**MCCF EDI TAS US1449**

System Design Document

PRCA\*4.5\*xxx



Department of Veterans Affairs

**March 2017**

Version 1

**User Story Number:** US1449

# Story

As a user, I need the ability to select a Payer Name that is greater than 30 characters long when specifying a range of payers on the 835 CARC Data Report [RCDPE CARC CODE PAYER REPORT], the EFT/ERA Trending Report [RCDPE EFT-ERA TRENDING REPORT] and the Provider Level Adjustments Report [RCDPE PROVIDER LVL ADJ REPORT]. Additionally, I should be allowed to select payer names that contain ‘:’, ‘,’ or a ‘-‘ as part of the name when selecting payer ranges in the reports listed above. Finally, I should be able to display payer names/TINs on the above reports without the text wrapping to the next line.

**Conversation:**

On the reports listed above, if I enter ‘ALL’ at the ‘**Select (A)ll or (R)ange of 835 Payer TINs?: ALL//’** prompt, every payer that contains the selected data will appear on the report regardless of the number of characters in the payer’s name. However, I chose a range selection at the prompt above and select a range that includes a payer name with more than 30 characters, it will not appear on the report. Additionally, if a payer name in a specified payer range contains a ‘:’, ‘-‘ or a ‘,’ the range is not properly created and consists of either more or less payers than expected. Finally, when displaying payer names/TINs on the reports listed above, the payer name/TIN may wrap to the next line for payers with long names and/or long TINs.

**Summary:**

1. **Data fields needed by user story:**
2. 344.6,.01 PAYER NAME 0;1 FREE TEXT (Required)

INPUT TRANSFORM: K:$L(X)>60!($L(X)<3)!'(X'?1P.E) X

LAST EDITED: JAN 08, 2014

HELP-PROMPT: Answer must be 3 to 60 characters. This field

should only be populated programmatically.

DESCRIPTION: This is the payer name whose settings are

defined by this entry. This field is

programmatically generated and should never be

updated by a user.

CROSS-REFERENCE: 344.6^B

1)= S ^RCY(344.6,"B",$E(X,1,**60**),DA)=""

2)= K ^RCY(344.6,"B",$E(X,1,**60**),DA)

RECORD INDEXES: CPID (#1042)

1. **Changed Routines:**

1. **RCDPRU** – Existing routine

Subroutine GETRNG was modified to return payer name and payer TIN ranges using a delimiter of ‘~:~’ instead of ‘:’ to account for possible ‘:’s in the payer name or TIN.

Subroutine RNG was changed to only convert ‘-‘s to ‘:’s if not processing a payer name or payer TIN range. Also changed to use ‘ ~:~’ as the delimiter when processing payer name or payer TIN ranges.

1. **RCDPARC** – Existing Routine

Modified - Display of Payer name/TIN in subroutine PRTREP. Changed to first display ‘Payer

Name/TIN’ label on a separate line to give more room to display the value. Added code to

make sure the value can be displayed on the line and truncate the payer name as necessary if it can’t.

1. **RCDPENR2** – Existing Routine

Modified - Display of Payer name/TIN in subroutine PRINTINS. Changed to first display ‘Payer

Name/TIN’ label on a separate line to give more room to display the value. Added code to

make sure the value can be displayed on the line and truncate the payer name as necessary if it can’t.

1. **RCDPPLB** – Existing Routine

Modified - Display of Payer name/TIN in subroutine REPORT. Changed to first display ‘Payer

Name/TIN’ label on a separate line to give more room to display the value. Added code to

make sure the value can be displayed on the line and truncate the payer name as necessary if it can’t.

1. **RCDPEAR1** – Existing Routine

Modified - Display of Payer name/TIN in subroutine XXX. Changed to first display ‘Payer

Name/TIN’ 8 characters to the left to give more room to display the value. Added code to

make sure the value can be displayed on the line and truncate the payer name as necessary if it can’t. Finally moved the ERA DATE to the following line as the header indicates. Currently, it incorrectly displays on the Payer name/TIN line.

**Current – 835 CARC Data Report**

EDI LOCKBOX 835 CARC DATA REPORT - SUMMARY FORMAT Page: 6

SORT BY: CARC RUN DATE: Mar 29, 2017@07:58:39

Divisions: ALL CARCs: ALL

835 PAYERS: ALL 835 PAYER TINs: ALL

EOB PAID DATE RANGE: 01/01/12 - 03/29/17

===============================================================================

-----------------------------------------------------------------------------

PAYER NAME/TIN: GLOBE LIFE & ACCIDENT/1731128555

#CLAIMS: 7 ADJ: 8% [ADJ: 162.81/BILLED: 1988.47] PAID: 852.88

-----------------------------------------------------------------------------

**Proposed – 835 CARC Data Report**

EDI LOCKBOX 835 CARC DATA REPORT - SUMMARY FORMAT Page: 6

SORT BY: CARC RUN DATE: Mar 29, 2017@07:58:39

Divisions: ALL CARCs: ALL

835 PAYERS: ALL 835 PAYER TINs: ALL

EOB PAID DATE RANGE: 01/01/12 - 03/29/17

===============================================================================

-----------------------------------------------------------------------------

**PAYER NAME/TIN**

**GLOBE LIFE & ACCIDENT/1731128555**

#CLAIMS: 7 ADJ: 8% [ADJ: 162.81/BILLED: 1988.47] PAID: 852.88

-----------------------------------------------------------------------------

**Current – EFT/ERA Trending Report**

EFT/ERA TRENDING REPORT PAGE 1

ALL DIVISIONS ALL PAYERS ALL TINS

DATE RANGE: 1/1/12 - 3/29/17 RUN DATE: 3/29/17@10:06:45

-------------------------------------------------------------------------------

PAYER NAME/TIN: AETNA/1066033492

-------------------------------------------------------------------------------

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ERA MATCHED TO AN EFT \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-------------------------------------------------------------------------------

CLAIM# DOS AMT BILLED AMT PAID BILLED ERA/EOB REC'D EFT/P

MT REC'D

POSTED

TRACE #

AUTOPOST/MANUAL

ETRANS TYPE ERA# #EEOBS EFT# #DAYS:(BILL/ERA) #DAYS:(ERA/EF

T)

#DAYS:(ERA+EFT/POSTED)

TOTAL #DAYS(BILL/POSTED)

-------------------------------------------------------------------------------

**Proposed – EFT/ERA Trending Report**

EFT/ERA TRENDING REPORT PAGE 1

ALL DIVISIONS ALL PAYERS ALL TINS

DATE RANGE: 1/1/12 - 3/29/17 RUN DATE: 3/29/17@10:06:45

-------------------------------------------------------------------------------

**PAYER NAME/TIN**

**AETNA/1066033492**

-------------------------------------------------------------------------------

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ERA MATCHED TO AN EFT \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-------------------------------------------------------------------------------

CLAIM# DOS AMT BILLED AMT PAID BILLED ERA/EOB REC'D EFT/P

MT REC'D

POSTED

TRACE #

AUTOPOST/MANUAL

ETRANS TYPE ERA# #EEOBS EFT# #DAYS:(BILL/ERA) #DAYS:(ERA/EF

T)

#DAYS:(ERA+EFT/POSTED)

TOTAL #DAYS(BILL/POSTED)

-------------------------------------------------------------------------------

**Current – Provider Level Balance Report**

EDI LOCKBOX 835 PROVIDER LEVEL ADJUSTMENT (PLB) REPORT - SUMMARY Page: 1

SORT by PLB CODES REPORT RUN DATE: Mar 29, 2017@10:11:19

DIVISION: ALL Codes: ALL

835 PAYERS: ALL 835 PAYER TINs: ALL

EOB PAID DATE RANGE: 01/01/12 - 03/29/17

===============================================================================

GRAND TOTALS FOR ALL PLB CODES & PAYERS ON REPORT

TOTAL #ERAs: 1109 ADJ: 16% [TOT AMT ADJUSTED / TOT AMT BILLED]

