**MCCF EDI TAS US19**

System Design Document



Department of Veterans Affairs

**October 2017**

Version 1.01

**User Story Number:** USRX-01

**User Story Name:** Updates to lengths of 4 HIPAA-mandated longer fields

**Product Backlog ID:** 412

**Backlog Priority:** (High,Medium,Low)

**Initial Sizing Estimate:**

**Rational ID:** tbd

**Rally ID:** US19

# Design – Summary

Due to HIPAA regulatory requirements, the following VistA fields were increased in length in Integrated Billing: Name of Insured, Group Number, Group Name, Subscriber ID. Packages that access the Integrated Billing fields need to be modified to accommodate the HIPAA mandated increased field lengths. Several ePharmacy files store these data fields. Because ePharmacy files store data exactly how those fields were sent to or received from the payer, according to the NCPDP standard, and the NCPDP field lengths are not changing, the length of most of these fields in ePharmacy will not be changing at this time.

To ensure that the data transmitted within the ePharmacy transaction is displayed to the user, there are screens and reports that will need to be updated to match the NCPDP Telecommunications standard field sizes as close as possible based on limited screen availability.

List of Components:

* Routine: PSOREJU3
* Routine: PSOREJP1
* Routine: IBCNRRP3
* Routine: BPSRPT4
* Routine: BPSRPT5
* List Template: IBCNR GROUP PLAN MATCH
* List Template: IBCNR PLAN MATCH
* File: IB NCPDP EVENT LOG sub-file INSURANCE #366.1412

# Design – Detail

There are several screens that need to be updated in order for the fields displayed to match the NCPDP Telecommunications standard field sizes.

The updates to the following screens are described below:

* Reject Notification Screen
* Match Multiple Group Plans Option [IBCNR GROUP PLAN MATCH]
* Match Group Plan to a Pharmacy Option [IBCNR PLAN MATCH]
* Third Party Payer Rejects – View/Process [PSO REJECTS VIEW/PROCESS] – Reject Information Screen
* Third Party Payer Rejects – Worklist [PSO REJECTS WORKLIST] – Reject Information Screen

The Reject Notification Screen will be updated truncating the Group Name, Group Number and Cardholder ID in the routine PSOREJU3.

| Subroutine Name | **DISPLAY^PSOREJU3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US19 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| TRIC2^PSOREJU3,  DC1^PSOREJU1 | | | $$GET1^DIQ,  GET^PSOREJU2  $$DVINFO^PSOREJU2,  $$PTINFO^PSOREJU2,  $$CLAIM^BPSUTL,  PRT^PSOREJU2 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: RX  Definition: Rx IEN (#52)  New  Modify  Delete  No Change  Name: REJ  Definition: REJECT ID (IEN)  New  Modify  Delete  No Change  Name: KEY  Definition: Display “Press any KEY to continue…” (1-YES/0-NO) (Default: 0)  New  Modify  Delete  No Change  Name: RRR  Definition: Reject Resolution Required Information Flag(0/1)^Threshold Amt^Gross Amt Due (Default: 0)  If Flag=0, there is not Reject Resolution Required reject code.  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PSOREJU3 ;BIRM/LJE - BPS (ECME) - Clinical Rejects Utilities (3) ;04/25/08  ;;7.0;OUTPATIENT PHARMACY;\*\*287,290,358,359,385,421,427,448,478\*\*;DEC 1997;Build 25 .  .  .  DISPLAY(RX,REJ,KEY,RRR) ; - Displays REJECT information  ; Input: (r) RX - Rx IEN (#52)  ; (r) REJ - REJECT ID (IEN)  ; (o) KEY - Display "Press any KEY to continue..." (1-YES/0-NO) (Default: 0)  ; (o) RRR - Reject Resolution Required information Flag(0/1)^Threshold Amt^Gross Amt Due (Default: 0)  ; If Flag = 0, there is no Reject Resolution Required reject code. Parameter added with PSO\*421  ;  Q:$G(NFROM)  I '$G(RX)!'$G(REJ) Q  I '$D(^PSRX(RX,"REJ",REJ))&('$G(PSONBILL))&('$G(PSONPROG)) Q  ;  N DATA,RFL,LINE,%  S RFL=+$$GET1^DIQ(52.25,REJ\_","\_RX,5)  I '$G(PSONBILL)&('$G(PSONPROG)) D GET^PSOREJU2(RX,RFL,.DATA,REJ) I '$D(DATA(REJ)) Q  ;  D HDR  S $P(LINE,"-",74)="" W !?3,LINE  W !?3,$$DVINFO^PSOREJU2(RX,RFL)  W !?3,$$PTINFO^PSOREJU2(RX)  W !?3,"Rx/Drug : ",$$GET1^DIQ(52,RX,.01),"/",RFL," - ",$E($$GET1^DIQ(52,RX,6),1,20),?54  W:'$G(PSONBILL)&('$G(PSONPROG)) "ECME#: ",$P($$CLAIM^BPSBUTL(RX,RFL),U,6)  D TYPE G DISP2:$G(PSONBILL)!($G(PSONPROG))  I $G(DATA(REJ,"PAYER MESSAGE"))'="" W !?3,"Payer Message: " D PRT^PSOREJU2("PAYER MESSAGE",18,58)  I $G(DATA(REJ,"DUR TEXT"))'="" W !?3,"DUR Text : ",DATA(REJ,"DUR TEXT")  W !?3,"Insurance : ",DATA(REJ,"INSURANCE NAME"),?50,"Contact: ",DATA(REJ,"PLAN CONTACT")  W !?3,"Group Name : ",DATA(REJ,"GROUP NAME"),?45,"Group Number: ",DATA(REJ,"GROUP NUMBER")  I $G(DATA(REJ,"CARDHOLDER ID"))'="" W !?3,"Cardholder ID: ",DATA(REJ,"CARDHOLDER ID")  I DATA(REJ,"PLAN PREVIOUS FILL DATE")'="" D  . W !?3,"Last Fill Dt.: ",DATA(REJ,"PLAN PREVIOUS FILL DATE")  . W:DATA(REJ,"PLAN PREVIOUS FILL DATE")'="" " (from payer)"  I $G(RRR) D ;added with PSO\*421  . W !!?3,"Reject Resolution Required"  . W !?3,"Gross Amount Due ($"\_$J($P(RRR,U,3)\*100\1/100,0,2)\_") is greater than or equal to"  . W !?3,"Threshold Dollar Amount ($"\_$P(RRR,U,2)\_")"  . W !?3,"Please select Quit to resolve this reject on the Reject Worklist."  DISP2 ;  W !?3,LINE,$C(7) I $G(KEY) W !?3,"Press <RETURN> to continue..." R %:DTIME W !  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSOREJU3 ;BIRM/LJE - BPS (ECME) - Clinical Rejects Utilities (3) ;04/25/08  ;;7.0;OUTPATIENT PHARMACY;\*\*287,290,358,359,385,421,427,448,478,482\*\*;DEC 1997;Build 25 .  .  .  DISPLAY(RX,REJ,KEY,RRR) ; - Displays REJECT information  ; Input: (r) RX - Rx IEN (#52)  ; (r) REJ - REJECT ID (IEN)  ; (o) KEY - Display "Press any KEY to continue..." (1-YES/0-NO) (Default: 0)  ; (o) RRR - Reject Resolution Required information Flag(0/1)^Threshold Amt^Gross Amt Due (Default: 0)  ; If Flag = 0, there is no Reject Resolution Required reject code. Parameter added with PSO\*421  ;  Q:$G(NFROM)  I '$G(RX)!'$G(REJ) Q  I '$D(^PSRX(RX,"REJ",REJ))&('$G(PSONBILL))&('$G(PSONPROG)) Q  ;  N DATA,RFL,LINE,%  S RFL=+$$GET1^DIQ(52.25,REJ\_","\_RX,5)  I '$G(PSONBILL)&('$G(PSONPROG)) D GET^PSOREJU2(RX,RFL,.DATA,REJ) I '$D(DATA(REJ)) Q  ;  D HDR  S $P(LINE,"-",74)="" W !?3,LINE  W !?3,$$DVINFO^PSOREJU2(RX,RFL)  W !?3,$$PTINFO^PSOREJU2(RX)  W !?3,"Rx/Drug : ",$$GET1^DIQ(52,RX,.01),"/",RFL," - ",$E($$GET1^DIQ(52,RX,6),1,20),?54  W:'$G(PSONBILL)&('$G(PSONPROG)) "ECME#: ",$P($$CLAIM^BPSBUTL(RX,RFL),U,6)  D TYPE G DISP2:$G(PSONBILL)!($G(PSONPROG))  I $G(DATA(REJ,"PAYER MESSAGE"))'="" W !?3,"Payer Message: " D PRT^PSOREJU2("PAYER MESSAGE",18,58)  I $G(DATA(REJ,"DUR TEXT"))'="" W !?3,"DUR Text : ",DATA(REJ,"DUR TEXT")  W !?3,"Insurance : ",DATA(REJ,"INSURANCE NAME"),?50,"Contact: ",DATA(REJ,"PLAN CONTACT")    W !?3,"Group Name : ",$E(DATA(REJ,"GROUP NAME"),1,26)  W ?45,"Group Number: ",$E(DATA(REJ,"GROUP NUMBER"),1,15)  I $G(DATA(REJ,"CARDHOLDER ID"))'="" W !?3,"Cardholder ID: ",$E(DATA(REJ,"CARDHOLDER ID"),1,20)  I DATA(REJ,"PLAN PREVIOUS FILL DATE")'="" D  . W !?3,"Last Fill Dt.: ",DATA(REJ,"PLAN PREVIOUS FILL DATE")  . W:DATA(REJ,"PLAN PREVIOUS FILL DATE")'="" " (from payer)"  I $G(RRR) D ;added with PSO\*421  . W !!?3,"Reject Resolution Required"  . W !?3,"Gross Amount Due ($"\_$J($P(RRR,U,3)\*100\1/100,0,2)\_") is greater than or equal to"  . W !?3,"Threshold Dollar Amount ($"\_$P(RRR,U,2)\_")"  . W !?3,"Please select Quit to resolve this reject on the Reject Worklist."  DISP2 ;  W !?3,LINE,$C(7) I $G(KEY) W !?3,"Press <RETURN> to continue..." R %:DTIME W !  Q | | | | | | | | |

