**MCCF EDI TAS**

**US2601/US2603/US2604/US2607/US2608**

System Design Document



Department of Veterans Affairs

**March 2018**

Version 1.02

**User Story Number:**

**User Story Name:** Improve Existing Pharmacy Report: Payable Claims Report; Reversal Claims Report; Claims Submitted, Not Yet Released; Closed Claims Report; Non-Billable Status

**Product Backlog ID:**

**Priority:** 30.1/ 30.2/ 30.4/ 30.3/ 30.5

**Initial Sizing Estimate:**

**Rational ID:**

**Rally ID:** US2601/ US2603/ US2604/ US2607/ US2608

**Epic Taxonomy:** Update

# Design – Summary

The ePharmacy users need to be able to select one, multiple or all for each filter question when running the following reports:

* Payable Claims Report
* Reversal Claims Report
* Claims Submitted, Not Yet Released
* Closed Claims Report
* Non-Billable Status Report

Several new filters will be added which will result in additional data displaying on the headings and bodies of these reports.

List of Components:

* Routine: BPSRPT0
* Routine: BPSRPT1
* Routine: BPSRPT3
* Routine: BPSRPT3A
* Routine: BPSRPT4
* Routine: BPSRPT5
* Routine: BPSRPT7
* Routine: BPSRPT8
* Routine: BPSSCRCU
* Routine: IBNCPEV3

# Design – Detail

This user story pertains to the changes being made to the Payable Claims Report; Reversal Claims Report; Claims Submitted, Not Yet Released; Closed Claims and Non-Billable Status Report. The changes being made to these reports are as follows:

* allow the user to make multiple selections
* add new filter questions
* reword the Excel capture instructions
* modify report header
* modify excel header and report data

Throughout the ^BPSRPT\* routines, the variable BPRTYPE indicates which report the user is printing.

* 1 – Payable Claims Report
* 2 – Rejected Claims Report
* 3 – Claims Submitted, Not Yet Released
* 4 – Reversal Claims Report
* 5 – Recent Transactions
* 6 – Totals by Date
* 7 – Closed Claims Report
* 8 – Spending Account Report
* 9 – Non-Billable Status Report

The table below indicates which filter prompts are available for each report by BPRTYPE and whether the report allows the user to select only one or multiple responses.

|  |  |  |
| --- | --- | --- |
| **Filter Prompt** | **Single response** | **Multiple responses** |
| CMOP, Mail or Window | 5, 6, 8 | 1, 2, 3, 4, 7, 9 |
| Real Time Fills, Backbill, PRO Option or Resubmission | 5, 6, 8 | 1, 2, 3, 4, 7, 9 |
| Drug | 5, 6, 8 | 1, 2, 3, 4, 7, 9 |
| Drug Class | 5, 6, 8 | 1, 2, 3, 4, 7, 9 |
| Close Claim Reason | - | 7 |
| Eligibility | - | 1, 2, 3, 4, 7, 9 |
| Patient | - | 1, 2, 3, 4, 7, 9 |
| Billed Amount | - | 1, 2, 3, 4, 9 |

The changes to allow the user to make multiple selections and the new filter questions for the Payable Claims Report; Reversal Claims Report; Claims Submitted, Not Yet; and Closed Claims Report are described below.

If a user selects to enter a specific Division, Insurance, Drug, Drug Class or Patient and then hits enter without providing a selection they should be go back to the original prompt. BPSRPT0, BPSRPT3 and BPSRPT3A were modified to handle this functionality.