AMT ADJUST: $ 399386.68 AMT BILLED: $ 2537781.68 AMT PAID: $ 883788.63

===============================================================================

ADJ CODE: 50 # ERAs: 12 ADJ: 9% [TOT AMT ADJUSTED / TOT AMT BILLED]

AMT ADJUST: 253.00 AMT BILLED: 2707.77 AMT PAID: 2908.77

ADJ CODE TEXT: Late Charge

-------------------------------------------------------------------------------

PAYER NAME/TIN: AETNA -CONTINENTAL LIFE INSURANCE COMPANY OF BRENTWOOD/1621181

209

#ERAs: 3 ADJ: -6% [ADJ: -22.00/ BILLED: 350.17] PAID: 276.17

-----------------------------------------------------------------------------

**Proposed – Provider Level Balance Report**

EDI LOCKBOX 835 PROVIDER LEVEL ADJUSTMENT (PLB) REPORT - SUMMARY Page: 1

SORT by PLB CODES REPORT RUN DATE: Mar 29, 2017@10:11:19

DIVISION: ALL Codes: ALL

835 PAYERS: ALL 835 PAYER TINs: ALL

EOB PAID DATE RANGE: 01/01/12 - 03/29/17

===============================================================================

GRAND TOTALS FOR ALL PLB CODES & PAYERS ON REPORT

TOTAL #ERAs: 1109 ADJ: 16% [TOT AMT ADJUSTED / TOT AMT BILLED]

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ADJ CODE: 50 # ERAs: 12 ADJ: 9% [TOT AMT ADJUSTED / TOT AMT BILLED]

AMT ADJUST: 253.00 AMT BILLED: 2707.77 AMT PAID: 2908.77

ADJ CODE TEXT: Late Charge

-------------------------------------------------------------------------------

**PAYER NAME/TIN**

**AETNA -CONTINENTAL LIFE INSURANCE COMPANY OF BRENTWOOD/1621181209**

#ERAs: 3 ADJ: -6% [ADJ: -22.00/ BILLED: 350.17] PAID: 276.17

-----------------------------------------------------------------------------

**Current – ERA Unmatched Aging Report**

ERA UNMATCHED AGING REPORT Page: 3

RUN DATE: 3/21/17@11:41:57

DIVISIONS: ALL

PAYERS: ALL

DATE RANGE: 07/23/15 - 07/23/15 (ERA FILE DATE) CHAMPVA: NO TRICARE: NO

AGED

DAYS TRACE #

PAYMENT FROM/ID

FILE DATE AMOUNT PAID EEOB CNT ERA # ERA DATE

===============================================================================

EEOB Seq #: 1 EEOB on file for K5042RN 2.26

607 33154549

LOYAL AM/CONT GEN/UNTD TEACHER/GRT AMER/PROV AMER/CENTRL RE 7/18/15

7/23/15 109.53 2 91909

**Proposed – ERA Unmatched Aging Report**

ERA UNMATCHED AGING REPORT Page: 3

RUN DATE: 3/21/17@11:41:57

DIVISIONS: ALL

PAYERS: ALL

DATE RANGE: 07/23/15 - 07/23/15 (ERA FILE DATE) CHAMPVA: NO TRICARE: NO

AGED

DAYS TRACE #

PAYMENT FROM/ID

FILE DATE AMOUNT PAID EEOB CNT ERA # ERA DATE

===============================================================================

EEOB Seq #: 1 EEOB on file for K5042RN 2.26

607 33154549

LOYAL AM/CONT GEN/UNTD TEACHER/GRT AMER/PROV AMER/CENTRL/1234567890 ~~7/18/15~~

7/23/15 109.53 2 91909 07/18/15

**Resolution – Added Changed Objects**

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | RCDPARC | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDPE CARC CODE PAYER REPORT | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | RCDPPLB  RCDPRU | GCARC^RCDPCRR  $$CHECKDT^RCDPRU  $$DATE^RCDPRU  $$GETPAY^RCDPRU  $$NOW^RCDPRU  $$VAL^RCDPRU  ASK^RCDPRU  RNG^RCDPARU  SUM^RCDPRU  DIVISION^VAUTOMA |

| **Current Logic** |
| --- |
| ; DATA = the Report information; SUMM = Summary, Grand totals;  ; SORT = What is the major sort order for DATA, CARC or Payer PRTREP(DATA,SUMM,SORT,CD,RA,RCSTOP) ; Print report data out of the "REPORT" subarray  N IX,IY,TIX,TIY,IEN,CL,LN,LN2,DLN,AMTA,AMTB,AMTP,TIN,DESC,DX0,DZ,PAY,CZ,PCT,X,DIWL,DIWR,RCSL  S $P(LN,"-",80)="",$P(DLN,"=",80)="",$P(LN2,"-",78)="",LN2=" "\_LN2,RCSL=8  ; Do Grand totals - moved to top of report per Susan on 7/16/2015  S DX0=$G(@SUMM@("CLAIMS")),PCT=0  S:+$P(DX0,U,2)'=0 PCT=$J(($P(DX0,U,4)/$P(DX0,U,2))\*100,3,0)  S:+$P(DX0,U,2)=0 PCT="ERR"  I RCSL>=(IOSL-4) S RCSTOP=$$NEWPG(.RCPG,1,.RCSL,CD,RA) Q:RCSTOP  W !  W "GRAND TOTAL ALL CARCS / ALL PAYERS ON REPORT",!  W " TOTAL #CLAIMS: ",$J($P(DX0,U,1),6,0)," ADJ: ",PCT,"% [TOT AMT ADJUSTED / TOT AMT BILLED]",!  W " AMT ADJUST: $",$J($P(DX0,U,4),11,2)," AMT BILLED: $",$J($P(DX0,U,2),11,2)," AMT PAID: $",$J($P(DX0,U,3),11,2),!  W !,DLN,!! S RCSL=RCSL+5  ;  S IX="",IEN="",CL=0,AMTB=0,AMTP=0,DESC="Empty Description"  F  S IX=$O(@DATA@(IX)) Q:IX=""!RCSTOP  S TIX=$G(@DATA@(IX)),IY="" D  Q:RCSTOP   . D:SORT="C"  Q:RCSTOP  ; CARC Sorted output IX => CARC; IY => Payer Name  .. S DX0=$G(@DATA@(IX,"~~SUM")),CL=$P(DX0,U,1),AMTB=$P(DX0,U,2),AMTP=$P(DX0,U,3),AMTA=$P(DX0,U,4),DESC=$P(DX0,U,5),PCT=(AMTA/AMTB)\*100  .. W "CARC: ",$J(IX,4)," TOTAL #CLAIMS: ",$J(CL,5,0)," ADJ:",$J(PCT,3,0),"% [TOT AMT ADJUSTED / TOT AMT BILLED]",! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. W " AMT ADJUST: ",$J(AMTA,11,2)," AMT BILLED: ",$J(AMTB,12,2)," AMT PAID: ",$J(AMTP,12,2),! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. S X="Desc: "\_$E(DESC,1,73),DIWL=1,DIWR=80 K ^UTILITY($J,"W") D ^DIWP,^DIWW S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. W LN,! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. S CZ=0,PAY="" F  S PAY=$O(@DATA@(IX,"~~SUM",PAY)) Q:PAY=""!RCSTOP  S CZ=CZ+1 D  Q:RCSTOP  ... S DZ=@DATA@(IX,"~~SUM",PAY),PCT=$S((+$P(DZ,U,2)'=0):($P(DZ,U,4)/$P(DZ,U,2)\*100),1:"ERROR")  ... I CZ>1 W LN2,! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... W " PAYER NAME/TIN: ",PAY,! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... W " #CLAIMS: ",$J($P(DZ,U,1),4,0)," ADJ:",$J(PCT,3,0),"% [ADJ: ",$J($P(DZ,U,4),10,2),"/BILLED: ",$J($P(DZ,U,2),10,2),"] PAID: ",$J($P(DZ,U,3),10,2),! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... D:RCDET DETAIL(DATA,IX,PAY,.RCSL,.RCSTOP) Q:RCSTOP  ; Data array, CARC, Payer/TIN  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. Q:RCSTOP  W LN,! S RCSL=RCSL+1 ; Removed "!," in front of "LN"  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  . Q:RCSTOP  . D:SORT="P"  Q:RCSTOP  ; Payer Sorted output IX => Payer Name; IY => CARC  .. W "PAYER NAME/TIN: ",IX,! S RCSL=RCSL+1  .. S DX0=$G(@DATA@(IX,"~~SUM")),CL=$P(DX0,U,1),AMTB=$P(DX0,U,2),AMTP=$P(DX0,U,3),AMTA=$P(DX0,U,4),PCT=(AMTA/AMTB)\*100  .. W "#CLAIMS: ",$J(CL,4,0)," ADJ: ",$J(PCT,3,0),"% [ADJ:",$J(AMTA,10,2),"/BILLED:",$J(AMTB,11,2),"] PAID:",$J(AMTP,11,2),! S RCSL=RCSL+1  .. W LN,!! S RCSL=RCSL+2  .. S CZ=0,IY="" F  S IY=$O(@DATA@(IX,"~~SUM",IY)) Q:IY=""  S CZ=CZ+1 D  Q:RCSTOP  ... S DZ=@DATA@(IX,"~~SUM",IY)  ... I CZ>1 W LN2,! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... S PCT=$S((+$P(DZ,U,2)'=0):($P(DZ,U,4)/$P(DZ,U,2)\*100),1:"ERROR")  ... W ?2,"CARC: ",$J(IY,4),?14,"#CLAIMS: ",$J($P(DZ,U,1),5,0),?30,"ADJ: ",$J(PCT,3,0),"% [AMT ADJUSTED / AMT BILLED]",! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... W ?2,"AMT ADJUST: ",$J($P(DZ,U,4),11,2),?26," BILLED: ",$J($P(DZ,U,2),12,2),?56," PAID: ",$J($P(DZ,U,3),12,2),! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... S X="Desc: "\_$E($P(DZ,U,5),1,68),DIWL=3,DIWR=80 K ^UTILITY($J,"W") D ^DIWP,^DIWW S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... D:RCDET DETAIL(DATA,IX,IY,.RCSL,.RCSTOP) Q:RCSTOP  ; Data array, Payer/TIN, CARC  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. Q:RCSTOP  W LN,! S RCSL=RCSL+1 ; Removed "!," in front of LN  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  Q  ; |