The Match Multiple Group Plans Option [IBCNR GROUP PLAN MATCH] screen will be updated, truncating the Group Name and Group Number; the other data displayed on that line was moved accordingly. The IBCNR GROUP PLAN MATCH entry in LIST TEMPLATE file #409.61 sub-file CAPTION LINE COLUMNS #409.621 will need to be modified based on limited screen availability, the users have chosen to include the following fields, truncated to the following lengths.

|  |  |  |
| --- | --- | --- |
| **Fields** | **Current Value** | **Modified Value** |
| **Item Name: GNAME** |  |  |
| **#.03 – WIDTH** | **15** | **20** |
| **Item Name: GNUM** |  |  |
| **#.02- COLUMN** | **22** | **28** |
| **#.03 – WIDTH** | **17** | **15** |
| **Item Name: GTYP** |  |  |
| **#.02- COLUMN** | **40** | **48** |
| **Item Name: PHRM** |  |  |
| **#.02- COLUMN** | **57** | **65** |
| **#.03 – WIDTH** | **25** | **15** |

The Match Group Plan to a Pharmacy Option [IBCNR PLAN MATCH] screen will need to be updated, truncating the Group Name and Group Number; the other data displayed on that line was moved accordingly. The IBCNR PLAN MATCH entry in LIST TEMPLATE file #409.61 sub-file CAPTION LINE COLUMNS #409.621 will need to be modified based on limited screen availability, the users have chosen to include the following fields, truncated to the following lengths.

|  |  |  |
| --- | --- | --- |
| **Fields** | **Current Value** | **Modified Value** |
| **Item Name: GNAME** |  |  |
| **#.03 – WIDTH** | **15** | **20** |
| **Item Name: GNUM** |  |  |
| **#.02- COLUMN** | **22** | **28** |
| **#.03 – WIDTH** | **17** | **15** |
| **Item Name: TYPE** |  |  |
| **#.02- COLUMN** | **42** | **46** |
| **Item Name: PHARM** |  |  |
| **#.02- COLUMN** | **57** | **61** |
| **Item Name: COV** |  |  |
| **#.02- COLUMN** | **72** | **75** |

The Third Party Payer Rejects – View/Process [PSO REJECTS VIEW/PROCESS] and the Third Party Payer Rejects – Worklist [PSO REJECTS WORKLIST] Screens will be updated, truncating the Group Number and Cardholder ID in the routine PSOREJP1.