| Subroutine Name | **EN^BPSRPT0** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| BPSRPT0 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,5,7,10,11,19,20,23\*\*;JUN 2004;Build 27  ;;Per VA Directive 6402, this routine should not be modified.  ;  . . .    EN(BPRTYPE) N %,BPACREJ,BPAUTREV,BPBEGDT,BPCCRSN,BPDRGCL,BPDRUG,BPENDDT,BPEXCEL,BPNOW,BPPHARM,BPINSINF,BPMWC,BPQ,BPQSTDRG  N BPREJCD,BPRLNRL,BPRPTNAM,BPRTBCK,BPSCR,BPSUMDET,CODE,POS,STAT,X,Y,BPINS,BPARR,BPELIG,BPOPCL  N BPNBSTS,BPALRC,BPELIG1,BPRESC,BPPAT,BPQSTPAT,BPBILL,BPMIN,BPMAX,BPSLC,BPSUC  ;  ;Verify that a valid report has been requested  I ",1,2,3,4,5,6,7,8,9,"'[(","\_$G(BPRTYPE)\_",") W "<Invalid Menu Definition - Report Undefined>" H 3 Q  S BPRPTNAM=$P("PAYABLE CLAIMS^REJECTED CLAIMS^SUBMIT,NOT RELEASED CLAIMS^REVERSED CLAIMS^RECENT TRANSACTIONS^TOTALS^CLOSED CLAIMS^SPENDING ACCOUNT REPORT^RXS WITH NON-BILLABLE STATUS","^",BPRTYPE)  ;  ;Needed to convert lower case entries to upper case  S BPSLC="abcdefghijklmnopqrstuvwxyz"  S BPSUC="ABCDEFGHIJKLMNOPQRSTUVWXYZ"  ;  ;Get current Date/Time  D NOW^%DTC S Y=% D DD^%DT S BPNOW=Y  ;  ;Prompt for ECME Pharmacy Division(s) (No Default)  ;Sets up BPPHARM variable and array, BPPHARM =0 ALL or BPPHARM=1,BPPHARM(ptr) for list  S X=$$SELPHARM^BPSRPT3() I X="^" G EXIT  ;  ;Prompt to Display Summary or Detail Format (Default to Detail)  ;Returns 1 for Summary, 0 for Detail  S BPSUMDET=$$SELSMDET^BPSRPT3(2) I BPSUMDET="^" G EXIT  ;  ;Prompt to allow selection of Multiple Insurances or All (Default to ALL)  ;See description for $$INSURSEL^BPSSCRCU  S BPINS=$$INSURSEL^BPSSCRCU(.BPARR,DUZ) I BPINS<1 G EXIT  S BPINSINF=$S(BPARR(1.11)="I":BPARR("INS"),1:0)  ;If Multiple Insurances was selected "I" and the the user entered "^" or  ;the user hit return therefore not selecting a Insurance return to the menu  I BPINSINF=";" G EXIT  ;  ;Prompt to Display (C)MOP or (M)ail or (W)indow or (A)LL (Default to ALL)  ;Returns (A-ALL,M-Mail,W-Window,C-CMOP)  I (",2,")'[BPRTYPE S BPMWC=$$SELMWC^BPSRPT3("A") I BPMWC="^" G EXIT  I (",2,")[BPRTYPE S BPMWC=$$SELMWC1^BPSRPT3("A") I BPMWC="^" G EXIT  ;  ;Prompt to Display (R)ealTime Fills or (B)ackbills or (P)RO Option or Re(S)ubmission or (A)LL (Default to ALL)  ;Returns (1-ALL,2-RealTime Fills,3-Backbills,4-PRO Option,5-Resubmission)  S BPRTBCK=1  I (",2,9,")'[BPRTYPE S BPRTBCK=$$SELRTBCK^BPSRPT3(1) I BPRTBCK="^" G EXIT  I (",2,9,")[BPRTYPE S BPRTBCK=$$SELRBPS^BPSRPT3() I BPRTBCK="^" G EXIT  ;  ;Prompt to Display Specific (D)rug or Drug (C)lass or (A)ll (Default to ALL)  ;Returns (1-ALL,2-Drug,3-Drug Class)  S BPQSTDRG=$$SELDRGAL^BPSRPT3(1) I BPQSTDRG="^" Q  ;  ;Prompt to Select Drug (No Default)  S BPDRUG=0 I BPQSTDRG=2 D  I BPDRUG="^" G EXIT  . I (",2,")'[BPRTYPE S BPDRUG=$$SELDRG^BPSRPT3()  . I (",2,")[BPRTYPE S BPDRUG=$$SELDRG1^BPSRPT3A()  ;  ;Prompt to Select Drug Class (No Default)  S BPDRGCL=0 I BPQSTDRG=3 D  I BPDRGCL="^" G EXIT  . I (",2,")'[BPRTYPE S BPDRGCL=$$SELDRGCL^BPSRPT3()  . I (",2,")[BPRTYPE S BPDRGCL=$$SELDC^BPSRPT3A()  ;  ;Report Specific Prompts  ;  ;Prompt to select Date Range  ;Returns (Start Date^End Date)  I (",1,2,3,4,5,6,7,8,9,")[BPRTYPE S BPBEGDT=$$SELDATE^BPSRPT3(BPRTYPE) D  I BPBEGDT="^" G EXIT  .I BPBEGDT="^" Q  .S BPENDDT=$P(BPBEGDT,U,2)  .S BPBEGDT=$P(BPBEGDT,U)  ;  ;Prompt to Include (R)ELEASED or (N)OT RELEASED or (A)LL (Default to RELEASED)  ;Returns (1-ALL,2-RELEASED,3-NOT RELEASED)  S BPRLNRL=$S(BPRTYPE=3:3,1:1) I (",1,2,4,6,7,8,9,")[BPRTYPE S BPRLNRL=$$SELRLNRL^BPSRPT4($S(BPRTYPE=9:1,1:2)) I BPRLNRL="^" G EXIT  ;  ;Prompt to Include (S)pecific Reject Code or (A)LL (Default to ALL)  ;Returns: 0=ALL  ; ^=if user entered "^"  ; ptr=string of ptr's delimited with a comma e.g. BPREJCD="95,100,"  ; (ptr is the Pointer to the Selected Reject Code in #9002313.93)  S BPREJCD=0 I (",2,")[BPRTYPE S BPREJCD=$$SELREJCD^BPSRPT4() I BPREJCD="^" G EXIT  ;  ;Prompt to Include Auto(R)eversed or (A)LL (Default to ALL)  ;Returns (0-All,1-AutoReversed)  S BPAUTREV=0 I (",4,")[BPRTYPE S BPAUTREV=$$SELAUREV^BPSRPT4(0) I BPAUTREV="^" G EXIT  ;  ;Prompt to Include A(C)cepted or (R)ejected or (A)LL (Default to REJECTED)  ;Returns (0-All,1-Rejected,2-Accepted)  S BPACREJ=0 I (",4,")[BPRTYPE S BPACREJ=$$SELACREJ^BPSRPT4(1) I BPACREJ="^" G EXIT  ;  ;Prompt to Include (S)pecific Close Claim Reason or (A)ll (Default to All)  ;Returns (0-All,ptr-Pointer to #356.8)  S BPCCRSN=0 I (",7,")[BPRTYPE S BPCCRSN=$$SELCCRSN^BPSRPT4(0) I BPCCRSN="^" G EXIT  ;  ;Prompt for Eligibility Indicator for payable, rejected, reversed and closed claims report  ;Returns (V=VETERAN,T=TRICARE,C=CHAMPVA,0=All)  S BPELIG=0 I (",1,4,7,")[BPRTYPE S BPELIG=$$SELELIG^BPSRPT3(1) I BPELIG="^" G EXIT  ;  ;Prompt for All or Most Recent (Non-Billable Status Report only)  ;Returns A - All, R - Most Recent  S BPALRC=0 I (",9,")[BPRTYPE S BPALRC=$$SELALRC^BPSRPT3() I BPALRC="^" G EXIT  ;  ;Prompt for multiple Eligibility Indicator for Non-Billable Status and Rejected Claims Report  ;Sets up BPELIG1 variable, returns 0 if (A)ll was selected or 1. If BPELIG1=1 then the array  ; BPARR("ELIG") is set, BPARR("ELIG",xx) for each eligibility selected - xx="V", "T" or "C"  S BPELIG1=0 I (",2,9,")[BPRTYPE S BPELIG1=$$SELELIG1^BPSRPT3() I BPELIG1="^" G EXIT  ;  ;Prompt for Open/Closed/All claims  ;Returns (1=Closed,2=Open,0=All)  S BPOPCL=0 I (",2,")[BPRTYPE S BPOPCL=$$SELOPCL^BPSRPT3(2) I BPOPCL="^" G EXIT  ;  ;Prompt to select SPECIFIC PRESCRIBER(S) or (A)ll Prescribers  ;Returns: 0=ALL,^=exit  ;if Specific Prescriber was selected  ;Returns: BPRESC=a string of prescriber ien's separated by a comma  S BPRESC=0 I (",2,")[BPRTYPE S BPRESC=$$SELPRESC^BPSRPT3A() I BPRESC="^" G EXIT  ;   ;Prompt to select (P)atients or (A)LL Patients  ;Returns: (0=ALL,1=Patient,^=exit)  S BPQSTPAT=0 I (",2,")[BPRTYPE S BPQSTPAT=$$SELPA^BPSRPT3A() I BPQSTPAT="^" G EXIT  ;  ;If (P)atients was selected, prompt for one or more patients  ;Returns: BPPAT=a string of patient ien's separated by a comma  I BPQSTPAT=1 S BPPAT=$$SELPAT^BPSRPT3A() I BPPAT="^" G EXIT  ;  ;Prompt to select(R)ange for Billed Amount or (A)LL  ;Returns: (0=ALL,1=Range,^=exit)  S BPBILL=0 I (",2,")[BPRTYPE S BPBILL=$$SELBAMT^BPSRPT3A() I BPBILL="^" G EXIT  ;If Range of Billed Amount was selected prompt for Minimum and Maximum  ;Returns: BPMIN=minimum amount entered, BPMAX=maximum amount entered  S (BPMIN,BPMAX)=0  I BPBILL=1 W !,"Range for Billed Amount" D  I (BPMIN="^")!(BPMAX="^") G EXIT  . S BPMIN=$$SELBMIN^BPSRPT3A() I BPMIN="^" Q  . S BPMAX=$$SELBMAX^BPSRPT3A()  ;  ;Prompt for Non-Billable Status (Non-Billable Status Report only)  ;Sets up BPNBSTS variable and array, BPNBSTS=0 ALL or BPNBSTS=1,BPNBSTS(xx) for list  S BPNBSTS=0 I (",9,")[BPRTYPE S BPNBSTS=$$SELNBSTS^BPSRPT3() I BPNBSTS="^" G EXIT  ;  ;Prompt for Excel Capture (Detail Only)  S BPEXCEL=0 I 'BPSUMDET S BPEXCEL=$$SELEXCEL^BPSRPT4() I BPEXCEL="^" G EXIT  ;  ;Prompt for the Device  I 'BPEXCEL D  .W !!,"WARNING - THIS REPORT REQUIRES THAT A DEVICE WITH 132 COLUMN WIDTH BE USED."  .W !,"IT WILL NOT DISPLAY CORRECTLY USING 80 COLUMN WIDTH DEVICES",!  S BPQ=0 D DEVICE(BPRPTNAM) Q:BPQ  ;  ;Compile and Run the Report  D RUN(BPEXCEL,BPRPTNAM,BPSUMDET)  I 'BPQ D PAUSE2^BPSRPT1  ; EXIT Q | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| BPSRPT0 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,5,7,10,11,19,20,23,24\*\*;JUN 2004;Build 27  ;;Per VA Directive 6402, this routine should not be modified.  ;  . . .    