| **Modified Logic (Changes are in bold)** |
| --- |
| ~~; DATA = the Report information; SUMM = Summary, Grand totals;~~  ~~; SORT = What is the major sort order for DATA, CARC or Payer~~ PRTREP(DATA,SUMM,SORT,CD,RA,RCSTOP) ; Print report data out of the "REPORT" subarray **; Input: DATA - Compiled report data in ^TMP("RCDPARC\_REPORT",$J)  ; SUM - Compiled grand totals in ^TMP("RCDPARC\_REPORT",$J,"~~SUM")  ; SORT - Selected Sort Option  ; CD - 'D' - Detail report, 'S' - Summary report  ; RA - Always 0 for now to not display CARCS on report  ; Output: RCSTOP - 1 if user quit out of the display, 0 otherwise  N AMTA,AMTB,AMTP,CL,CZ,DESC,DIWL,DIWR,DLN,DX0,DZ,IX,IY,LN,LN2,PAY,PCT,RCSL  N TIN,TIX,TIY,X,XX,YY,ZZ**  **~~N IX,IY,TIX,TIY,IEN,CL,LN,LN2,DLN,AMTA,AMTB,AMTP,TIN,DESC,DX0,DZ,PAY,CZ,PCT,X,DIWL,DIWR,RCSL~~**  S $P(LN,"-",80)="",$P(DLN,"=",80)="",$P(LN2,"-",78)="",LN2=" "\_LN2,RCSL=8  ; Do Grand totals - moved to top of report per Susan on 7/16/2015  S DX0=$G(@SUMM@("CLAIMS")),PCT=0  S:+$P(DX0,U,2)'=0 PCT=$J(($P(DX0,U,4)/$P(DX0,U,2))\*100,3,0)  S:+$P(DX0,U,2)=0 PCT="ERR"  I RCSL>=(IOSL-4) S RCSTOP=$$NEWPG(.RCPG,1,.RCSL,CD,RA) Q:RCSTOP  W !  W "GRAND TOTAL ALL CARCS / ALL PAYERS ON REPORT",!  W " TOTAL #CLAIMS: ",$J($P(DX0,U,1),6,0)," ADJ: ",PCT,"% [TOT AMT ADJUSTED / TOT AMT BILLED]",!  W " AMT ADJUST: $",$J($P(DX0,U,4),11,2)," AMT BILLED: $",$J($P(DX0,U,2),11,2)," AMT PAID: $",$J($P(DX0,U,3),11,2),!  W !,DLN,!! S RCSL=RCSL+5  ;  S IX="",IEN="",CL=0,AMTB=0,AMTP=0,DESC="Empty Description"  F  S IX=$O(@DATA@(IX)) Q:IX=""!RCSTOP  S TIX=$G(@DATA@(IX)),IY="" D  Q:RCSTOP   . D:SORT="C"  Q:RCSTOP  ; CARC Sorted output IX => CARC; IY => Payer Name  .. S DX0=$G(@DATA@(IX,"~~SUM")),CL=$P(DX0,U,1),AMTB=$P(DX0,U,2),AMTP=$P(DX0,U,3),AMTA=$P(DX0,U,4),DESC=$P(DX0,U,5),PCT=(AMTA/AMTB)\*100  .. W "CARC: ",$J(IX,4)," TOTAL #CLAIMS: ",$J(CL,5,0)," ADJ:",$J(PCT,3,0),"% [TOT AMT ADJUSTED / TOT AMT BILLED]",! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. W " AMT ADJUST: ",$J(AMTA,11,2)," AMT BILLED: ",$J(AMTB,12,2)," AMT PAID: ",$J(AMTP,12,2),! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. S X="Desc: "\_$E(DESC,1,73),DIWL=1,DIWR=80 K ^UTILITY($J,"W") D ^DIWP,^DIWW S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. W LN,! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. S CZ=0,PAY="" F  S PAY=$O(@DATA@(IX,"~~SUM",PAY)) Q:PAY=""!RCSTOP  S CZ=CZ+1 D  Q:RCSTOP  ... S DZ=@DATA@(IX,"~~SUM",PAY),PCT=$S((+$P(DZ,U,2)'=0):($P(DZ,U,4)/$P(DZ,U,2)\*100),1:"ERROR")  ... I CZ>1 W LN2,! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP **~~... W " PAYER NAME/TIN: ",PAY,! S RCSL=RCSL+1~~  ... W " PAYER NAME/TIN",!  ... S RCSL=RCSL+1  ... I $L(PAY)>76 D  .... S ZZ=$L(PAY,"/"),XX=$P(PAY,"/",1,ZZ-1),YY=$P(PAY,"/",ZZ)  .... S XX=$E(XX,1,$L(XX)-($L(PAY)-76)),PAY=XX\_"/"\_YY  ... W " ",PAY,!**   ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... W " #CLAIMS: ",$J($P(DZ,U,1),4,0)," ADJ:",$J(PCT,3,0),"% [ADJ: ",$J($P(DZ,U,4),10,2),"/BILLED: ",$J($P(DZ,U,2),10,2),"] PAID: ",$J($P(DZ,U,3),10,2),! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... D:RCDET DETAIL(DATA,IX,PAY,.RCSL,.RCSTOP) Q:RCSTOP  ; Data array, CARC, Payer/TIN  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. Q:RCSTOP  W LN,! S RCSL=RCSL+1 ; Removed "!," in front of "LN"  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  . Q:RCSTOP  . D:SORT="P"  Q:RCSTOP  ; Payer Sorted output IX => Payer Name; IY => CARC  .. **~~W "PAYER NAME/TIN: ",IX,! S RCSL=RCSL+1~~  .. W " PAYER NAME/TIN",!  .. S RCSL=RCSL+1  .. I $L(IX)>76 D  ... S ZZ=$L(IX,"/"),XX=$P(IX,"/",1,ZZ-1),YY=$P(IX,"/",ZZ)  ... S XX=$E(XX,1,$L(XX)-($L(IX)-76)),IX=XX\_"/"\_YY  .. W " ",IX,!**  **..** S DX0=$G(@DATA@(IX,"~~SUM")),CL=$P(DX0,U,1),AMTB=$P(DX0,U,2),AMTP=$P(DX0,U,3),AMTA=$P(DX0,U,4),PCT=(AMTA/AMTB)\*100  .. W "#CLAIMS: ",$J(CL,4,0)," ADJ: ",$J(PCT,3,0),"% [ADJ:",$J(AMTA,10,2),"/BILLED:",$J(AMTB,11,2),"] PAID:",$J(AMTP,11,2),! S RCSL=RCSL+1  .. W LN,!! S RCSL=RCSL+2  .. S CZ=0,IY="" F  S IY=$O(@DATA@(IX,"~~SUM",IY)) Q:IY=""  S CZ=CZ+1 D  Q:RCSTOP  ... S DZ=@DATA@(IX,"~~SUM",IY)  ... I CZ>1 W LN2,! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... S PCT=$S((+$P(DZ,U,2)'=0):($P(DZ,U,4)/$P(DZ,U,2)\*100),1:"ERROR")  ... W ?2,"CARC: ",$J(IY,4),?14,"#CLAIMS: ",$J($P(DZ,U,1),5,0),?30,"ADJ: ",$J(PCT,3,0),"% [AMT ADJUSTED / AMT BILLED]",! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... W ?2,"AMT ADJUST: ",$J($P(DZ,U,4),11,2),?26," BILLED: ",$J($P(DZ,U,2),12,2),?56," PAID: ",$J($P(DZ,U,3),12,2),! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... S X="Desc: "\_$E($P(DZ,U,5),1,68),DIWL=3,DIWR=80 K ^UTILITY($J,"W") D ^DIWP,^DIWW S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  ... D:RCDET DETAIL(DATA,IX,IY,.RCSL,.RCSTOP) Q:RCSTOP  ; Data array, Payer/TIN, CARC  ... I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  .. Q:RCSTOP  W LN,! S RCSL=RCSL+1 ; Removed "!," in front of LN  .. I RCSL>=(IOSL-2) S RCSTOP=$$NEWPG(.RCPG,0,.RCSL,CD,RA) Q:RCSTOP  Q  ; |