| Subroutine Name | **INS^PSOREJP1** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US19 | | | | | | | |
| Related Menu Options or ListMan Actions | PSO REJECTS VIEW/PROCESS, PSO REJECTS WORKLIST | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| Third Party Payer Rejects – View/Process,  Third Party Payer Reject - Worklist | | | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PSOREJP1 ;BIRM/MFR - Third Party Reject Display Screen ;04/29/05  ;;7.0;OUTPATIENT PHARMACY;\*\*148,247,260,281,287,289,290,358,359,385,403,421,427,448\*\*;DEC 1997;Build 25 .  .  .  INS ; - Insurance Information  D SETLN()  D SETLN("INSURANCE Information",1,1)  N PSOINS,PSOINS1,I  S PSOINS=$G(DATA(REJ,"INSURANCE NAME"))  F I=1:1:(50-($L(PSOINS)+18)) S PSOINS=PSOINS\_" "  S PSOINS1=$G(DATA(REJ,"COB"))  I PSOINS1="SECONDARY" S PSOINS=PSOINS\_"Coord. Of Benefits: "\_PSOINS1  D SETLN("Insurance : "\_PSOINS,,,18)  D SETLN("Contact : "\_$G(DATA(REJ,"PLAN CONTACT")),,,18)  D SETLN("BIN : "\_$G(DATA(REJ,"BIN")),,,18)  D SETLN("Group Number : "\_$G(DATA(REJ,"GROUP NUMBER")),,,18)  D SETLN("Cardholder ID : "\_$G(DATA(REJ,"CARDHOLDER ID")),,1,18)  Q  ; | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSOREJP1 ;BIRM/MFR - Third Party Reject Display Screen ;04/29/05  ;;7.0;OUTPATIENT PHARMACY;\*\*148,247,260,281,287,289,290,358,359,385,403,421,427,448,482\*\*;DEC 1997;Build 25 .  .  .  INS ; - Insurance Information  D SETLN()  D SETLN("INSURANCE Information",1,1)  N PSOINS,PSOINS1,I  S PSOINS=$G(DATA(REJ,"INSURANCE NAME"))  F I=1:1:(50-($L(PSOINS)+18)) S PSOINS=PSOINS\_" "  S PSOINS1=$G(DATA(REJ,"COB"))  I PSOINS1="SECONDARY" S PSOINS=PSOINS\_"Coord. Of Benefits: "\_PSOINS1  D SETLN("Insurance : "\_PSOINS,,,18)  D SETLN("Contact : "\_$G(DATA(REJ,"PLAN CONTACT")),,,18)  D SETLN("BIN : "\_$G(DATA(REJ,"BIN")),,,18)    D SETLN("Group Number : "\_$E($G(DATA(REJ,"GROUP NUMBER")),1,15),,,18)  D SETLN("Cardholder ID : "\_$E($G(DATA(REJ,"CARDHOLDER ID")),1,20),,1,18)  Q  ; | | | | | | | | |

There are several reports that need to be updated in order for the fields displayed match the NCPDP Telecommunications standard field sizes as close as possible based on limited screen availability.

The updates to the following reports are described below:

* Group Plan Worksheet Report [IBCNR GROUP PLAN WORKSHEET]
* Rejected Claims Report [BPS RPT REJECTION]
* Closed Claims Report [BPS RPT CLOSED CLAIMS]
* Payable Claims Report [BPS RPT PAYABLE]
* Reversal Claims Report [BPS RPT REVERSAL]
* Claims Submitted, Not Yet Released [BPS RPT NOT RELEASED]
* Recent Transactions [BPS RPT RECENT TRANSACTIONS]
* ECME Claims-Response Inquiry [BPS RPT CLAIMS RESPONSE]

# The updates for truncating the Group Name and Group Number on the Group Plan Worksheet Report [IBCNR GROUP PLAN WORKSHEET] were made in IBCNRRP3.