EN(BPRTYPE) N %,BPACREJ,BPAUTREV,BPBEGDT,BPCCRSN,BPDRGCL,BPDRUG,BPENDDT,BPEXCEL,BPNOW,BPPHARM,BPINSINF,BPMWC,BPQ,BPQSTDRG  N BPREJCD,BPRLNRL,BPRPTNAM,BPRTBCK,BPSCR,BPSUMDET,CODE,POS,STAT,X,Y,BPINS,BPARR,BPELIG,BPOPCL  N BPNBSTS,BPALRC,BPELIG1,BPRESC,BPPAT,BPQSTPAT,BPBILL,BPMIN,BPMAX,BPSLC,BPSUC  ;  ;Verify that a valid report has been requested  I ",1,2,3,4,5,6,7,8,9,"'[(","\_$G(BPRTYPE)\_",") W "<Invalid Menu Definition - Report Undefined>" H 3 Q  S BPRPTNAM=$P("PAYABLE CLAIMS^REJECTED CLAIMS^SUBMIT,NOT RELEASED CLAIMS^REVERSED CLAIMS^RECENT TRANSACTIONS^TOTALS^CLOSED CLAIMS^SPENDING ACCOUNT REPORT^RXS WITH NON-BILLABLE STATUS","^",BPRTYPE)  ;  ;Needed to convert lower case entries to upper case  S BPSLC="abcdefghijklmnopqrstuvwxyz"  S BPSUC="ABCDEFGHIJKLMNOPQRSTUVWXYZ"  ;  ;Get current Date/Time  D NOW^%DTC S Y=% D DD^%DT S BPNOW=Y  ;  DIV ;  ;Prompt for ECME Pharmacy Division(s) (No Default)  ;Sets up BPPHARM variable and array, BPPHARM =0 ALL or BPPHARM=1,BPPHARM(ptr) for list  S X=$$SELPHARM^BPSRPT3() G:(X="^")&($G(BPPHARM)="") EXIT G:(X="^")&(BPPHARM=1) DIV~~I X="^" G EXIT~~  ;  ;Prompt to Display Summary or Detail Format (Default to Detail)  ;Returns 1 for Summary, 0 for Detail  S BPSUMDET=$$SELSMDET^BPSRPT3(2) I BPSUMDET="^" G EXIT  ;  INSUR ;  ;Prompt to allow selection of Multiple Insurances or All (Default to ALL)  ;See description for $$INSURSEL^BPSSCRCU  S BPINS=$$INSURSEL^BPSSCRCU(.BPARR,DUZ) I BPINS<1 G EXIT  S BPINSINF=$S(BPARR(1.11)="I":BPARR("INS"),1:0)  ; If "I" Specific Insurance(s) was selected and the user didn't select  ; an Insurance re-prompt for Specific Insurance(s) or All  I BPINSINF=";" G INSUR~~EXIT~~  ;  ;Prompt to Display (C)MOP or (M)ail or (W)indow or (A)LL (Default to ALL)  ;Returns (A-ALL,M-Mail,W-Window,C-CMOP)  I ("~~,2~~,5,6,8,")~~'~~[BPRTYPE S BPMWC=$$SELMWC^BPSRPT3("A") I BPMWC="^" G EXIT  I (",1,2,3,4,7,9,")[BPRTYPE S BPMWC=$$SELMWC1^BPSRPT3("A") I BPMWC="^" G EXIT  ;  ;Prompt to Display (R)ealTime Fills or (B)ackbills or (P)RO Option or Re(S)ubmission or (A)LL (Default to ALL)  ;Returns (1-ALL,2-RealTime Fills,3-Backbills,4-PRO Option,5-Resubmission)  S BPRTBCK=1  I ("~~,2~~,5,6,8,~~9,~~")~~'~~[BPRTYPE S BPRTBCK=$$SELRTBCK^BPSRPT3(1) I BPRTBCK="^" G EXIT  I (",1,2,3,4,7~~,9~~,")[BPRTYPE S BPRTBCK=$$SELRBPS^BPSRPT3() I BPRTBCK="^" G EXIT  ;  DGDGCL ;  ;Prompt to Display Specific (D)rug or Drug (C)lass or (A)ll (Default to ALL)  ;Returns (1-ALL,2-Drug,3-Drug Class)  S BPQSTDRG=$$SELDRGAL^BPSRPT3(1) I BPQSTDRG="^" Q  ;  ;Prompt to Select Drug (No Default)  S BPDRUG=0 I BPQSTDRG=2 D  G:BPDRUG="^" EXIT G:BPDRUG=0 DGDGCL~~I BPDRUG="^" G EXIT~~  . I ("~~,2~~,5,6,8,")~~'~~[BPRTYPE S BPDRUG=$$SELDRG^BPSRPT3()  . I (",1,2,3,4,7,9,")[BPRTYPE S BPDRUG=$$SELDRG1^BPSRPT3A()  ;  ;Prompt to Select Drug Class (No Default)  S BPDRGCL=0 I BPQSTDRG=3 D  G:BPDRGCL="^" EXIT G:BPDRGCL=0 DGDGCL~~I BPDRGCL="^" G EXIT~~  . I ("~~,2~~,5,6,8,")~~'~~[BPRTYPE S BPDRGCL=$$SELDRGCL^BPSRPT3()  . I (",1,2,3,4,7,9,")[BPRTYPE S BPDRGCL=$$SELDC^BPSRPT3A()  ;  ;Report Specific Prompts  ;  ;Prompt to select Date Range  ;Returns (Start Date^End Date)  ~~I (",1,2,3,4,5,6,7,8,9,")[BPRTYPE~~S BPBEGDT=$$SELDATE^BPSRPT3(BPRTYPE) D  I BPBEGDT="^" G EXIT  .I BPBEGDT="^" Q  .S BPENDDT=$P(BPBEGDT,U,2)  .S BPBEGDT=$P(BPBEGDT,U)  ;  ;Prompt to Include (R)ELEASED or (N)OT RELEASED or (A)LL (Default to RELEASED)  ;Returns (1-ALL,2-RELEASED,3-NOT RELEASED)  S BPRLNRL=$S(BPRTYPE=3:3,1:1) I (",1,2,4,6,7,8,9,")[BPRTYPE S BPRLNRL=$$SELRLNRL^BPSRPT4($S(BPRTYPE=9:1,1:2)) I BPRLNRL="^" G EXIT  ;  ;Prompt to Include (S)pecific Reject Code or (A)LL (Default to ALL)  ;Returns: 0=ALL  ; ^=if user entered "^"  ; ptr=string of ptr's delimited with a comma e.g. BPREJCD="95,100,"  ; (ptr is the Pointer to the Selected Reject Code in #9002313.93)  S BPREJCD=0 I (",2,")[BPRTYPE S BPREJCD=$$SELREJCD^BPSRPT4() I BPREJCD="^" G EXIT  ;  ;Prompt to Include Auto(R)eversed or (A)LL (Default to ALL)  ;Returns (0-All,1-AutoReversed)  S BPAUTREV=0 I (",4,")[BPRTYPE S BPAUTREV=$$SELAUREV^BPSRPT4(0) I BPAUTREV="^" G EXIT  ;  ;Prompt to Include A(C)cepted or (R)ejected or (A)LL (Default to REJECTED)  ;Returns (0-All,1-Rejected,2-Accepted)  S BPACREJ=0 I (",4,")[BPRTYPE S BPACREJ=$$SELACREJ^BPSRPT4(1) I BPACREJ="^" G EXIT  ; CCR ;  ;Prompt to Include (S)pecific Close Claim Reason or (A)ll (Default to All)  ;Returns (0-All,ptr-Pointer to #356.8)  S BPCCRSN=0 I ~~(",7,")[~~BPRTYPE=7 S BPCCRSN=$$SELCCRSN^BPSRPT4(0) G:BPCCRSN="" CCR I BPCCRSN="^" G EXIT  ; ;;Prompt for Eligibility Indicator for payable, rejected, reversed and closed claims report  ;;Returns (V=VETERAN,T=TRICARE,C=CHAMPVA,0=All)   ;;S BPELIG=0 I (",1,4,7,")[BPRTYPE S BPELIG=$$SELELIG^BPSRPT3(1) I BPELIG="^" G EXIT ;  ;Prompt for All or Most Recent (Non-Billable Status Report only)  ;Returns A - All, R - Most Recent  S BPALRC=0 I (",9,")[BPRTYPE S BPALRC=$$SELALRC^BPSRPT3() I BPALRC="^" G EXIT  ;  ;Prompt for one, multiple or (A)ll Eligibility Indicator ~~for Non-Billable Status and Rejected Claims Report~~  ;Returns (0-All, 1-selection)  ; If 1, BPARR("ELIG",xx) is set for each eligibility selected - xx="V", "T" or "C" ~~;Sets up BPELIG1 variable, returns 0 if (A)ll was selected or 1. If BPELIG1=1 then the array  ; BPARR("ELIG") is set, BPARR("ELIG",xx) for each eligibility selected - xx="V", "T" or "C"~~  S BPELIG1=0 I (",1,2,3,4,7,9,")[BPRTYPE S BPELIG1=$$SELELIG1^BPSRPT3() I BPELIG1="^" G EXIT  ;  ;Prompt for Open/Closed/All claims  ;Returns (1=Closed,2=Open,0=All)  S BPOPCL=0 I (",2,")[BPRTYPE S BPOPCL=$$SELOPCL^BPSRPT3(2) I BPOPCL="^" G EXIT  ;  ;Prompt to select SPECIFIC PRESCRIBER(S) or (A)ll Prescribers  ;Returns: 0=ALL,^=exit  ;if Specific Prescriber was selected  ;Returns: BPRESC=a string of prescriber ien's separated by a comma  S BPRESC=0 I (",2,")[BPRTYPE S BPRESC=$$SELPRESC^BPSRPT3A() I BPRESC="^" G EXIT  ;  PATIENT ;  ;Prompt to select (P)atients or (A)LL Patients  ;Returns: (0=ALL,1=Patient,^=exit)  S BPQSTPAT=0 I (",1,2,3,4,7,9,")[BPRTYPE S BPQSTPAT=$$SELPA^BPSRPT3A() I BPQSTPAT="^" G EXIT  ;  ;If (P)atients was selected, prompt for one or more patients  ;Returns: BPPAT=a string of patient ien's separated by a comma  I BPQSTPAT=1 S BPPAT=$$SELPAT^BPSRPT3A() G:BPPAT="^" EXIT G:BPPAT=0 PATIENT ~~I BPPAT="^" G EXIT~~  ;  ;Prompt to select(R)ange for Billed Amount or (A)LL  ;Returns: (0=ALL,1=Range,^=exit)  S BPBILL=0 I (",1,2,3,4,9,")[BPRTYPE S BPBILL=$$SELBAMT^BPSRPT3A() I BPBILL="^" G EXIT  ;If Range of Billed Amount was selected prompt for Minimum and Maximum  ;Returns: BPMIN=minimum amount entered, BPMAX=maximum amount entered  S (BPMIN,BPMAX)=0  I BPBILL=1 W !,"Range for Billed Amount" D  I (BPMIN="^")!(BPMAX="^") G EXIT  . S BPMIN=$$SELBMIN^BPSRPT3A() I BPMIN="^" Q  . S BPMAX=$$SELBMAX^BPSRPT3A()  ;  ;Prompt for Non-Billable Status (Non-Billable Status Report only)  ;Sets up BPNBSTS variable and array, BPNBSTS=0 ALL or BPNBSTS=1,BPNBSTS(xx) for list  S BPNBSTS=0 I (",9,")[BPRTYPE S BPNBSTS=$$SELNBSTS^BPSRPT3() I BPNBSTS="^" G EXIT  ;  ;Prompt for Excel Capture (Detail Only)  S BPEXCEL=0 I 'BPSUMDET S BPEXCEL=$$SELEXCEL^BPSRPT4() I BPEXCEL="^" G EXIT  ;  ;Prompt for the Device  I 'BPEXCEL D  .W !!,"WARNING - THIS REPORT REQUIRES THAT A DEVICE WITH 132 COLUMN WIDTH BE USED."  .W !,"IT WILL NOT DISPLAY CORRECTLY USING 80 COLUMN WIDTH DEVICES",!  S BPQ=0 D DEVICE(BPRPTNAM) Q:BPQ  ;  ;Compile and Run the Report  D RUN(BPEXCEL,BPRPTNAM,BPSUMDET)  I 'BPQ D PAUSE2^BPSRPT1  ; EXIT Q | | | | |