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | RCDPENR2 | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDPE EFT-ERA TRENDING REPORT | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | RCDPENR1  RCDPENR3  RCDPENR4  RCDPENRY | ASK^RCDPEADP  $$ENDOFROT^RCDPEARL  $$DIVTXT^RCDPENR1  $$INITARCH^RCDPENR1  $$PAYERTXT^RCDPENR1  SAVEDATA^RCDPENR1  COMPILE^RCDPENR3  GETEFT^RCDPENR3  $$INTRSCT^RCDPENR4  GETERA^RCDPENR4  TINARY^RCDPENR4  $$XM^RCDPENRU  PYARRY^RCDPENRU  $$DISPTY^RCDPRU  $$GETPAY^RCDPRU  $$GETTIN^RCDPRU  INFO^RCDPRU  DIVISION^VAUTOMA |

| **Current Logic** |
| --- |
| .  .  .  ; Print the insurance header line  PRINTINS(RCINS) ;  N RCSTOP,XX,YY,ZZ  ; undeclared parameter  ; RCLINE - line of "-" for report formating  ;  S RCSTOP=0  I $Y>(IOSL-7) D  . D ASK^RCDPEADP(.RCSTOP,0)  . Q:RCSTOP  . D HEADER  I RCSTOP Q RCSTOP  W "PAYER NAME/TIN: ",RCINS,!   W RCLINE,!  Q RCSTOP  ;  .  .  . |

| **Modified Logic (Changes are in bold)** |
| --- |
| .  .  .  PRINTINS(RCINS) ; **Print the insurance header line** **; Input: RCINS - Payer Name/TIN to be displayed  ; RCLINE - line of dashes used for separation  ; Returns 1 - User quit out of report, 0 otherwise**   N RCSTOP**,XX,YY,ZZ** **~~; undeclared parameter  ; RCLINE - line of "-" for report formating~~**  ;  S RCSTOP=0  I $Y>(IOSL-7) D  . D ASK^RCDPEADP(.RCSTOP,0)  . Q:RCSTOP  . D HEADER  I RCSTOP Q RCSTOP **W "PAYER NAME/TIN",!  I $L(RCINS)>78 D  . S ZZ=$L(RCINS,"/"),XX=$P(RCINS,"/",1,ZZ-1),YY=$P(RCINS,"/",ZZ)  . S XX=$E(XX,1,$L(XX)-($L(RCINS)-78)),RCINS=XX\_"/"\_YY  W " ",RCINS,!**  W RCLINE,!  Q RCSTOP  ;  .  .  . |

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | RCDPEAR1 | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDPE EFT-ERA TRENDING REPORT | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | RCDPEAR  RCCPEAR2  RCDPEM9 | $$ASKLM^RCDPEARL  $$CLMCHMPV^RCDPEARL  $$CLMTRICR^RCDPEARL  $$ENDOFRPT^RCDPEARL  $$INTRICAR^RCDPEARL  $$NOW^RCDPEARL  $$ASK^RCDPEARL  HDRLST^RCDPEARL  LMRPT^RCDPEARL  SL^RCDPEARL  $$DISPTY^RCDPEM3  $$DTRNG^RCDPEM4  ERASTA^RCDPEM4  INFO^RCDPEM6  $$GETPAY^RCDPEM9  DISP^RCDPE0  $$ADJ^RCDPEU  $$HASCERA^RCDPEU  $$XCEPT^RCDPEWLP  DIVISION^VAUTOMA |

| **Current Logic** |
| --- |
|  |

| **Modified Logic** |
| --- |
|  |

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | RCDPPLB | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDPE PROVIDER LVL ADJ REPORT | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | N/A | ERASTA^RCDPEM4  $$CHECKDT^RCDPRU  $$GETPAY^RCDPRU  $$GETTIN^RCDPRU  $$NOW^RCDPRU  $$UP^RCDPRU  $$VAL^RCDPRU  ASK^RCDPRU  RNG^RCDPRU  SUMIT^RCDPRU  DIVISION^VAUTOMA |