| Subroutine Name | **DISP^IBCNRRP3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US19 | | | | | | | |
| Related Menu Options or ListMan Actions | IBCNR GROUP PLAN WORKSHEET | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| PRINT^IBCNRRP3 | | | $$FO^IBCNEUT1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| IBCNRRP3 ;BHAM ISC/CMW - GROUP PLAN WORKSHEET REPORT PRINT ;03-MAR-2004  ;;2.0;INTEGRATED BILLING;\*\*251,276,516,550\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  .  .  .  DISP ;set up display data  N CNT,DISP1,DISP2,DISP3,DISP4,DISP5,DISPD,DASHES2  N IBCNADR,IBCIN11,IBCINST,I  S DISP1="",CNT=0,$P(DASHES2,"-",80)=""  F S DISP1=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1)) Q:DISP1="" D  . S DISP2=""  . F S DISP2=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2)) Q:DISP2="" D  .. S DISP3=0  .. F S DISP3=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2,DISP3)) Q:DISP3="" D  ... S DISP4=""  ... F S DISP4=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2,DISP3,DISP4)) Q:DISP4="" D  .... S DISP5=0  .... F S DISP5=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2,DISP3,DISP4,DISP5)) Q:DISP5="" D  ..... S DISPD=$G(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2,DISP3,DISP4,DISP5))  ..... ;get insurance addr  ..... S IBCIN11=$G(^DIC(36,DISP3,.11))  ..... S IBCINST=$S($P(IBCIN11,U,5)="":"--",1:$P($G(^DIC(5,$P(IBCIN11,U,5),0)),U,2))  ..... S IBCNADR=$E($P(IBCIN11,U),1,15)\_","\_$E($P(IBCIN11,U,4),1,10)\_","\_IBCINST\_" "\_$E($P(IBCIN11,U,6),1,5)  ..... S CNT=CNT+1  ..... ;insurance co and group/plan  ..... S ^TMP("IBCNR",$J,"DSPDATA",CNT)=$$FO^IBCNEUT1(DISP2,40)\_$$FO^IBCNEUT1(IBCNADR,35,"L")  ..... ;bin; pcn; and pharmacy plan ID  ..... S CNT=CNT+1  ..... S ^TMP("IBCNR",$J,"DSPDATA",CNT)=$$FO^IBCNEUT1(DISP4\_"/"\_$P(DISPD,U),35,"L")\_$$FO^  IBCNEUT1(" "\_$P(DISPD,U,2),24,"L")\_$$FO^IBCNEUT1(" "\_$P(DISPD,U,3),10,"L")\_$$FO^IBCNEUT1  ($P(DISPD,U,4),10,"L")  ..... S I=$$FO^IBCNEUT1("",60)\_$$FO^IBCNEUT1($P(DISPD,U,5),10,"L")\_$$FO^IBCNEUT1  ($P(DISPD,U,6),10,"L")  ..... I $TR(I," ")'="" S CNT=CNT+1,^TMP("IBCNR",$J,"DSPDATA",CNT)=I  ..... S CNT=CNT+1  ..... S ^TMP("IBCNR",$J,"DSPDATA",CNT)=$$FO^IBCNEUT1(DASHES2,79,"L")  ;  DATAX ; DATA exit pt  K RPTDATA  Q  ; | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IBCNRRP3 ;BHAM ISC/CMW - GROUP PLAN WORKSHEET REPORT PRINT ;03-MAR-2004  ;;2.0;INTEGRATED BILLING;\*\*251,276,516,550,591\*\*;21-MAR-94;Build 25  ;;Per VA Directive 6402, this routine should not be modified.  .  .  .  DISP ;set up display data  N CNT,DISP1,DISP2,DISP3,DISP4,DISP5,DISPD,DASHES2  N IBCNADR,IBCIN11,IBCINST,I  S DISP1="",CNT=0,$P(DASHES2,"-",80)=""  F S DISP1=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1)) Q:DISP1="" D  . S DISP2=""  . F S DISP2=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2)) Q:DISP2="" D  .. S DISP3=0  .. F S DISP3=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2,DISP3)) Q:DISP3="" D  ... S DISP4=""  ... F S DISP4=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2,DISP3,DISP4)) Q:DISP4="" D  .... S DISP5=0  .... F S DISP5=$O(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2,DISP3,DISP4,DISP5)) Q:DISP5="" D  ..... S DISPD=$G(^TMP("IBCNR",$J,"RPTDATA",DISP1,DISP2,DISP3,DISP4,DISP5))  ..... ;get insurance addr  ..... S IBCIN11=$G(^DIC(36,DISP3,.11))  ..... S IBCINST=$S($P(IBCIN11,U,5)="":"--",1:$P($G(^DIC(5,$P(IBCIN11,U,5),0)),U,2))  ..... S IBCNADR=$E($P(IBCIN11,U),1,15)\_","\_$E($P(IBCIN11,U,4),1,10)\_","\_IBCINST\_" "\_$E($P(IBCIN11,U,6),1,5)  ..... S CNT=CNT+1  ..... ;insurance co and group/plan  ..... S ^TMP("IBCNR",$J,"DSPDATA",CNT)=$$FO^IBCNEUT1(DISP2,40)\_$$FO^IBCNEUT1(IBCNADR,35,"L")  ..... ;bin; pcn; and pharmacy plan ID  ..... S CNT=CNT+1   ..... S ^TMP("IBCNR",$J,"DSPDATA",CNT)= $$FO^IBCNEUT1(($E(DISP4,1,24)\_"/"\_$E($P(DISPD,U),1,15)),42,"L")\_$$FO^IBCNEUT1($P(DISPD,U,2),18,"L")\_$$FO^IBCNEUT1($P(DISPD,U,3),9,"L")\_$$FO^IBCNEUT1($P(DISPD,U,4),10,"L")  ..... S I=$$FO^IBCNEUT1("",60)\_$$FO^IBCNEUT1($P(DISPD,U,5),10,"L")\_$$FO^IBCNEUT1  ($P(DISPD,U,6),10,"L")  ..... I $TR(I," ")'="" S CNT=CNT+1,^TMP("IBCNR",$J,"DSPDATA",CNT)=I  ..... S CNT=CNT+1  ..... S ^TMP("IBCNR",$J,"DSPDATA",CNT)=$$FO^IBCNEUT1(DASHES2,79,"L")  ;  DATAX ; DATA exit pt  K RPTDATA  Q  ; | | | | | | | | |

For the other reports mentioned above, changes will be made to the headings and to the data displayed. The updates to the headings will be done in HEADLN1 and HEADLN2 of the BPSRPT4 routine.