Do not display the help text when an option is repeated for the Fill Type filter question. The system should filter out the duplicate responses and display a list of the items selected. Also if ‘A’ is one of the selections made by the user then treat as if ALL was selected.

| Subroutine Name | **SELBPS^BPSRPT3** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| SELRBPS() ;  ;  ; BPSRBSTR = string of valid codes  ;  ; Upon completion of prompt, values will be placed into a string delimited  ; by commas. e.g. P,R  ;  ; If user selected (A)ll then 1 will be stored in BPARR  ;  ; User input values are temporary stored in array BPSRBPS to eliminate duplicate  ; entries.  ;  BPRBPS ; Realtime / Backbills / Pro Option / Resubmission / All  N BPARR,BPSRBPS,BPSERR,BPSRBSTR,BPSSEL,BPSX  N DIR,DIRUT,DTOUT,DUOUT,X,Y  ;  S BPSRBSTR=",R,B,P,S,A,"  S DIR(0)="FO^0:7"  S DIR("A",1)=""  S DIR("A",2)=" Select one or more of the following:"  S DIR("A",3)=""  S DIR("A",4)=" R Real Time Fills"  S DIR("A",5)=" B Backbill"  S DIR("A",6)=" P PRO Option"  S DIR("A",7)=" S ReSubmission"  S DIR("A",8)=" A ALL"  S DIR("A",9)=""  S DIR("A")="Display (R)ealTime, (B)ackbills, (P)RO Option, Re(S)ubmission or (A)ll"  S DIR("B")="A" S:$G(BPARR("RBPS"))'="" DIR("B")=BPARR("RBPS")  S DIR("?",1)="Enter a single response or multiple responses separated by commas."  S DIR("?",2)=" Example:"  S DIR("?",3)=" B"  S DIR("?")=" B,P"  D ^DIR K DIR  ;  I ($G(DUOUT)=1)!($G(DTOUT)=1)!($D(DIRUT)) Q "^"  ;  ;Convert any lower case to upper case  S X=$TR(X,BPSLC,BPSUC)  ;  ; Loop through user input (returned in variable X).  ; Display warning message if any user input selection is not included  ; in the string of acceptable codes (BPSRBSTR) and re-prompt question.  ; Assign valid selections to BPRTBCK array. This array will prevent  ; duplicate entries from being saved to the user's profile.  ;  K BPSRBPS  S (BPSSEL,BPSERR)=""  F BPSX=1:1:$L(X,",") D  . S BPSSEL=$P(X,",",BPSX)  . I BPSRBSTR'[(","\_BPSSEL\_",") W !," ",BPSSEL," is not a valid entry." S BPSERR=1 Q  . S BPSRBPS(BPSSEL)=""  ;  I $G(BPSERR)=1 G BPRBPS  ;  ; If user selected (A)ll, set profile setting to ALL.  I $D(BPSRBPS("A")) S BPARR("RBPS")=1  E D ; User did not enter "A".  . ;  . ; At this point user selections are valid and do not include "A".  . ; Loop through valid user selections. Set selections into a  . ; comma delimited string before assigning to BPARR array.  . ;  . S (BPSSEL,BPSSELN)=""  . F S BPSSEL=$O(BPSRBPS(BPSSEL)) Q:BPSSEL="" D  . . ; Display the user selections  . . W !,?10,$S(BPSSEL="R":"REALTIME",BPSSEL="B":"BACKBILLS",BPSSEL="P":"PRO OPTION",BPSSEL="S":"RESUBMISSION",1:"")  . . S BPSRBPS=$G(BPSRBPS)\_BPSSEL\_","  . S BPSRBPS=$E(BPSRBPS,1,($L(BPSRBPS)-1))  ;  ; If ALL wasn't selected convert BPSRBPS to numerical a value, like existing functionality in SELRTBCK^BPSRPT3.  I '$D(BPSRBPS("A")) D  . N RTBCKX,NRTBCK,I  . S NRTBCK=""  . I $L(BPSRBPS)=1 D  . . S NRTBCK=$S(BPSRBPS="R":2,BPSRBPS="B":3,BPSRBPS="P":4,BPSRBPS="S":5,1:"")  . . S BPARR("RBPS")=NRTBCK  . E D  . . F I=1:1:$L(BPSRBPS,",") S RTBCKX=$P(BPSRBPS,",",I),NRTBCK=NRTBCK\_$S(RTBCKX="R":2,RTBCKX="B":3,RTBCKX="P":4,RTBCKX="S":5,1:"")\_","  . . S BPARR("RBPS")=$E(NRTBCK,1,$L(NRTBCK)-1)  ;  Q BPARR("RBPS") | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SELRBPS() ;  ;  ; BPSRBSTR = string of valid codes  ;  ; Upon completion of prompt, values will be placed into a string delimited  ; by commas. e.g. P,R  ;  ; If user selected (A)ll then 1 will be stored in BPARR  ;  ; User input values are temporary stored in array BPSRBPS to eliminate duplicate  ; entries.  ;  BPRBPS ; Realtime / Backbills / Pro Option / Resubmission / All  N BPARR,BPSRBPS,BPSERR,BPSRBSTR,BPSSEL,BPSX  N DIR,DIRUT,DTOUT,DUOUT,X,Y  ;  S BPSRBSTR=",R,B,P,S,A,"  S DIR(0)="FO^0:9"  S DIR("A",1)=""  S DIR("A",2)=" Select one or more of the following:"  S DIR("A",3)=""  S DIR("A",4)=" R Real Time Fills"  S DIR("A",5)=" B Backbill"  S DIR("A",6)=" P PRO Option"  S DIR("A",7)=" S ReSubmission"  S DIR("A",8)=" A ALL"  S DIR("A",9)=""  S DIR("A")="Display (R)ealTime, (B)ackbills, (P)RO Option, Re(S)ubmission or (A)ll"  S DIR("B")="A" S:$G(BPARR("RBPS"))'="" DIR("B")=BPARR("RBPS")  S DIR("?",1)="Enter a single response or multiple responses separated by commas."  S DIR("?",2)=" Example:"  S DIR("?",3)=" B"  S DIR("?")=" B,P"  D ^DIR K DIR  ;  I ($G(DUOUT)=1)!($G(DTOUT)=1)!($D(DIRUT)) Q "^"  ;  ;Convert any lower case to upper case  S X=$TR(X,BPSLC,BPSUC)  ;  ;If 'A' was one of the selections it overrides all other selections.  I X[",",X["A" S X="A"  ;  ; Loop through user input (returned in variable X).  ; Display warning message if any user input selection is not included  ; in the string of acceptable codes (BPSRBSTR) and re-prompt question.  ; Assign valid selections to BPRTBCK array. This array will prevent  ; duplicate entries from being saved to the user's profile.  ;  K BPSRBPS  S (BPSSEL,BPSERR)=""  F BPSX=1:1:$L(X,",") D  . S BPSSEL=$P(X,",",BPSX)  . I BPSRBSTR'[(","\_BPSSEL\_",") W !," ",BPSSEL," is not a valid entry." S BPSERR=1 Q  . S BPSRBPS(BPSSEL)=""  ;  I $G(BPSERR)=1 G BPRBPS  ;  ; If user selected (A)ll, set profile setting to ALL.  I $D(BPSRBPS("A")) S BPARR("RBPS")=1  E D ; User did not enter "A".  . ;  . ; At this point user selections are valid and do not include "A".  . ; Loop through valid user selections. Set selections into a  . ; comma delimited string before assigning to BPARR array.  . ;  . S (BPSSEL,BPSSELN)=""  . F S BPSSEL=$O(BPSRBPS(BPSSEL)) Q:BPSSEL="" D  . . ; Display the user selections  . . W !,?10,$S(BPSSEL="R":"REALTIME",BPSSEL="B":"BACKBILLS",BPSSEL="P":"PRO OPTION",BPSSEL="S":"RESUBMISSION",1:"")  . . S BPSRBPS=$G(BPSRBPS)\_BPSSEL\_","  . S BPSRBPS=$E(BPSRBPS,1,($L(BPSRBPS)-1))  ;  ; If ALL wasn't selected convert BPSRBPS to numerical a value, like existing functionality in SELRTBCK^BPSRPT3.  I '$D(BPSRBPS("A")) D  . N RTBCKX,NRTBCK,I  . S NRTBCK=""  . I $L(BPSRBPS)=1 D  . . S NRTBCK=$S(BPSRBPS="R":2,BPSRBPS="B":3,BPSRBPS="P":4,BPSRBPS="S":5,1:"")  . . S BPARR("RBPS")=NRTBCK  . E D  . . F I=1:1:$L(BPSRBPS,",") S RTBCKX=$P(BPSRBPS,",",I),NRTBCK=NRTBCK\_$S(RTBCKX="R":2,RTBCKX="B":3,RTBCKX="P":4,RTBCKX="S":5,1:"")\_","  . . S BPARR("RBPS")=$E(NRTBCK,1,$L(NRTBCK)-1)  ;  Q BPARR("RBPS") | | | | |

