOC",XX,65,7)  Q XX  ;** |