| Subroutine Name | **HEADLN1^BPSRPT4** | | | | |
| --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | No Change |
| Story | US19 | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | |
| Related Routines | This Subroutine is Called By | | This Subroutine Calls | | |
| HDR^BPSPRT7 | | n/a | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: Report Type  New  Modify  Delete  No Change | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | |
| Current Logic | | | | | |
| BPSRPT4 ;BHAM ISC/BEE - ECME REPORTS (CONT) ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,5,7,8,10,11,19\*\*;JUN 2004;Build 18  ;;Per VA Directive 6402, this routine should not be modified.  .  .  .  HEADLN1(BPRTYPE) ;  I (",1,2,3,4,5,7,8,9,")[BPRTYPE W !,"PATIENT NAME",?27,"Pt.ID"  I (BPRTYPE=1)!(BPRTYPE=4) D Q  . W ?35,"ELIG"  . W ?40,"RX#"  . W ?52,"REF/ECME#"  . W ?73,"DATE"  . W ?83,$J("$BILLED",10)  . W ?102,$J("$INS RESPONSE",13)  . W ?122,$J("$COLLECT",10)  ;  I BPRTYPE=2 D Q  . W ?35,"ELIG"  . W ?40,"RX#"  . W ?52,"REF/ECME#"  . W ?73,"DATE"  . W ?83,"RELEASED ON"  . W ?96,"RX INFO"  . W ?114,"RX COB"  . W ?121,"OPEN/CLOSED"  ;  I BPRTYPE=3 D Q  . W ?35,"RX#"  . W ?47,"REF/ECME#"  . W ?68,"DATE"  . W ?100,$J("$BILLED",10)  . W ?119,$J("$INS RESPONSE",13)  ;  I BPRTYPE=5 D Q  . W ?35,"RX#"  . W ?47,"REF/ECME#"  . W ?65,"COMPLETED"  . W ?83,"TRANS TYPE"  . W ?100,"PAYER RESPONSE"  . W ?125,"RX COB"  ;  I BPRTYPE=6 D Q  . W !,?33,$J("AMOUNT",17)  . W ?51,$J("RETURNED",17)  . W ?69,$J("RETURNED",17)  . W ?87,$J("AMOUNT",17)  ;  I BPRTYPE=7 D Q  . W ?35,"ELIG"  . W ?40,"RX#"  . W ?52,"REF/ECME#"  . W ?70,"RX INFO"  . W ?92,"DRUG"  . W ?126,"NDC"  ;  I (BPRTYPE=8) D Q  . W ?35,"RX#"  . W ?47,"REF/ECME#"  . W ?68,"DATE"  . W ?78,$J("$BILLED",10)  . W ?97,$J("$INS RESPONSE",13)  . W ?122,$J("$COLLECT",10)  ;  I BPRTYPE=9 D Q  . W ?35,"ELIG"  . W ?40,"RX#"  . W ?52,"REF"  . W ?64,"DATE"  . W ?84,$J("$DRUG COST",10)  Q | | | | | |
| Modified Logic (Changes are highlighted) | | | | | |
| BPSRPT4 ;BHAM ISC/BEE - ECME REPORTS (CONT) ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,5,7,8,10,11,19,23\*\*;JUN 2004;Build 18  ;;Per VA Directive 6402, this routine should not be modified.  .  .  .  HEADLN1(BPRTYPE) ;  I (",1,2,3,4,5,7,8,9,")[BPRTYPE W !,"PATIENT NAME",?27,"Pt.ID"  I (BPRTYPE=1)!(BPRTYPE=4) D Q  . W ?35,"ELIG"  . W ?40,"RX#"  . W ?52,"REF/ECME#"  . W ?73,"DATE"  . W ?83,$J("$BILLED",10)  . W ?102,$J("$INS RESPONSE",13)  . W ?122,$J("$COLLECT",10)  ;  I BPRTYPE=2 D Q  . W ?35,"ELIG"  . W ?40,"RX#"  . W ?52,"REF/ECME#"  . W ?73,"DATE"  . W ?83,"RELEASED ON"  . W ?96,"RX INFO"  . W ?114,"COB"  . W ?121,"OPEN/CLOSED"  ;  I BPRTYPE=3 D Q  . W ?35,"RX#"  . W ?47,"REF/ECME#"  . W ?68,"DATE"  . W ?100,$J("$BILLED",10)  . W ?119,$J("$INS RESPONSE",13)  ;  I BPRTYPE=5 D Q  . W ?35,"RX#"  . W ?47,"REF/ECME#"  . W ?65,"COMPLETED"  . W ?83,"TRANS TYPE"  . W ?100,"PAYER RESPONSE"  . W ?125,"COB"  ;  I BPRTYPE=6 D Q  . W !,?33,$J("AMOUNT",17)  . W ?51,$J("RETURNED",17)  . W ?69,$J("RETURNED",17)  . W ?87,$J("AMOUNT",17)  ;  I BPRTYPE=7 D Q  . W ?35,"ELIG"  . W ?40,"RX#"  . W ?52,"REF/ECME#"  . W ?70,"RX INFO"  . W ?86,"DRUG"  . W ?118,"NDC"  ;  I (BPRTYPE=8) D Q  . W ?35,"RX#"  . W ?47,"REF/ECME#"  . W ?68,"DATE"  . W ?78,$J("$BILLED",10)  . W ?97,$J("$INS RESPONSE",13)  . W ?122,$J("$COLLECT",10)  ;  I BPRTYPE=9 D Q  . W ?35,"ELIG"  . W ?40,"RX#"  . W ?52,"REF"  . W ?64,"DATE"  . W ?84,$J("$DRUG COST",10)  Q | | | | | |

| Subroutine Name | **HEADLN2^BPSRPT4** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US19 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| HDR^BPSRPT7 | | | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: Report Type  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| HEADLN2(BPRTYPE) ;  I (BPRTYPE=1)!(BPRTYPE=4) D Q  . W !,?4,"DRUG"  . W ?36,"NDC"  . I BPRTYPE=1 W ?47,"RELEASED ON"  . W ?68,"RX INFO"  . I BPRTYPE=4 W ?92,"RX COB"  . I BPRTYPE=1 W ?115,$J("BILL# RX COB",17)  ;  I BPRTYPE=2 D Q  . W !,?3,"CARDHOLD.ID"  . W ?31,"GROUP ID"  . W ?41,$J("$BILLED",10)  . W ?54,"QTY"  . W ?61,"NDC#"  . W ?82,"DRUG"  ;  I BPRTYPE=3 D Q  . W !,?4,"DRUG"  . W ?43,"NDC"  . W ?68,"RX INFO"  . W ?88,"RX COB"  ;  I BPRTYPE=5 D Q  . W !,?4,"DRUG"  . W ?32,"NDC"  . W ?47,"RX INFO"  . W ?69,"INSURANCE"  . W ?112,"ELAP TIME IN SECONDS"  ;  I BPRTYPE=6 D Q  .W !,?1,"DATE"  .W ?15,$J("#CLAIMS",17)  .W ?33,$J("SUBMITTED",17)  .W ?51,$J("REJECTED",17)  .W ?69,$J("PAYABLE",17)  .W ?87,$J("TO RECEIVE",17)  .W ?115,$J("DIFFERENCE",17)  ;  I BPRTYPE=7 D Q  . W !,?3,"CARDHOLD.ID"  . W ?31,"GROUP ID"  . W ?41,"CLOSE DATE/TIME"  . W ?59,"CLOSED BY"  . W ?87,"CLOSE REASON"  . W ?121,"RX COB"  ;  I BPRTYPE=8 D Q  . W !,?2,"DRUG"  . W ?38,"RX INFO"  . W ?54,"INS GROUP#"  . W ?79,"INS GROUP NAME"  . W ?121,"BILL#"  ;  I BPRTYPE=9 D Q  . W !,?4,"DRUG"  . W ?36,"NDC"  . W ?47,"RELEASED ON"  . W ?62,"RX INFO"  . W ?75,"NON-BILLABLE STATUS"  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| HEADLN2(BPRTYPE) ;  I (BPRTYPE=1)!(BPRTYPE=4) D Q  . W !,?4,"DRUG"  . W ?36,"NDC"  . I BPRTYPE=1 W ?47,"RELEASED ON"  . W ?68,"RX INFO"  . I BPRTYPE=4 W ?92,"COB"  . I BPRTYPE=1 W ?115,$J("BILL# COB",17)  ;  I BPRTYPE=2 D Q  . W !,?3,"CARDHOLD.ID"  . W ?26,"GROUP ID"  . W ?41,$J("$BILLED",10)  . W ?54,"QTY"  . W ?61,"NDC#"  . W ?82,"DRUG"  ;  I BPRTYPE=3 D Q  . W !,?4,"DRUG"  . W ?43,"NDC"  . W ?68,"RX INFO"  . W ?88,"COB"  ;  I BPRTYPE=5 D Q  . W !,?4,"DRUG"  . W ?32,"NDC"  . W ?47,"RX INFO"  . W ?69,"INSURANCE"  . W ?112,"ELAP TIME IN SECONDS"  ;  I BPRTYPE=6 D Q  .W !,?1,"DATE"  .W ?15,$J("#CLAIMS",17)  .W ?33,$J("SUBMITTED",17)  .W ?51,$J("REJECTED",17)  .W ?69,$J("PAYABLE",17)  .W ?87,$J("TO RECEIVE",17)  .W ?115,$J("DIFFERENCE",17)  ;  I BPRTYPE=7 D Q  . W !,?3,"CARDHOLD.ID"  . W ?28,"GROUP ID"  . W ?46,"CLOSE DATE/TIME"  . W ?65,"CLOSED BY"  . W ?93,"CLOSE REASON"  . W ?128,"COB"  ;  I BPRTYPE=8 D Q  . W !,?2,"DRUG"  . W ?38,"RX INFO"  . W ?54,"INS GROUP#"  . W ?72,"INS GROUP NAME"  . W ?125,"BILL#"  ;  I BPRTYPE=9 D Q  . W !,?4,"DRUG"  . W ?36,"NDC"  . W ?47,"RELEASED ON"  . W ?62,"RX INFO"  . W ?75,"NON-BILLABLE STATUS"  Q | | | | | | | | |