For the Eligibility and Fill Location filter prompts, if ‘A’ is one of the selections made by the user then treat as if ALL was selected.

| Subroutine Name | **SELELIG1^BPSRPT3** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| SELELIG1() ;  ; Select multiple Eligibilities  ;  ; Input Variable -> none  ; Return Value -> 0: All, 1: Selected Eligibilities; '^' = Exit  ;  ; Output Variable -> BPELIG1 = 1 - One or More Eligibilities Selected  ; = 0 - User Entered 'ALL'  ; = "^" - User quit  ;  ; If BPELIG1 = 1 then the BPELIG1 array will be defined where:  ; BPELIG1("C")="CHAMPVA"  ; BPELIG1("T")="TRICARE"  ; BPELIG1("V")="VETERAN"  ;  ;  BPSELIG1 ;  ;Reset BPELIG1 array  K BPELIG1  N DIR,DTOUT,DUOUT,DIRUT,DIROUT,X,Y,P  N BPSVTC,BPSERR,BPSVTCSTR,BPSSEL,BPSX  ;  S BPSVTCSTR=",V,T,C,A,"  S DIR(0)="FO^0:7"  S DIR("A",1)=""  S DIR("A",2)="Select one or more of the following:"  S DIR("A",3)=""  S DIR("A",4)=" V VETERAN"  S DIR("A",5)=" T TRICARE"  S DIR("A",6)=" C CHAMPVA"  S DIR("A",7)=" A ALL"  S DIR("A",8)=""  S DIR("A")="Display (V)ETERAN or (T)RICARE or (C)HAMPVA or (A)LL"  S DIR("B")="A" S:$G(BPARR("ELIG"))'="" DIR("B")=BPARR("ELIG")  S DIR("?",1)="Enter a single response or multiple responses separated by commas."  S DIR("?",2)=" Example:"  S DIR("?",3)=" T"  S DIR("?")=" T,C"  D ^DIR K DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1)!($D(DIRUT)) Q "^"  ;  ;Convert any lower case to upper case  S X=$TR(X,BPSLC,BPSUC)  ;  ; Loop through user input (returned in variable X).  ; Display warning message if any user input selection is not included  ; in the string of acceptable codes (BPSVTCSTR) and re-prompt question.  ; Assign valid selections to BPSVTC array. This array will prevent  ; duplicate entries from being saved to the user's profile.  ;  K BPSVTC  S BPSERR=""  F BPSX=1:1:$L(X,",") D  . S BPSSEL=$P(X,",",BPSX)  . I BPSVTCSTR'[(","\_BPSSEL\_",") W !," ",BPSSEL," is not a valid entry." S BPSERR=1 Q  . ; if All was selected don't include in array  . I BPSSEL'="A" S BPELIG1(BPSSEL)=$S(BPSSEL="V":"VETERAN",BPSSEL="T":"TRICARE",BPSSEL="C":"CHAMPVA",1:"")  ;  I $G(BPSERR)=1 G BPSELIG1  ;  ; ALL was selected  I X="A" S BPELIG1=0  E D ;  . ;User selected one or more eligibilities  . S BPELIG1=1  . ;  . ; Display the user selections  . ;  . S BPSSEL=""  . F S BPSSEL=$O(BPELIG1(BPSSEL)) Q:BPSSEL="" W !,?10,BPELIG1(BPSSEL)  ;  Q BPELIG1 | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SELELIG1() ;  ; Select multiple Eligibilities  ;  ; Input Variable -> none  ; Return Value -> 0: All, 1: Selected Eligibilities; '^' = Exit  ;  ; Output Variable -> BPELIG1 = 1 - One or More Eligibilities Selected  ; = 0 - User Entered 'ALL'  ; = "^" - User quit  ;  ; If BPELIG1 = 1 then the BPELIG1 array will be defined where:  ; BPELIG1("C")="CHAMPVA"  ; BPELIG1("T")="TRICARE"  ; BPELIG1("V")="VETERAN"  ;  ;  BPSELIG1 ;  ;Reset BPELIG1 array  K BPELIG1  N DIR,DTOUT,DUOUT,DIRUT,DIROUT,X,Y,P  N BPSVTC,BPSERR,BPSVTCSTR,BPSSEL,BPSX  ;  S BPSVTCSTR=",V,T,C,A,"  S DIR(0)="FO^0:7"  S DIR("A",1)=""  S DIR("A",2)="Select one or more of the following:"  S DIR("A",3)=""  S DIR("A",4)=" V VETERAN"  S DIR("A",5)=" T TRICARE"  S DIR("A",6)=" C CHAMPVA"  S DIR("A",7)=" A ALL"  S DIR("A",8)=""  S DIR("A")="Display (V)ETERAN or (T)RICARE or (C)HAMPVA or (A)LL"  S DIR("B")="A" S:$G(BPARR("ELIG"))'="" DIR("B")=BPARR("ELIG")  S DIR("?",1)="Enter a single response or multiple responses separated by commas."  S DIR("?",2)=" Example:"  S DIR("?",3)=" T"  S DIR("?")=" T,C"  D ^DIR K DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1)!($D(DIRUT)) Q "^"  ;  ;Convert any lower case to upper case  S X=$TR(X,BPSLC,BPSUC)  ;  ;If 'A' was one of the selections it overrides all other selections.  I X[",",X["A" S X="A"  ;  ; Loop through user input (returned in variable X).  ; Display warning message if any user input selection is not included  ; in the string of acceptable codes (BPSVTCSTR) and re-prompt question.  ; Assign valid selections to BPSVTC array. This array will prevent  ; duplicate entries from being saved to the user's profile.  ;  K BPSVTC  S BPSERR=""  F BPSX=1:1:$L(X,",") D  . S BPSSEL=$P(X,",",BPSX)  . I BPSVTCSTR'[(","\_BPSSEL\_",") W !," ",BPSSEL," is not a valid entry." S BPSERR=1 Q  . ; if All was selected don't include in array  . I BPSSEL'="A" S BPELIG1(BPSSEL)=$S(BPSSEL="V":"VETERAN",BPSSEL="T":"TRICARE",BPSSEL="C":"CHAMPVA",1:"")  ;  I $G(BPSERR)=1 G BPSELIG1  ;  ; ALL was selected  I X="A" S BPELIG1=0  E D ;  . ;User selected one or more eligibilities  . S BPELIG1=1  . ;  . ; Display the user selections  . ;  . S BPSSEL=""  . F S BPSSEL=$O(BPELIG1(BPSSEL)) Q:BPSSEL="" W !,?10,BPELIG1(BPSSEL)  ;  Q BPELIG1 | | | | |