| **Current Logic** |
| --- |
| .  .  .  REPORT ; Print out the report  ; Set up Division Header Text and PLB Code Header Text  S RCSL=0  S:VAUTD=1 DIVHDR="ALL" D:VAUTD=0  . N I S DIVHDR="",I="" F  S I=$O(VAUTD(I)) Q:I=""  S:DIVHDR'="" DIVHDR=DIVHDR\_", "\_VAUTD(I) S:DIVHDR="" DIVHDR=VAUTD(I)  S CRHDR=RCODE  ; Trim information so it will fit on an 80 or IOM character line  D:($L(DIVHDR)+$L(CRHDR))>(IOM-25)  . N VAL,DH,CH,R1,R2 S DH=0,CH=0,R1=0,R2=0,VAL=(IOM-25)\2 ; get half of the screen length  . S:$L(DIVHDR)>VAL DH=1 S:$L(CRHDR)>VAL CH=1 S:DH=0 R1=VAL-$L(DIVHDR) S:CH=0 R2=VAL-$L(CRHDR)  . I $L(DIVHDR)>(VAL+R2) S DIVHDR=$E(DIVHDR,1,(VAL+R2))\_"..."  . I $L(CRHDR)>(VAL+R1) S CRHDR=$E(CRHDR,1,(VAL+R2))\_"..."  ;  I 'RCEXCEL D  . S RCPG=RCPG+1 W @IOF  . D HDRP($$HDR(RCDET),1,"Page: "\_RCPG\_" ")  . D HDRP("SORT by "\_$S($E(RCSORT,1)="C":"PLB CODES",1:"PAYER NAMES")\_" REPORT RUN DATE: "\_RCNOW,1)  . D HDRP("DIVISION: "\_DIVHDR\_" Codes: "\_CRHDR,1)  . D HDRP("835 PAYERS: "\_$S(RCPAY="ALL":"ALL",1:"Selected")\_" 835 PAYER TINs: "\_$S($E(RCTIN)="A":"ALL",1:"Selected"),1)  . D HDRP("EOB PAID DATE RANGE: "\_$$DATE^RCDPRU(RCDT1)\_" - "\_$$DATE^RCDPRU(RCDT2),1)  . W !,RCHR,!  E  D  . ; Excel Report  . W "CODE^PAYER^TIN^REP\_DATE^AMOUNT",!  ;  S $P(ZLN,"-",80)="",$P(ZDLN,"=",80)="",$P(ZLN2,"-",78)="",ZLN2=" "\_ZLN2,RCSL=7  ; Do Grand totals first - per Susan 7/16/2015  S DX0=$G(^TMP("RCDPPLB\_REPORT",$J,"TOTALS")),PCT=0  S:+$P(DX0,U,5)'=0 PCT=$J(($P(DX0,U,1)/$P(DX0,U,5))\*100,3,0)  S:+$P(DX0,U,5)=0 PCT="ERR"  I RCSL>=(IOSL-4) S RCQUIT=$$NEWPG(.RCPG,1,.RCSL,RCSORT) Q:RCQUIT  W ! S RCSL=RCSL+1  W "GRAND TOTALS FOR ALL PLB CODES & PAYERS ON REPORT",! S RCSL=RCSL+1  W " TOTAL #ERAs: ",$J($P(DX0,U,3),6,0)," ADJ: ",PCT,"% [TOT AMT ADJUSTED / TOT AMT BILLED]",! S RCSL=RCSL+1  W " AMT ADJUST: $",$J($P(DX0,U,1),11,2)," AMT BILLED: $",$J($P(DX0,U,5),11,2)," AMT PAID: $",$J($P(DX0,U,2),11,2),! S RCSL=RCSL+1  W !,ZDLN,!! S RCSL=RCSL+1  I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) G:RCQUIT PLBQ  ;  S ZZ="" F  S ZZ=$O(^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ)) Q:ZZ=""  S ZDAT=^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ) D  Q:RCQUIT  . D:RCSORT="C"  Q:RCQUIT  .. W "ADJ CODE: ",ZZ," # ERAs: ",$J($P(ZDAT,U,3),5)," ADJ: ",$S(+$P(ZDAT,U,5)>0:$J((($P(ZDAT,U,1)/$P(ZDAT,U,5))\*100),3,0),1:"ERR"),"% [TOT AMT ADJUSTED / TOT AMT BILLED]",! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W " AMT ADJUST: ",$J($P(ZDAT,U,1),8,2)," AMT BILLED: ",$J($P(ZDAT,U,5),9,2)," AMT PAID: ",$J($P(ZDAT,U,2),9,2),! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W "ADJ CODE TEXT: ",$P(ZDAT,U,4),! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W ZLN,! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. S PY="",CZ=0 F  S PY=$O(^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ,PY)) Q:PY=""  S ZPY=^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ,PY) D  Q:RCQUIT  S CZ=CZ+1  ... S:+($P(ZPY,U,5))'=0 ZPPY=$J((($P(ZPY,U,1)/$P(ZPY,U,5))\*100),3,0)  ... S:+($P(ZPY,U,5))=0 ZPPY="ERR"  ... I CZ>0 W ZLN2,! S RCSL=RCSL+1  ... W " PAYER NAME/TIN: ",PY,! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  ... W " #ERAs: ",$J($P(ZPY,U,3),4)," ADJ: ",ZPPY,"% [ADJ: ",$J($P(ZPY,U,1),8,2),"/ BILLED: ",$J($P(ZPY,U,5),9,2),"] PAID: ",$J($P(ZPY,U,2),9,2),! S RCSL=RCSL+1  ... D:RCDET DETAIL(RCSORT,ZZ,PY,$NA(^TMP("RCDPPLB\_REPORT",$J))) Q:RCQUIT  .. W:'RCQUIT ZLN,! S RCSL=RCSL+1  . D:RCSORT="P"  Q:RCQUIT  .. W "PAYER NAME/TIN: ",ZZ,! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W "# ERAs:",$J($P(ZDAT,U,3),5)," ADJ: ",$S(+$P(ZDAT,U,5)>0:$J((($P(ZDAT,U,1)/$P(ZDAT,U,5))\*100),3,0),1:"ERR"),"% [AMT ADJ:",$J($P(ZDAT,U,1),8,2),"/ BILLED:",$J($P(ZDAT,U,5),9,2),"] PAID:",$J($P(ZDAT,U,2),9,2),! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W ZLN,! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. S PY="",CZ=0 F  S PY=$O(^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ,PY)) Q:PY=""  S ZPY=^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ,PY) D  Q:RCQUIT  S CZ=CZ+1  ... S ZPPY=$S(+$P(ZPY,U,5)'=0:$J((($P(ZPY,U,1)/$P(ZPY,U,5))\*100),3,0),1:"ERR")  ... I CZ>0 W ZLN2,! S RCSL=RCSL+1  ... W " ADJ CODE: ",PY," ADJ CODE TXT: ",$P(ZPY,U,4),! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  ... W " #ERAs: ",$J($P(ZPY,U,3),4)," ADJ: ",ZPPY,"% [ADJ: ",$J($P(ZPY,U,1),8,2),"/ BILLED: ",$J($P(ZPY,U,5),9,2),"] PAID: ",$J($P(ZPY,U,2),9,2),! S RCSL=RCSL+1  ... D:RCDET DETAIL(RCSORT,ZZ,PY,$NA(^TMP("RCDPPLB\_REPORT",$J))) Q:RCQUIT  .. I 'RCQUIT W ZLN,! S RCSL=RCSL+1  D:'RCQUIT ASK^RCDPRU(.RCQUIT) PLBQ ;  K RCQUIT,VAUTD,ZDAT,ZLN,ZDLN,ZLN2  K ^TMP("RCDPPLB\_REPORT",$J)  Q  ;  .  .  . |