The changes to the data will be done in WRLINE1 of the BPSRPT5 routine.

| Subroutine Name | **WRLINE2^BPSRPT5** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US19 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| REPORT^BPSRPT5 | | | WRLINE1^BPSRPT8,  $$PATNAM^BPSRPT6,  $$SSN4^BPSRPT6,  $$ELIGCODE^BPSSCR05,  $$RXNUM^BPSRPT6,  $$COPAY^BPSRPT6,  $$ECMENUM^BPSRPT1,  $$DATTIM^BPSRPT1,  $$MWC^BPSRPT6,  $$RTBCKNAM^BPSRPT1,  $$RXSTATUS^BPSRPT6,  $$RXCOB^BPSRPT8,  $$CLOSED02^BPSSCR03,  $$TRANDT^BPSRPT2,  $$TTYPE^BPSRPT7,  $$RESPONSE^BPSRPT7,  $$DRGNAM^BPSRPT6,  $$GETNCD^BPSRPT6 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: Report Type  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Print Report Line 1 WRLINE1(BPRTYPE,BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPEXCEL,BPPSEQ) ;  ;Excel Output  I $G(BPEXCEL) D WRLINE1^BPSRPT8(BPRTYPE,.BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPPSEQ) Q  ;Report Output  W !,$$PATNAME^BPSRPT6(BPDFN)  W ?27,"("\_$$SSN4^BPSRPT6(BPDFN)\_")" .  .  .  I BPRTYPE=7 D  Q  . N ELGCD S ELGCD=$$ELIGCODE^BPSSCR05($P(BPX,U,3))  . W ?35,$S(ELGCD="V":"VET",ELGCD="T":"TRI",ELGCD="C":"CVA",1:"UNK")  . W ?40,$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)  . W ?52,BPREF,"/",$$ECMENUM^BPSRPT1($P(BPX,U,3))  . W ?70,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?73,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?77,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?79,$S($P(BPX,U):"/R",1:"/N")  . W ?84,$S($P(BPX,U,13):"REJ",1:"")  . W ?92,$$DRGNAM^BPSRPT6($P(BPX,U,14),30)  . W ?123,$$GETNDC^BPSRPT6(BPRX,BPREF)  I BPRTYPE=8 D  . W ?35,$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)  . W ?47,BPREF,"/",$$ECMENUM^BPSRPT1($P(BPX,U,3))  . W ?68,$$DATTIM^BPSRPT1(BPSRTDT)  . W ?78,$J(BPBIL,10,2),?100,$J(BPINS,10,2),?122,$S(BPCOLL]"":$J(BPCOLL,10,2),1:"")  I BPRTYPE=9 D  Q  . N ELGCD S ELGCD=$P(BPX,U,1)  . W ?35,$S(ELGCD="V":"VET",ELGCD="T":"TRI",ELGCD="C":"CVA",1:"UNK") ; Eligibility  . W ?40,$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX) ; RX and Copay indicator  . W ?52,BPREF                     ; Refill  . W ?64,$$DATTIM^BPSRPT1(BPSRTDT) ; Transaction Date  . W ?84,$J($P(BPX,U,2),10,2) ; Drug Cost  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Print Report Line 1 WRLINE1(BPRTYPE,BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPEXCEL,BPPSEQ) ;  ;Excel Output  I $G(BPEXCEL) D WRLINE1^BPSRPT8(BPRTYPE,.BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPPSEQ) Q  ;Report Output  W !,$$PATNAME^BPSRPT6(BPDFN)  W ?27,"("\_$$SSN4^BPSRPT6(BPDFN)\_")" .  .  .  I BPRTYPE=7 D  Q  . N ELGCD S ELGCD=$$ELIGCODE^BPSSCR05($P(BPX,U,3))  . W ?35,$S(ELGCD="V":"VET",ELGCD="T":"TRI",ELGCD="C":"CVA",1:"UNK")  . W ?40,$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)  . W ?52,BPREF,"/",$$ECMENUM^BPSRPT1($P(BPX,U,3))  . W ?70,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?73,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?77,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?79,$S($P(BPX,U):"/R",1:"/N")  . W ?84,$S($P(BPX,U,13):"REJ",1:"")  . W ?86,$$DRGNAM^BPSRPT6($P(BPX,U,14),30)  . W ?118,$$GETNDC^BPSRPT6(BPRX,BPREF)  I BPRTYPE=8 D  . W ?35,$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)  . W ?47,BPREF,"/",$$ECMENUM^BPSRPT1($P(BPX,U,3))  . W ?68,$$DATTIM^BPSRPT1(BPSRTDT)  . W ?78,$J(BPBIL,10,2),?100,$J(BPINS,10,2),?122,$S(BPCOLL]"":$J(BPCOLL,10,2),1:"")  I BPRTYPE=9 D  Q  . N ELGCD S ELGCD=$P(BPX,U,1)  . W ?35,$S(ELGCD="V":"VET",ELGCD="T":"TRI",ELGCD="C":"CVA",1:"UNK") ; Eligibility  . W ?40,$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX) ; RX and Copay indicator  . W ?52,BPREF                     ; Refill  . W ?64,$$DATTIM^BPSRPT1(BPSRTDT) ; Transaction Date  . W ?84,$J($P(BPX,U,2),10,2) ; Drug Cost  Q | | | | | | | | |