| Subroutine Name | **SELMWC1^BPSRPT3** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| SELMWC1(DFLT) ;  ; Upon completion of prompt, values will be placed into a string delimited  ; by commas. e.g. C,M  ;  ; If user includes (A)ll as a code, "A" will be stored in BPARR  ; array. e.g. Entry of C,M,A will save as BPARR("MWC")="A"  ;  ; User input values are temporary stored in array BPSMWC to eliminate duplicate  ; entries. e.g. Entry of C,M,C will save as BPARR("MWC")="C,M"  ;  BPSMWC ;  N DIR,DIRUT,DTOUT,DUOUT,X,Y  N BPARR,BPSMWC,BPSERR,BPSMWCSTR,BPSSEL,BPSX  ;  S BPSMWCSTR=",C,M,W,A,"  S DIR(0)="FO^0:7"  S DIR("A",1)=""  S DIR("A",2)=" Select one or more of the following:"  S DIR("A",3)=""  S DIR("A",4)=" C CMOP"  S DIR("A",5)=" M Mail"  S DIR("A",6)=" W Window"  S DIR("A",7)=" A ALL"  S DIR("A",8)=""  S DIR("A")="Display (C)MOP or (M)ail or (W)indow or (A)ll"  S DIR("B")="A" S:$G(BPARR("MWC"))'="" DIR("B")=BPARR("MWC")  S DIR("?",1)="Enter a single response or multiple responses separated by commas."  S DIR("?",2)=" Example:"  S DIR("?",3)=" C"  S DIR("?")=" C,M"  D ^DIR K DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1)!($D(DIRUT)) Q "^"  ;  ;Convert any lower case to upper case  S X=$TR(X,BPSLC,BPSUC)  ;  ; Loop through user input (returned in variable X).  ; Display warning message if any user input selection is not included  ; in the string of acceptable codes (BPSMWCSTR) and re-prompt question.  ; Assign valid selections to BPSMWC array. This array will prevent  ; duplicate entries from being saved to the user's profile.  ;  K BPSMWC  S BPSERR=""  F BPSX=1:1:$L(X,",") D  . S BPSSEL=$P(X,",",BPSX)  . I BPSMWCSTR'[(","\_BPSSEL\_",") W !," ",BPSSEL," is not a valid entry." S BPSERR=1 Q  . S BPSMWC(BPSSEL)=""  ;  I $G(BPSERR)=1 G BPSMWC  ;  ; If user included (A)ll as a selection, set profile setting to "A".  ;  I $D(BPSMWC("A")) S BPARR("MWC")="A"  E D ; User did not enter "A".  . ;  . ; At this point user selections are valid, do not include "A".  . ; Loop through and set selections into a comma delimited  . ; string before assigning to BPARR array.  . ;  . S BPSSEL=""  . F S BPSSEL=$O(BPSMWC(BPSSEL)) Q:BPSSEL="" D  . . ; Display the user selections  . . W !,?10,$S(BPSSEL="C":"CMOP",BPSSEL="M":"MAIL",BPSSEL="W":"WINDOW",1:"")  . . S BPSMWC=$G(BPSMWC)\_BPSSEL\_","  . S BPSMWC=$E(BPSMWC,1,($L(BPSMWC)-1))  . S BPARR("MWC")=BPSMWC  ;  Q BPARR("MWC") | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SELMWC1(DFLT) ;  ; Upon completion of prompt, values will be placed into a string delimited  ; by commas. e.g. C,M  ;  ; If user includes (A)ll as a code, "A" will be stored in BPARR  ; array. e.g. Entry of C,M,A will save as BPARR("MWC")="A"  ;  ; User input values are temporary stored in array BPSMWC to eliminate duplicate  ; entries. e.g. Entry of C,M,C will save as BPARR("MWC")="C,M"  ;  BPSMWC ;  N DIR,DIRUT,DTOUT,DUOUT,X,Y  N BPARR,BPSMWC,BPSERR,BPSMWCSTR,BPSSEL,BPSX  ;  S BPSMWCSTR=",C,M,W,A,"  S DIR(0)="FO^0:7"  S DIR("A",1)=""  S DIR("A",2)=" Select one or more of the following:"  S DIR("A",3)=""  S DIR("A",4)=" C CMOP"  S DIR("A",5)=" M Mail"  S DIR("A",6)=" W Window"  S DIR("A",7)=" A ALL"  S DIR("A",8)=""  S DIR("A")="Display (C)MOP or (M)ail or (W)indow or (A)ll"  S DIR("B")="A" S:$G(BPARR("MWC"))'="" DIR("B")=BPARR("MWC")  S DIR("?",1)="Enter a single response or multiple responses separated by commas."  S DIR("?",2)=" Example:"  S DIR("?",3)=" C"  S DIR("?")=" C,M"  D ^DIR K DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1)!($D(DIRUT)) Q "^"  ;  ;Convert any lower case to upper case  S X=$TR(X,BPSLC,BPSUC)  ;  ;If 'A' was one of the selections it overrides all other selections.  I X[",",X["A" S X="A"  ;  ; Loop through user input (returned in variable X).  ; Display warning message if any user input selection is not included  ; in the string of acceptable codes (BPSMWCSTR) and re-prompt question.  ; Assign valid selections to BPSMWC array. This array will prevent  ; duplicate entries from being saved to the user's profile.  ;  K BPSMWC  S BPSERR=""  F BPSX=1:1:$L(X,",") D  . S BPSSEL=$P(X,",",BPSX)  . I BPSMWCSTR'[(","\_BPSSEL\_",") W !," ",BPSSEL," is not a valid entry." S BPSERR=1 Q  . S BPSMWC(BPSSEL)=""  ;  I $G(BPSERR)=1 G BPSMWC  ;  ; If user included (A)ll as a selection, set profile setting to "A".  ;  I $D(BPSMWC("A")) S BPARR("MWC")="A"  E D ; User did not enter "A".  . ;  . ; At this point user selections are valid, do not include "A".  . ; Loop through and set selections into a comma delimited  . ; string before assigning to BPARR array.  . ;  . S BPSSEL=""  . F S BPSSEL=$O(BPSMWC(BPSSEL)) Q:BPSSEL="" D  . . ; Display the user selections  . . W !,?10,$S(BPSSEL="C":"CMOP",BPSSEL="M":"MAIL",BPSSEL="W":"WINDOW",1:"")  . . S BPSMWC=$G(BPSMWC)\_BPSSEL\_","  . S BPSMWC=$E(BPSMWC,1,($L(BPSMWC)-1))  . S BPARR("MWC")=BPSMWC  ;  Q BPARR("MWC") | | | | |

If the user has selected specific Division and then doesn’t make a selection, modify to return the user to the ‘Select Certain Pharmacy (D)ivisions or (A)LL’ prompt.