| **Modified Logic (Changes are in bold)** |
| --- |
| .  .  .  REPORT ; Print out the report  ; Set up Division Header Text and PLB Code Header Text  S RCSL=0  S:VAUTD=1 DIVHDR="ALL" D:VAUTD=0  . N I S DIVHDR="",I="" F  S I=$O(VAUTD(I)) Q:I=""  S:DIVHDR'="" DIVHDR=DIVHDR\_", "\_VAUTD(I) S:DIVHDR="" DIVHDR=VAUTD(I)  S CRHDR=RCODE  ; Trim information so it will fit on an 80 or IOM character line  D:($L(DIVHDR)+$L(CRHDR))>(IOM-25)  . N VAL,DH,CH,R1,R2 S DH=0,CH=0,R1=0,R2=0,VAL=(IOM-25)\2 ; get half of the screen length  . S:$L(DIVHDR)>VAL DH=1 S:$L(CRHDR)>VAL CH=1 S:DH=0 R1=VAL-$L(DIVHDR) S:CH=0 R2=VAL-$L(CRHDR)  . I $L(DIVHDR)>(VAL+R2) S DIVHDR=$E(DIVHDR,1,(VAL+R2))\_"..."  . I $L(CRHDR)>(VAL+R1) S CRHDR=$E(CRHDR,1,(VAL+R2))\_"..."  ;  I 'RCEXCEL D  . S RCPG=RCPG+1 W @IOF  . D HDRP($$HDR(RCDET),1,"Page: "\_RCPG\_" ")  . D HDRP("SORT by "\_$S($E(RCSORT,1)="C":"PLB CODES",1:"PAYER NAMES")\_" REPORT RUN DATE: "\_RCNOW,1)  . D HDRP("DIVISION: "\_DIVHDR\_" Codes: "\_CRHDR,1)  . D HDRP("835 PAYERS: "\_$S(RCPAY="ALL":"ALL",1:"Selected")\_" 835 PAYER TINs: "\_$S($E(RCTIN)="A":"ALL",1:"Selected"),1)  . D HDRP("EOB PAID DATE RANGE: "\_$$DATE^RCDPRU(RCDT1)\_" - "\_$$DATE^RCDPRU(RCDT2),1)  . W !,RCHR,!  E  D  . ; Excel Report  . W "CODE^PAYER^TIN^REP\_DATE^AMOUNT",!  ;  S $P(ZLN,"-",80)="",$P(ZDLN,"=",80)="",$P(ZLN2,"-",78)="",ZLN2=" "\_ZLN2,RCSL=7  ; Do Grand totals first - per Susan 7/16/2015  S DX0=$G(^TMP("RCDPPLB\_REPORT",$J,"TOTALS")),PCT=0  S:+$P(DX0,U,5)'=0 PCT=$J(($P(DX0,U,1)/$P(DX0,U,5))\*100,3,0)  S:+$P(DX0,U,5)=0 PCT="ERR"  I RCSL>=(IOSL-4) S RCQUIT=$$NEWPG(.RCPG,1,.RCSL,RCSORT) Q:RCQUIT  W ! S RCSL=RCSL+1  W "GRAND TOTALS FOR ALL PLB CODES & PAYERS ON REPORT",! S RCSL=RCSL+1  W " TOTAL #ERAs: ",$J($P(DX0,U,3),6,0)," ADJ: ",PCT,"% [TOT AMT ADJUSTED / TOT AMT BILLED]",! S RCSL=RCSL+1  W " AMT ADJUST: $",$J($P(DX0,U,1),11,2)," AMT BILLED: $",$J($P(DX0,U,5),11,2)," AMT PAID: $",$J($P(DX0,U,2),11,2),! S RCSL=RCSL+1  W !,ZDLN,!! S RCSL=RCSL+1  I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) G:RCQUIT PLBQ  ;  S ZZ="" F  S ZZ=$O(^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ)) Q:ZZ=""  S ZDAT=^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ) D  Q:RCQUIT  . D:RCSORT="C"  Q:RCQUIT  .. W "ADJ CODE: ",ZZ," # ERAs: ",$J($P(ZDAT,U,3),5)," ADJ: ",$S(+$P(ZDAT,U,5)>0:$J((($P(ZDAT,U,1)/$P(ZDAT,U,5))\*100),3,0),1:"ERR"),"% [TOT AMT ADJUSTED / TOT AMT BILLED]",! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W " AMT ADJUST: ",$J($P(ZDAT,U,1),8,2)," AMT BILLED: ",$J($P(ZDAT,U,5),9,2)," AMT PAID: ",$J($P(ZDAT,U,2),9,2),! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W "ADJ CODE TEXT: ",$P(ZDAT,U,4),! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W ZLN,! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. S PY="",CZ=0 F  S PY=$O(^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ,PY)) Q:PY=""  S ZPY=^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ,PY) D  Q:RCQUIT  S CZ=CZ+1  ... S:+($P(ZPY,U,5))'=0 ZPPY=$J((($P(ZPY,U,1)/$P(ZPY,U,5))\*100),3,0)  ... S:+($P(ZPY,U,5))=0 ZPPY="ERR"  ... I CZ>0 W ZLN2,! S RCSL=RCSL+1 **~~... W " PAYER NAME/TIN: ",PY,! S RCSL=RCSL+1~~  ... W " PAYER NAME/TIN",!  ... S RCSL=RCSL+1  ... I $L(PY)>76 D  .... S ZZ=$L(PY,"/"),XX=$P(PY,"/",1,ZZ-1),YY=$P(PY,"/",ZZ)  .... S XX=$E(XX,1,60-($L(PAY)-76)),PY=XX\_"/"\_YY  ... W " ",PY,!**  **... S RCSL=RCSL+1**  ... I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  ... W " #ERAs: ",$J($P(ZPY,U,3),4)," ADJ: ",ZPPY,"% [ADJ: ",$J($P(ZPY,U,1),8,2),"/ BILLED: ",$J($P(ZPY,U,5),9,2),"] PAID: ",$J($P(ZPY,U,2),9,2),! S RCSL=RCSL+1  ... D:RCDET DETAIL(RCSORT,ZZ,PY,$NA(^TMP("RCDPPLB\_REPORT",$J))) Q:RCQUIT  .. W:'RCQUIT ZLN,! S RCSL=RCSL+1  . D:RCSORT="P"  Q:RCQUIT  .. W "PAYER NAME/TIN: ",ZZ,! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W "# ERAs:",$J($P(ZDAT,U,3),5)," ADJ: ",$S(+$P(ZDAT,U,5)>0:$J((($P(ZDAT,U,1)/$P(ZDAT,U,5))\*100),3,0),1:"ERR"),"% [AMT ADJ:",$J($P(ZDAT,U,1),8,2),"/ BILLED:",$J($P(ZDAT,U,5),9,2),"] PAID:",$J($P(ZDAT,U,2),9,2),! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. W ZLN,! S RCSL=RCSL+1  .. I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  .. S PY="",CZ=0 F  S PY=$O(^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ,PY)) Q:PY=""  S ZPY=^TMP("RCDPPLB\_REPORT",$J,"SUMMARY",ZZ,PY) D  Q:RCQUIT  S CZ=CZ+1  ... S ZPPY=$S(+$P(ZPY,U,5)'=0:$J((($P(ZPY,U,1)/$P(ZPY,U,5))\*100),3,0),1:"ERR")  ... I CZ>0 W ZLN2,! S RCSL=RCSL+1  ... W " ADJ CODE: ",PY," ADJ CODE TXT: ",$P(ZPY,U,4),! S RCSL=RCSL+1  ... I RCSL>=(IOSL-2) S RCQUIT=$$NEWPG(.RCPG,0,.RCSL,RCSORT) Q:RCQUIT  ... W " #ERAs: ",$J($P(ZPY,U,3),4)," ADJ: ",ZPPY,"% [ADJ: ",$J($P(ZPY,U,1),8,2),"/ BILLED: ",$J($P(ZPY,U,5),9,2),"] PAID: ",$J($P(ZPY,U,2),9,2),! S RCSL=RCSL+1  ... D:RCDET DETAIL(RCSORT,ZZ,PY,$NA(^TMP("RCDPPLB\_REPORT",$J))) Q:RCQUIT  .. I 'RCQUIT W ZLN,! S RCSL=RCSL+1  D:'RCQUIT ASK^RCDPRU(.RCQUIT) PLBQ ;  K RCQUIT,VAUTD,ZDAT,ZLN,ZDLN,ZLN2  K ^TMP("RCDPPLB\_REPORT",$J)  Q  ;  .  .  . |

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | RCDPRU | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDPE CARC CODE PAYER REPORT  RCDPE EFT-ERA TRENDING REPORT  RCDPE PROVIDER LVL ADJ REPORT | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | RCDPARC  RCDPCRR  RCDPEAPS  RCDPEM2  RCDPENR2  RCDPESP1  RCDPESP5  RCDPPLB  RCDPTAR  RCDPTAR1 | $$SEL^RCPEWL7 |