The changes to the data will be done in WRLINE2 of the BPSRPT5 routine.

| Subroutine Name | **WRLINE2^BPSRPT5** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US19 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| REPORT^BPSRPT5 | | | WRLINE2^BPSRPT8,  $$DRGNAM^BPSRPT6,  $$GETNDC^BPSRPT6,  $$DATTIM^BPSRPT1,  $$MWC^BPSRPT,  $$RTBCKNAM^BPSRPT1,  $$RTBCK^BPSRPT1,  $$RXSTATUS^BPSRPT6,  $$RXCOB^BPSRPT8,  $$CRDHLDID^BPSRPT2,  $$GRPID^BPSRPT2,  $$QTY^BPSRPT6,  $$ELAPSE^BPSPT6,  $$DATTIM^BPSRPT1,  $$CLOSEDT^BPSRPT2,  $$CLSBY^BPSRPT6,  $$CLRSN^BPSRPT7,  $$BILL^BPSRPT6,  $$RXSTANAM^BPSSCRU2,  $$GET1^DIQ | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: Report Type  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name:  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| BPSRPT5 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,3,5,7,8,10,11,19\*\*;JUN 2004;Build 18  ;;Per VA Directive 6402, this routine should not be modified.  .  .  .  ;Print Report Line 2  WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPEXCEL,BPICNT,BPPSEQ) ;  ;Excel Output  I $G(BPEXCEL) D WRLINE2^BPSRPT8(BPRTYPE,.BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPPSEQ) Q  ;Report Output  I (BPRTYPE=1)!(BPRTYPE=4) D Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,14),27),?32,$$GETNDC^BPSRPT6(BPRX,BPREF)  . I BPRTYPE=1 W ?47,$$DATTIM^BPSRPT1(+BPX)  . W ?68,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?71,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?75,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?77,$S($P(BPX,U):"/R",1:"/N")  . W ?82,$S($P(BPX,U,13):"REJ",1:"")  . I BPRTYPE=4 W ?92,$$RXCOB^BPSRPT8(BPPSEQ)  . I BPRTYPE=1 W ?115,$$BILLCOB(BPRX,BPREF,BPPSEQ)  I BPRTYPE=2 D Q  . W !,?3,$E($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)  . W ?31,$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)  . W ?41,$J(BPBIL,10,2)  . W ?54,$$QTY^BPSRPT6($P(BPX,U,3))  . W ?61,$$GETNDC^BPSRPT6(BPRX,BPREF)  . W ?82,$$DRGNAM^BPSRPT6($P(BPX,U,14),32)  I BPRTYPE=3 D Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,14),32)  . W ?41,$$GETNDC^BPSRPT6(BPRX,BPREF)  . W ?68,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?71,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?74,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?76,$S($P(BPX,U):"/R",1:"/N")  . W ?81,$S($P(BPX,U,13):"REJ",1:"")  . W ?88,$$RXCOB^BPSRPT8(BPPSEQ)  I BPRTYPE=5 D Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,14),23)  . W ?28,$$GETNDC^BPSRPT6(BPRX,BPREF)  . W ?47,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?50,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?53,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?55,$S($P(BPX,U):"/R",1:"/N")  . W ?60,$S($P(BPX,U,13):"REJ",1:"")  . I $P(BPGRPLAN,U,2)]"" W ?69,$E($P(BPGRPLAN,U,2),1,30)  . W ?122,$J($$ELAPSE^BPSRPT6($P(BPX,U,3)),10)  I BPRTYPE=7 D Q  . W !,?3,$E($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)  . W ?31,$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)  . W ?41,$$DATTIM^BPSRPT1(+$$CLOSEDT^BPSRPT2(+$P(BPX,U,3)))  . N BPCLBY S BPCLBY=$E($$CLSBY^BPSRPT6(+$P(BPX,U,3)),1,25) S:BPCLBY="" BPCLBY="BLANK"  . W ?59,BPCLBY SBPCNT(BPCLBY)=$G(BPCNT(BPCLBY))+1,BPGCNT(BPCLBY)=$G(BPGCNT(BPCLBY))+1,  BPICNT(BPCLBY)=$G(BPICNT(BPCLBY))+1  . W ?87,$E($P($$CLRSN^BPSRPT7(+$P(BPX,U,3)),U,2),1,30)  . W ?121,$$RXCOB^BPSRPT8(BPPSEQ)  I BPRTYPE=8 D Q  . W !,?2,$$DRGNAM^BPSRPT6($P(BPX,U,14),34)  . W ?38,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?42,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?46,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?48,$S($P(BPX,U):"/R",1:"/N")  . W ?54,$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)  . W ?79,$E(BPGRPLAN,1,40)  . W ?121,$$BILL^BPSRPT6(BPRX,BPREF,BPPSEQ)  I BPRTYPE=9 D Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,4),27) ;Drug  . W ?32,$$GETNDC^BPSRPT6(BPRX,BPREF) ;NDC  . W ?47,$$DATTIM^BPSRPT1($P(BPX,U,5)) ;Release Date  . W ?62,$$MWC^BPSRPT6(BPRX,BPREF) ;Fill Location  . W ?65,$$RXSTANAM^BPSSCRU2($P(BPX,U,6)) ;Status  . W ?67,$S($P(BPX,U,5):"/R",1:"/N") ;Released  . W ?75,$E($$GET1^DIQ(366.17,$P(BPX,U,7),.01,"E"),1,57) ;Non-Billalble Reason - ICR 6136  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| BPSRPT5 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,3,5,7,8,10,11,19,23\*\*;JUN 2004;Build 18  ;;Per VA Directive 6402, this routine should not be modified.  .  .  .  ;Print Report Line 2  WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPEXCEL,BPICNT,BPPSEQ) ;  ;Excel Output  I $G(BPEXCEL) D WRLINE2^BPSRPT8(BPRTYPE,.BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPPSEQ) Q  ;Report Output  I (BPRTYPE=1)!(BPRTYPE=4) D Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,14),27),?32,$$GETNDC^BPSRPT6(BPRX,BPREF)  . I BPRTYPE=1 W ?47,$$DATTIM^BPSRPT1(+BPX)  . W ?68,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?71,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?75,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?77,$S($P(BPX,U):"/R",1:"/N")  . W ?82,$S($P(BPX,U,13):"REJ",1:"")  . I BPRTYPE=4 W ?92,$$RXCOB^BPSRPT8(BPPSEQ)  . I BPRTYPE=1 W ?115,$$BILLCOB(BPRX,BPREF,BPPSEQ)  I BPRTYPE=2 D Q  . W !,?3,$E($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)  . W ?26,$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,17)  . W ?41,$J(BPBIL,10,2)  . W ?54,$$QTY^BPSRPT6($P(BPX,U,3))  . W ?61,$$GETNDC^BPSRPT6(BPRX,BPREF)  . W ?82,$$DRGNAM^BPSRPT6($P(BPX,U,14),32)  I BPRTYPE=3 D Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,14),32)  . W ?41,$$GETNDC^BPSRPT6(BPRX,BPREF)  . W ?68,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?71,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?74,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?76,$S($P(BPX,U):"/R",1:"/N")  . W ?81,$S($P(BPX,U,13):"REJ",1:"")  . W ?88,$$RXCOB^BPSRPT8(BPPSEQ)  I BPRTYPE=5 D Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,14),23)  . W ?28,$$GETNDC^BPSRPT6(BPRX,BPREF)  . W ?47,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?50,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?53,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?55,$S($P(BPX,U):"/R",1:"/N")  . W ?60,$S($P(BPX,U,13):"REJ",1:"")  . I $P(BPGRPLAN,U,2)]"" W ?69,$E($P(BPGRPLAN,U,2),1,30)  . W ?122,$J($$ELAPSE^BPSRPT6($P(BPX,U,3)),10)  I BPRTYPE=7 D Q  . W !,?3,$E($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)  . W ?28,$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,17)  . W ?46,$$DATTIM^BPSRPT1(+$$CLOSEDT^BPSRPT2(+$P(BPX,U,3)))  . N BPCLBY S BPCLBY=$E($$CLSBY^BPSRPT6(+$P(BPX,U,3)),1,25) S:BPCLBY="" BPCLBY="BLANK"  . W ?65,BPCLBY S BPCNT(BPCLBY)=$G(BPCNT(BPCLBY))+1,BPGCNT(BPCLBY)=$G(BPGCNT(BPCLBY))+1,  BPICNT(BPCLBY)=$G(BPICNT(BPCLBY))+1  . W ?93,$E($P($$CLRSN^BPSRPT7(+$P(BPX,U,3)),U,2),1,30)  . W ?128,$$RXCOB^BPSRPT8(BPPSEQ)  I BPRTYPE=8 D Q  . W !,?2,$$DRGNAM^BPSRPT6($P(BPX,U,14),34)  . W ?38,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?42,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?46,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?48,$S($P(BPX,U):"/R",1:"/N")  . W ?54,$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)  . W ?72,$E(BPGRPLAN,1,50)  . W ?125,$$BILL^BPSRPT6(BPRX,BPREF,BPPSEQ)  I BPRTYPE=9 D Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,4),27) ;Drug  . W ?32,$$GETNDC^BPSRPT6(BPRX,BPREF) ;NDC  . W ?47,$$DATTIM^BPSRPT1($P(BPX,U,5)) ;Release Date  . W ?62,$$MWC^BPSRPT6(BPRX,BPREF) ;Fill Location  . W ?65,$$RXSTANAM^BPSSCRU2($P(BPX,U,6)) ;Status  . W ?67,$S($P(BPX,U,5):"/R",1:"/N") ;Released  . W ?75,$E($$GET1^DIQ(366.17,$P(BPX,U,7),.01,"E"),1,57) ;Non-Billalble Reason - ICR 6136  Q | | | | | | | | |