| Subroutine Name | **SELPHARM^BPSPRT3** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ; Select the ECME Pharmacy or Pharmacies  ;   ; Input Variable -> none  ; Return Value -> "" = Valid Entry or Entries Selected  ; ^ = Exit  ;   ; Output Variable -> BPPHARM = 1 One or More Pharmacies Selected  ; = 0 User Entered 'ALL'  ;   ; If BPPHARM = 1 then the BPPHARM array will be defined where:  ; BPPHARM(ptr) = ptr ^ BPS PHARMACY NAME and  ; ptr = Internal Pointer to BPS PHARMACIES file (#9002313.56)  ;  SELPHARM() N DIC,DIR,DIRUT,DTOUT,DUOUT,X,Y  ;  ;Reset BPPHARM array  K BPPHARM  ;  ;First see if they want to enter individual divisions or ALL  S DIR(0)="S^D:DIVISION;A:ALL"  S DIR("A")="Select Certain Pharmacy (D)ivisions or (A)LL"  S DIR("L",1)="Select one of the following:"  S DIR("L",2)=""  S DIR("L",3)=" D DIVISION"  S DIR("L",4)=" A ALL"  D ^DIR K DIR  ;  ;Check for "^" or timeout, otherwise define BPPHARM  I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^"  E  S BPPHARM=$S(Y="A":0,1:1)  ;  ;If division selected, ask prompt  I $G(BPPHARM)=1 F  D  Q:Y="^"!(Y="")   .;  .;Prompt for entry  .K X S DIC(0)="QEAM",DIC=9002313.56,DIC("A")="Select ECME Pharmacy Division(s): "  .W ! D ^DIC  .;  .;Check for "^" or timeout   .I ($G(DUOUT)=1)!($G(DTOUT)=1) K BPPHARM S Y="^" Q  .;  .;Check for blank entry, quit if no previous selections  .I $G(X)="" S Y=$S($D(BPPHARM)>9:"",1:"^") K:Y="^" BPPHARM Q  .;  .;Handle Deletes  .I $D(BPPHARM(+Y)) D  Q:Y="^"  I 1  ..N P  ..S P=Y  ;Save Original Value  ..S DIR(0)="S^Y:YES;N:NO",DIR("A")="Delete "\_$P(P,U,2)\_" from your list?"  ..S DIR("B")="NO" D ^DIR  ..I ($G(DUOUT)=1)!($G(DTOUT)=1) K BPPHARM S Y="^" Q  ..I Y="Y" K BPPHARM(+P),BPPHARM("B",$P(P,U,2),+P)  ..S Y=P  ;Restore Original Value  ..K P  .E  D  ..;Define new entries in BPPHARM array  ..S BPPHARM(+Y)=Y  ..S BPPHARM("B",$P(Y,U,2),+Y)=""  .;  .;Display a list of selected divisions  .I $D(BPPHARM)>9 D  ..N X  ..W !,?2,"Selected:"  ..S X="" F  S X=$O(BPPHARM("B",X)) Q:X=""  W !,?10,X  ..K X  .Q  ;  K BPPHARM("B")  Q Y | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ; Select the ECME Pharmacy or Pharmacies  ;   ; Input Variable -> none  ; Return Value -> "" = Valid Entry or Entries Selected  ; ^ = Exit  ;   ; Output Variable -> BPPHARM = 1 One or More Pharmacies Selected  ; = 0 User Entered 'ALL'  ;   ; If BPPHARM = 1 then the BPPHARM array will be defined where:  ; BPPHARM(ptr) = ptr ^ BPS PHARMACY NAME and  ; ptr = Internal Pointer to BPS PHARMACIES file (#9002313.56)  ;  SELPHARM() N DIC,DIR,DIRUT,DTOUT,DUOUT,X,Y  ;  ;Reset BPPHARM array  K BPPHARM  ;  ;First see if they want to enter individual divisions or ALL  S DIR(0)="S^D:DIVISION;A:ALL"  S DIR("A")="Select Certain Pharmacy (D)ivisions or (A)LL"  S DIR("L",1)="Select one of the following:"  S DIR("L",2)=""  S DIR("L",3)=" D DIVISION"  S DIR("L",4)=" A ALL"  D ^DIR K DIR  ;  ;Check for "^" or timeout, otherwise define BPPHARM  I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^"  E  S BPPHARM=$S(Y="A":0,1:1)  ; SELPHRM1 ;  ;If division selected, ask prompt  I $G(BPPHARM)=1 F  D  Q:Y="^"!(Y="")   .;  .;Prompt for entry  .K X S DIC(0)="QEAM",DIC=9002313.56,DIC("A")="Select ECME Pharmacy Division(s): "  .W ! D ^DIC  .;  .;Check for "^" or timeout   .I ($G(DUOUT)=1)!($G(DTOUT)=1) K BPPHARM S Y="^" Q  .;  .;Check for blank entry , quit if no previous selections  .I $G(X)="" S Y=$S($D(BPPHARM)>9:"",1:"^") Q   .;  .;Handle Deletes  .I $D(BPPHARM(+Y)) D  Q:Y="^"  I 1  ..N P  ..S P=Y  ;Save Original Value  ..S DIR(0)="S^Y:YES;N:NO",DIR("A")="Delete "\_$P(P,U,2)\_" from your list?"  ..S DIR("B")="NO" D ^DIR  ..I ($G(DUOUT)=1)!($G(DTOUT)=1) K BPPHARM S Y="^" Q  ..I Y="Y" K BPPHARM(+P),BPPHARM("B",$P(P,U,2),+P)  ..S Y=P  ;Restore Original Value  ..K P  .E  D  ..;Define new entries in BPPHARM array  ..S BPPHARM(+Y)=Y  ..S BPPHARM("B",$P(Y,U,2),+Y)=""  .;  .;Display a list of selected divisions  .I $D(BPPHARM)>9 D  ..N X  ..W !,?2,"Selected:"  ..S X="" F  S X=$O(BPPHARM("B",X)) Q:X=""  W !,?10,X  ..K X  .Q  ;   K BPPHARM("B")  Q Y | | | | |

If the user has selected Specific Insurance and then doesn’t make a selection, modify to return the user to the ‘Select Certain (I)NSURANCE or (A)LL’ prompt.

| Subroutine Name | **INSURSEL^BPSSCRCU** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| BPSSCRCU ;BHAM ISC/SS - ECME SCREEN CONTINUOUS UPDATE AND CHANGE VIEW ;05-APR-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,5,7\*\*;JUN 2004;Build 46  ;;Per VHA Directive 2004-038, this routine should not be modified.  Q  ;  . . .   ; Select Insurance using IB API - IA 4721  ; Input: BPARR passed by ref to store user selection  ; BPDUZ - User DUZ  ; Output: RETV = -1 if timeout or user enters "^"  ; BPARR(1.11)="I" for individual insurance or "A" for all  ; BPARR("INS")=semi-colon list of IENs from file 36 if individual insurances selected  ; Example output: BPARR(1.11)="I" BPARR("INS")=";7;499;200;" INSURSEL(BPARR,BPDUZ) ;  N RETV,BPQ,BPINP,BPINSARR,Y,BPCNT  S (BPARR(1.11),BPARR(2.04),BPARR("INS"))=""  S (BPINS,BPCNT)=0  S RETV=$$EDITFLD^BPSSCRCV(1.11,+BPDUZ,"S^I:SPECIFIC INSURANCE(S);A:ALL","Select Certain (I)NSURANCE or (A)LL)","ALL",.BPARR)  ; Quit if timeout or ^ entered  Q:RETV<0 +RETV  ; Quit if ALL selected  Q:$P(RETV,U,2)="A" +RETV  ; Get selected insurances from parameters and display them  I $$GETINS(BPDUZ,.BPINSARR) D DISPINS(.BPINSARR)   ; Select specific Insurances to add to BPARR("INS") array   S BPQ=0 F  D  ~~Q:BPQ’=0~~  . S BPINP=$$SELINSUR^IBNCPDPI("Select INSURANCE","")  . S:+BPINP=-1 BPQ=-1 I BPQ'=0 Q  . ;  . ; Handle deletes  . I $D(BPINSARR(+BPINP)) D  Q  . . W !  . . S Y=$$PROMPT^BPSSCRCV("S^Y:YES;N:NO","Delete "\_$P(BPINP,U,2)\_" from your list?","NO")  . . I Y="Y" K BPINSARR(+BPINP),BPINSARR("B",$P(BPINP,U,2),+BPINP)  . . ; Display a list of selected Insurance Companies  . . D DISPINS(.BPINSARR)  . ; Save selection in Insurance Company array  . S BPINSARR(+BPINP)=BPINP,BPINSARR("B",$P(BPINP,U,2),+BPINP)=""  . ; Display a list of selected Insurance Companies  . D DISPINS(.BPINSARR)  ;  ;If the user entered "^" Quit returning "^"  I BPQ=-1,X="^" Q "^"  ;Check for blank entry, if no previous selections prompt user to "Select INSURANCE"  I BPQ=-1 I $D(BPINSARR)<9 G SELINS1  ;  ; Save selected Insurances in BPARR("INS") to be saved in instance 1.14 when filed.  S BPARR("INS")=""  F BPCNT=1:1 S BPINS=$O(BPINSARR(BPINS)) Q:+BPINS=0 D  . S BPARR("INS")=$G(BPARR("INS"))\_";"\_BPINS  S (BPARR("INS"),BPARR(2.04))=$G(BPARR("INS"))\_";"  Q +RETV | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| BPSSCRCU ;BHAM ISC/SS - ECME SCREEN CONTINUOUS UPDATE AND CHANGE VIEW ;05-APR-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,5,7,24\*\*;JUN 2004;Build 46  ;;Per VA Directive 6402~~2004-038~~, this routine should not be modified.  Q  ;  . . .   ; Select Insurance using IB API - IA 4721  ; Input: BPARR passed by ref to store user selection  ; BPDUZ - User DUZ  ; Output: RETV = -1 if timeout or user enters "^"  ; BPARR(1.11)="I" for individual insurance or "A" for all  ; BPARR("INS")=semi-colon list of IENs from file 36 if individual insurances selected  ; Example output: BPARR(1.11)="I" BPARR("INS")=";7;499;200;" INSURSEL(BPARR,BPDUZ) ;  N RETV,BPQ,BPINP,BPINSARR,Y,BPCNT  S (BPARR(1.11),BPARR(2.04),BPARR("INS"))=""  S (BPINS,BPCNT)=0  S RETV=$$EDITFLD^BPSSCRCV(1.11,+BPDUZ,"S^I:SPECIFIC INSURANCE(S);A:ALL","Select Certain (I)NSURANCE or (A)LL)","ALL",.BPARR)  ; Quit if timeout or ^ entered  Q:RETV<0 +RETV  ; Quit if ALL selected  Q:$P(RETV,U,2)="A" +RETV  ; Get selected insurances from parameters and display them  I $$GETINS(BPDUZ,.BPINSARR) D DISPINS(.BPINSARR) SELINS1 ;  ; Select specific Insurances to add to BPARR("INS") array  S BPQ=0 F  D  Q:BPQ’=0  . S BPINP=$$SELINSUR^IBNCPDPI("Select INSURANCE","")  . S:+BPINP=-1 BPQ=-1 I BPQ'=0 Q   . ;  . ; Handle deletes  . I $D(BPINSARR(+BPINP)) D  Q  . . W !  . . S Y=$$PROMPT^BPSSCRCV("S^Y:YES;N:NO","Delete "\_$P(BPINP,U,2)\_" from your list?","NO")  . . I Y="Y" K BPINSARR(+BPINP),BPINSARR("B",$P(BPINP,U,2),+BPINP)  . . ; Display a list of selected Insurance Companies  . . D DISPINS(.BPINSARR)  . ; Save selection in Insurance Company array  . S BPINSARR(+BPINP)=BPINP,BPINSARR("B",$P(BPINP,U,2),+BPINP)=""  . ; Display a list of selected Insurance Companies  . D DISPINS(.BPINSARR)  ;  ;If the user entered "^" Quit returning "^"  I BPQ=-1,X="^" Q "^"  ;  ; Save selected Insurances in BPARR("INS") to be saved in instance 1.14 when filed.  S BPARR("INS")=""  F BPCNT=1:1 S BPINS=$O(BPINSARR(BPINS)) Q:+BPINS=0 D  . S BPARR("INS")=$G(BPARR("INS"))\_";"\_BPINS  S (BPARR("INS"),BPARR(2.04))=$G(BPARR("INS"))\_";"  Q +RETV | | | | |