| **Current Logic** |
| --- |
| .  .  .   ; Pass RCPAY by reference GETPAY(RCPAY) ; Get payer information  N EX,RCLPAY S EX=1 ; Exit status  S DIR("A")="Select (A)ll or (R)ange of 835 Payer Names?: ",DIR(0)="SA^A:All Payer Names;R:Range or List of Payer Names"  S DIR("B")="ALL" D ^DIR K DIR  I $D(DTOUT)!$D(DUOUT)!(Y="") S EX=0 Q EX  S RCLPAY=Y I $G(Y)="A" S RCPAY="ALL",RCPAY("DATA")="ALL" G GPO  ; Get Range of 835 Payers  ;I RCLPAY="R" D GLIST(344.6,"B",$NA(^TMP("RCDPARC\_P",$J))),GETPAYR("RCPAY",$NA(^TMP("RCDPARC\_P",$J))) S EX=RTNFLG  I RCLPAY="R" S EX=$$GETRNG(.RCPAY,"P"),RCPAY="R" GPO ;  Q EX  ;  ; Pass RCTIN by reference GETTIN(RCTIN) ; Get Payer TIN information  N EX,RCTLIST,DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y S EX=1 ; Exit status  S DIR("A")="Select (A)ll or (R)ange of 835 Payer TINs?: ",DIR(0)="SA^A:All Payer TINs;R:Range or List of Payer TINs"  S DIR("B")="ALL" D ^DIR K DIR  I $D(DTOUT)!$D(DUOUT)!(Y="") S EX=0 Q EX  S RCTLIST=Y I $G(Y)="A" S RCTIN="ALL",RCTIN("DATA")="ALL" G GTO  ; Get Range of 835 Payer TINs  I RCTLIST="R" S EX=$$GETRNG(.RCTIN,"T"),RCTIN="R" GTO ;  Q EX  ; RTNARR - Indirect Return array  ; TYPE - The type of lookup "P" - Payer; "T" - TIN GETRNG(RTNARR,TYPE) ;  N DIC,D,RCDTN,RCDN,RCPT,DTOUT,DUOUT,DIRUT,DIROUT,X,Y,IDX  I $G(TYPE)=""!("PT"'[$G(TYPE)) S RTNARR="ERROR" Q  ; Quit if TYPE not correct  S IDX=$S(TYPE="P":"B",TYPE="T":"C")  K DIC S DIC="^RCY(344.6,",DIC(0)="AES",D=IDX  S DIC("A")="Start with 835 "\_$S(TYPE="P":"Payer Name",TYPE="T":"Payer TIN")\_": "  I TYPE="P" S DIC("W")="D EN^DDIOL($P(^(0),U,2),,""?35"")"  E  S DIC("W")="D EN^DDIOL($P(^(0),U,1),,""?35"")"  D IX^DIC I $D(DTOUT)!$D(DUOUT)!(Y="")!(Y=-1) Q 0  S RCDN=$O(^RCY(344.6,IDX,X,""))  S RTNARR("START")=RCDN\_U\_X\_U\_Y,RTNARR("DATA")=X  ;  K DIC S DIC="^RCY(344.6,",DIC(0)="AES",D=IDX  S DIC("A")="Go to with 835 "\_$S(TYPE="P":"Payer Name",TYPE="T":"Payer TIN")\_": "  I TYPE="P" S DIC("W")="D EN^DDIOL($P(^(0),U,2),,""?35"")"  E  S DIC("W")="D EN^DDIOL($P(^(0),U,1),,""?35"")"  D IX^DIC I $D(DTOUT)!$D(DUOUT)!(Y="")!(Y=-1) Q 0  S RCDN=$O(^RCY(344.6,IDX,X,""))  S RTNARR("END")=RCDN\_U\_X\_U\_Y  I TYPE="P" S RTNARR("DATA")=$P(RTNARR("START"),U,4)\_":"\_$P(RTNARR("END"),U,4)  I TYPE="T" S RTNARR("DATA")=$P(RTNARR("START"),U,2)\_":"\_$P(RTNARR("END"),U,2)  Q 1  ;  .  .  .   ; Collect data in a list or range to an array, ARRAY passed by reference RNG(TYPE,ITEM,ARRAY) ;  ; Take everything for this TYPE if item is all and quit out  I $G(ITEM)="ALL"!($G(ITEM)="A") S ARRAY(TYPE)="ALL" Q  N X1,X2,NW,I,ELEM  S NW=$TR(ITEM,";",":"),NW=$TR(NW,"-",":") ; Fix ";" or "-" to ":" (colons) for parsing  F I=1:1 S ELEM=$P(NW,",",I) Q:ELEM=""  D  . ; Single element set into array   . I ELEM'[":" S ARRAY(TYPE,ELEM)=1  . E  D RNGIT(TYPE,ELEM,.ARRAY)  Q   ; Process ranges for CARC/PLB/PAYER/TIN  ; ZAR passed by reference RNGIT(TYPE,ITEM,ZAR) ;  N X1,X2,ELEM,O1,ZGBL,IDX,FILE  ; Set file # and index for the range lookup  S FILE=$S(TYPE="CARC":345,TYPE="PAYER":344.6,TYPE="TIN":344.6,TYPE="PLB":345.1,1:0)  S IDX=$S(TYPE="CARC":"B",TYPE="PAYER":"B",TYPE="TIN":"C",TYPE="PLB":"B",1:0)  ; Get closed root of the Global  S ZGBL=$$ROOT^DILFD(FILE,"",1,"")  I ZGBL="" Q  ; Process range of things in ITEM  S X1=$P(ITEM,":",1),X2=$P(ITEM,":",2)  S O1=$O(@ZGBL@(IDX,X1),-1) ; Set the start  F  S O1=$O(@ZGBL@(IDX,O1)) Q:(O1="")!($$AFTER(O1,X2)) S ZAR(TYPE,O1)=1  Q  ;  .  .  . |