There are five fields in the IB NCPDP EVENT LOG file #366.14 INSURANCE sub-file #366.1412 that will need to be lengthened to be HIPAA compliant. We need to ensure that these fields will populate the correct information before and after the installation of patch IB\*2.0\*497.

|  |  |  |
| --- | --- | --- |
| **Fields** | **Current Values** | **Modified Values** |
| **#.06 – GROUP ID** | Maximum Length: 15 | Maximum Length: 55 |
| **#.07 – CARDHOLDER ID** | Maximum Length: 20 | Maximum Length: 80 |
| **#.101 – CARDHOLDER FIRST NAME** | Maximum Length: 25 | Maximum Length: 35 |
| **#.102 – CARDHOLDER LAST NAME** | Maximum Length: 35 | Maximum Length: 60 |
| **#.301 – GROUP NAME** | Maximum Length: 20 | Maximum Length: 80 |

# Back Out/Rollback Procedure

This story includes modifications to existing routines and files.

To back out this enhancement, all the routines which are a part of this patch should be backed up prior to installation. Reverting to the previous version of these routines would back out this enhancement. Alternatively, the previous version of these routines could be distributed via an emergency patch.

Rolling back the changes to the database would involve the following steps, which could be performed by a developer or IRM at each site or via an emergency patch:

* Modify entries in file# 409.61, LIST TEMPLATE:
  + IBCNR GROUP PLAN MATCH
    - Item Name: GNAME
      * Change the .03 field from 20 back to 15.
    - Item Name: GNUM
      * Change the .02 field from 28 back to 22.
      * Change the .03 field from 15 back to 17.
    - Item Name: GTYP
      * Change the .02 field from 48 back to 40.
    - Item Name: PHRM
      * Change the .02 field from 65 back to 57.
      * Change the .03 field from 15 back to 25.
  + IBCNR PLAN MATCH
    - Item Name: GNAME
      * Change the .03 field from 20 back to 15.
    - Item Name: GNUM
      * Change the .02 field from 28 back to 22.
      * Change the .03 field from 15 back to 17.
    - Item Name: TYPE
      * Change the .02 field from 46 back to 42.
    - Item Name: PHARM
      * Change the .02 field from 61 back to 57.
    - Item Name: COV
      * Change the .02 field from 75 back to 72.
      * Change the .03 field from 5 back to 8.
* Modify entries in file# 366.14, IB NCPDP EVENT LOG:
  + Change the .06 field from 55 back to 17.
  + Change the .07 field from 80 back to 20.
  + Change the .101 field from 35 back to 25.
  + Change the .102 field from 60 back to 35.
  + Change the .301 field from 80 back to 20.