| **Modified Logic (Changes are in bold)** |
| --- |
| .  .  .  **~~; Pass RCPAY by reference~~** GETPAY(RCPAY) ; **~~Get payer information~~** EP **~~N EX,RCLPAY S EX=1 ; Exit status~~**  **; Get selected payers using file 344.6  ; Note: Similar to GETPAY^RCDPEM9 except that method uses 344.4 or 344.31  ; Input: None  ; Output: RCPAY - ALL if all payers selected  ; RCPAY(DATA) - 'ALL' - all payers selected  ; Returns: 1 - Payer selection made, 0 otherwise  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,EX,RCLPAY,Y  S EX=1 ; Exit status**  **~~S DIR("A")="Select (A)ll or (R)ange of 835 Payer Names?: ",DIR(0)="SA^A:All Payer Names;R:Range or List of Payer Names"  S DIR("B")="ALL" D ^DIR K DIR~~  S DIR("A")="Select (A)ll or (R)ange of 835 Payer Names?: "  S DIR(0)="SA^A:All Payer Names;R:Range or List of Payer Names"  S DIR("B")="ALL"   D ^DIR  K DIR**   I $D(DTOUT)!$D(DUOUT)!(Y="") S EX=0 Q EX **~~S RCLPAY=Y I $G(Y)="A" S RCPAY="ALL",RCPAY("DATA")="ALL" G GPO~~  S RCLPAY=Y  I $G(Y)="A" S RCPAY="ALL",RCPAY("DATA")="ALL" Q EX  ;**   ; Get Range of 835 Payers **~~;I RCLPAY="R" D GLIST(344.6,"B",$NA(^TMP("RCDPARC\_P",$J))),GETPAYR("RCPAY",$NA(^TMP("RCDPARC\_P",$J))) S EX=RTNFLG~~**  I RCLPAY="R" S EX=$$GETRNG(.RCPAY,"P"),RCPAY="R" **~~GPO ;~~**  Q EX  ; **~~; Pass RCTIN by reference~~** GETTIN(RCTIN) ; **~~Get Payer TIN information~~ EP** **~~N EX,RCTLIST,DIR,DIROUT,DIRUT,DTOUT,DUOUT,X,Y S EX=1 ; Exit status~~  ; Get selected Payer TINs  ; Input: None  ; Output: RCTIN - ALL if all payer TINs selected  ; RCPAY(DATA) - 'ALL' - all payer TINs selected  ; Returns: 1 - Payer selection made, 0 otherwise  N DIR,DIROUT,DIRUT,DTOUT,DUOUT,EX,RCTLIST,X,Y  S EX=1 ; Exit status**  **~~S DIR("A")="Select (A)ll or (R)ange of 835 Payer TINs?: ",DIR(0)="SA^A:All Payer TINs;R:Range or List of Payer TINs"~~  S DIR("A")="Select (A)ll or (R)ange of 835 Payer TINs?: "  S DIR(0)="SA^A:All Payer TINs;R:Range or List of Payer TINs"**  **~~S DIR("B")="ALL" D ^DIR K DIR~~  S DIR("B")="ALL"  D ^DIR  K DIR**   I $D(DTOUT)!$D(DUOUT)!(Y="") S EX=0 Q EX **~~S RCTLIST=Y I $G(Y)="A" S RCTIN="ALL",RCTIN("DATA")="ALL" G GTO~~  S RCTLIST=Y  I $G(Y)="A" S RCTIN="ALL",RCTIN("DATA")="ALL" Q EX  ;**   ; Get Range of 835 Payer TINs  I RCTLIST="R" S EX=$$GETRNG(.RCTIN,"T"),RCTIN="R" **~~GTO ;~~**  Q EX **~~; RTNARR - Indirect Return array  ; TYPE - The type of lookup "P" - Payer; "T" - TIN~~** GETRNG(RTNARR,TYPE) ;  **Allows the user to specify a payer name or TIN range** **~~N DIC,D,RCDTN,RCDN,RCPT,DTOUT,DUOUT,DIRUT,DIROUT,X,Y,IDX~~  ; Input: TYPE - 'P' - Payer Name range selection  ; 'T' - Payer TIN range selection  ; Output: RTNARR - 'ERROR' - Invalid TYPE of range selected  ; RTNARR(DATA) - A1~:~A2 Where:  ; A1 - External Payer Name or TIN of selected   ; 344.6 Payer for range start  ; A2 - External Payer Name or TIN of selected  ; 344.6 Payer for range end  ; RTNARR(START) - Starting Range Value A1^A2^A3^A4 Where:  ; A1 - Internal IEN of selected 344.6 Payer for  ; range start  ; A2 - External Payer Name or TIN for range start  ; A3 - Internal IEN of selected 344.6 Payer for  ; range start  ; A4 - External Payer Name or TIN for range end  ; RTNARR(END) - Ending Range Value A1^A2^A3^A4 Where:  ; A1 - Internal IEN of selected 344.6 Payer for   ; range end  ; A2 - External Payer Name or TIN for range end  ; A3 - Internal IEN of selected 344.6 for range end  ; A4 - External Payer Name or TIN for range end  B "L+"  N D,DIC,DIROUT,DIRUT,DTOUT,DUOUT,IDX,RCDTN,RCDN,RCPT,X,Y**   I $G(TYPE)=""!("PT"'[$G(TYPE)) S RTNARR="ERROR" Q  ; Quit if TYPE not correct  S IDX=$S(TYPE="P":"B",TYPE="T":"C") **~~K DIC S DIC="^RCY(344.6,",DIC(0)="AES",D=IDX~~  K DIC  S DIC="^RCY(344.6,",DIC(0)="AES",D=IDX**   S DIC("A")="Start with 835 "\_$S(TYPE="P":"Payer Name",TYPE="T":"Payer TIN")\_": "  I TYPE="P" S DIC("W")="D EN^DDIOL($P(^(0),U,2),,""?35"")"  E  S DIC("W")="D EN^DDIOL($P(^(0),U,1),,""?35"")" **~~D IX^DIC I $D(DTOUT)!$D(DUOUT)!(Y="")!(Y=-1) Q 0~~  D IX^DIC  I $D(DTOUT)!$D(DUOUT)!(Y="")!(Y=-1) Q 0**   S RCDN=$O(^RCY(344.6,IDX,X,""))  S RTNARR("START")=RCDN\_U\_X\_U\_Y,RTNARR("DATA")=X  ; **~~K DIC S DIC="^RCY(344.6,",DIC(0)="AES",D=IDX~~  K DIC  S DIC="^RCY(344.6,",DIC(0)="AES",D=IDX**   S DIC("A")="Go to with 835 "\_$S(TYPE="P":"Payer Name",TYPE="T":"Payer TIN")\_": "  I TYPE="P" S DIC("W")="D EN^DDIOL($P(^(0),U,2),,""?35"")"  E  S DIC("W")="D EN^DDIOL($P(^(0),U,1),,""?35"")" **~~D IX^DIC I $D(DTOUT)!$D(DUOUT)!(Y="")!(Y=-1) Q 0~~**  **D IX^DIC  I $D(DTOUT)!$D(DUOUT)!(Y="")!(Y=-1) Q 0**   S RCDN=$O(^RCY(344.6,IDX,X,""))  S RTNARR("END")=RCDN\_U\_X\_U\_Y **~~I TYPE="P" S RTNARR("DATA")=$P(RTNARR("START"),U,4)\_":"\_$P(RTNARR("END"),U,4)  I TYPE="T" S RTNARR("DATA")=$P(RTNARR("START"),U,2)\_":"\_$P(RTNARR("END"),U,2)~~  I TYPE="P" S RTNARR("DATA")=$P(RTNARR("START"),U,4)\_"~:~"\_$P(RTNARR("END"),U,4)  I TYPE="T" S RTNARR("DATA")=$P(RTNARR("START"),U,2)\_"~:~"\_$P(RTNARR("END"),U,2)**   Q 1  ;  .  .  .  **~~; Collect data in a list or range to an array, ARRAY passed by reference~~** RNG(TYPE,ITEM,ARRAY) ;**EP**  **~~; Take everything for this TYPE if item is all and quit out~~  ; Collect data in a list or range to an array  ; Input: TYPE - Type of data being collected  ; CARC - Carc codes  ; PAYER - Payer names  ; PLB - Provider Level Balance Codes  ; TIN - Payer IDs  ; ITEM - Comma delimitted list of codes and/or ranges to parse  ; Ouput: ARRAY - Array containing all of the data parsed from ITEM**   I $G(ITEM)="ALL"!($G(ITEM)="A") S ARRAY(TYPE)="ALL" Q **~~N X1,X2,NW,I,ELEM~~**  **~~S NW=$TR(ITEM,";",":"),NW=$TR(NW,"-",":") ; Fix ";" or "-" to ":" (colons) for parsing~~  N DELIM,ELEM,I,NW,X1,X2  ;  ; Before processing CARC and PLB Codes, translate any dashes found in ranges  ; to colons  I TYPE'="PAYER",TYPE'="TIN" D  . S NW=$TR(ITEM,";",":"),NW=$TR(NW,"-",":"),DELIM=”:”**  **E S DELIM=”~:~”**   F I=1:1 S ELEM=$P(NW,",",I) Q:ELEM=""  D  . ; Single element set into array   . I ELEM'[**DELIM** S ARRAY(TYPE,ELEM)=1  . E  D RNGIT(TYPE,ELEM,**DELIM,**.ARRAY)  Q  **~~; Process ranges for CARC/PLB/PAYER/TIN  ; ZAR passed by reference~~** RNGIT(TYPE,ITEM**.DELIM**,ZAR) ; **Process ranges for CARC/PLB/PAYER/TIN** **~~N X1,X2,ELEM,O1,ZGBL,IDX,FILE~~** **; Input: TYPE - Type of data being collected  ; CARC - Carc codes  ; PAYER - Payer names  ; PLB - Provider Level Balance Codes  ; TIN - Payer IDs  ; ITEM - Code or Code range being processed  ; DELIM - Range delimitter to use  ; Ouput: ZAR - Array containing all of the data parsed from ITEM  N ELEM,FILE,IDX,O1,X1,X2,ZGBL**   ; Set file # and index for the range lookup  S FILE=$S(TYPE="CARC":345,TYPE="PAYER":344.6,TYPE="TIN":344.6,TYPE="PLB":345.1,1:0)  S IDX=$S(TYPE="CARC":"B",TYPE="PAYER":"B",TYPE="TIN":"C",TYPE="PLB":"B",1:0)  ; Get closed root of the Global  S ZGBL=$$ROOT^DILFD(FILE,"",1,"")  I ZGBL="" Q  ; Process range of things in ITEM  S X1=$P(ITEM,**DELIM**,1),X2=$P(ITEM,**DELIM**,2)  S O1=$O(@ZGBL@(IDX,X1),-1) ; Set the start  F  S O1=$O(@ZGBL@(IDX,O1)) Q:(O1="")!($$AFTER(O1,X2)) S ZAR(TYPE,O1)=1  Q  ;  .  .  . |