The filter prompts for Drug, Drug Class and Patient all call the subroutine SEL^BPSRPT3A when making a selection. Modify SEL^BPSRPT3A so it requires the user to make an entry.

| Subroutine Name | **SEL^BPSRPT3A** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| SEL(FIELD,FILE,BPSARRAY,DEFAULT) ;  ; Provides field selection for One or More  N DIC,DTOUT,DUOUT,QT,Y,X  N BPSARR  ;  S DIC=FILE,DIC(0)="QEZAM",DIC("A")="Select "\_FIELD\_": "  I $G(DEFAULT)'="" S DIC("B")=DEFAULT  F  D ^DIC Q:X=""  D  Q:$G(QT)  . ; Check for "^" or timeout, if found set BPSARRAY="^" and quit.  . I $D(DTOUT)!$D(DUOUT) K BPSARRAY S BPSARRAY="^",QT=1 Q  . ;  . ; If selection already exists in BPSARRAY, then display message  . ; "(already selected)" and prompt for next selection.  . I $D(BPSARRAY(+Y)) W " (already selected)"  . S BPSARRAY(+Y)=$P(Y,"^",2)  . W " ",$P(Y,"^",2),!  . ;  . S DIC("A")="Select "\_FIELD\_": "  . ;  . ; display a list of current selections  . I FIELD="Drug Class" D  . . S BPSARR=""  . . F  S BPSARR=$O(BPSARRAY(BPSARR)) Q:'BPSARR  I BPSARR'=+Y W ?3,$$GET1^DIQ(50.605,BPSARR,1)," ",$$GET1^DIQ(50.605,BPSARR,.01),!  . ;  . I $D(BPSARRAY),FIELD'="Drug Class" D  . . S BPSARR="" F  S BPSARR=$O(BPSARRAY(BPSARR)) Q:'BPSARR  W ?10,BPSARRAY(BPSARR),!  . K DIC("B")  ;  ; If nothing was selected set BPSARRAY=0  I '$D(BPSARRAY) S BPSARRAY=0  Q  ; | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SEL(FIELD,FILE,BPSARRAY,DEFAULT) ;  ; Provides field selection for One or More  N DIC,DTOUT,DUOUT,QT,Y,X  N BPSARR  ;  S DIC=FILE,DIC(0)="QEZAM",DIC("A")="Select "\_FIELD\_": "  I $G(DEFAULT)'="" S DIC("B")=DEFAULT  ;  F  D ^DIC Q:X=""  D  Q:$G(QT)  . ; Check for "^" or timeout, if found set BPSARRAY="^" and quit.  . I $D(DTOUT)!$D(DUOUT) K BPSARRAY S BPSARRAY="^",QT=1 Q  . ;  . ; If selection already exists in BPSARRAY, then display message  . ; "(already selected)" and prompt for next selection.  . I $D(BPSARRAY(+Y)) W " (already selected)"  . S BPSARRAY(+Y)=$P(Y,"^",2)  . W " ",$P(Y,"^",2),!  . ;  . S DIC("A")="Select "\_FIELD\_": "  . ;  . ; display a list of current selections  . I FIELD="Drug Class" D  . . S BPSARR=""  . . F  S BPSARR=$O(BPSARRAY(BPSARR)) Q:'BPSARR  I BPSARR'=+Y W ?3,$$GET1^DIQ(50.605,BPSARR,1)," ",$$GET1^DIQ(50.605,BPSARR,.01),!  . ;  . I $D(BPSARRAY),FIELD'="Drug Class" D  . . S BPSARR="" F  S BPSARR=$O(BPSARRAY(BPSARR)) Q:'BPSARR  W ?10,BPSARRAY(BPSARR),!  . K DIC("B")  ;  ; If nothing was selected set BPSARRAY=0  I '$D(BPSARRAY) S BPSARRAY=0  Q  ; | | | | |

In the Drug, Drug Class and Patient filter prompts remove the logic that returns the user to the menu if no selection was made.

| Subroutine Name | **SELDRG1^BPSRPT3A** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| SELDRG1() ;  ;  ; Allow user to select a single or multiple DRUGS.  ;  ; The users selection is stored in BPARR("DRUG") separated by a comma.  ; BPARR("DRUG")=drug ien1,drug ien2  ; DRG1 ;  N BPARR,BPSIEN,BPSDRGARR  S BPARR("DRUG")=""  ;  ; The SEL tag prompts user to 'Select Drug' and validates the selection against the DRUG file.  D SEL("Drug","^PSDRUG(",.BPSDRGARR)  ;  ; If the user entered "^" quit, no longer prompting the user to 'Select Drug'  I $G(BPSDRGARR)="^" Q "^"  ;  ; If no drug was selected, return "^" so the user will return to the menu  I $G(BPSDRGARR)=0 Q "^"  ;  M BPARR("DRUG")=BPSDRGARR  ;  ; Creates a string of all the drug ien's selected separated by a comma.  S BPSIEN=""  F  S BPSIEN=$O(BPARR("DRUG",BPSIEN)) Q:BPSIEN=""  D  . I BPARR("DRUG")'="" S BPARR("DRUG")=BPARR("DRUG")\_","  . S BPARR("DRUG")=BPARR("DRUG")\_BPSIEN  . Q  ;  Q BPARR("DRUG") | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SELDRG1() ;  ;  ; Allow user to select a single or multiple DRUGS.  ;  ; The users selection is stored in BPARR("DRUG") separated by a comma.  ; BPARR("DRUG")=drug ien1,drug ien2  ; DRG1 ;  N BPARR,BPSIEN,BPSDRGARR  S BPARR("DRUG")=""  ;  ; The SEL tag prompts user to 'Select Drug' and validates the selection against the DRUG file.  D SEL("Drug","^PSDRUG(",.BPSDRGARR)  ;  ; If the user entered "^" quit, no longer prompting the user to 'Select Drug'  I $G(BPSDRGARR)="^" Q "^"  ;  ; If no drug was selected, return "0~~^~~" so the user will returned to the Drug or Drug Class or All prompt.~~to the menu~~  I $G(BPSDRGARR)=0 Q 0~~"^"~~  ;  M BPARR("DRUG")=BPSDRGARR  ;  ; Creates a string of all the drug ien's selected separated by a comma.  S BPSIEN=""  F  S BPSIEN=$O(BPARR("DRUG",BPSIEN)) Q:BPSIEN=""  D  . I BPARR("DRUG")'="" S BPARR("DRUG")=BPARR("DRUG")\_","  . S BPARR("DRUG")=BPARR("DRUG")\_BPSIEN  . Q  ;  Q BPARR("DRUG") | | | | |

| Subroutine Name | **SELDC^BPSRPT3A** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| SELDC() ;  ;  ; Allow user to select a single or multiple DRUG CLASSes,  ;  ; The users selection is stored in BPARR("DRUG CLASS") separated by a semi colon.  ; BPARR("DRUG CLASS")=dc name ien ; dc name ien  ; DRGCL ;  N BPARR,BPSIEN,BPSDCARR  S BPARR("DRUG CLASS")=""  ;  ; The SEL tag prompts user and validates the selection against the DRUG CLASS file.  D SEL("Drug Class","^PS(50.605,",.BPSDCARR)  ;  ; If the user entered "^" quit, no longer prompting the user to 'Select Drug Class'  I $G(BPSDCARR)="^" Q "^"  ;  ; If no drug was selected, return "^" so the user will return to the menu  I $G(BPSDCARR)=0 Q "^"  ;  M BPARR("DRUG CLASS")=BPSDCARR  ;  ; Creates a string of all the drug class ien's selected separated by a comma.   S BPSIEN=""  F  S BPSIEN=$O(BPARR("DRUG CLASS",BPSIEN)) Q:BPSIEN=""  D  . I BPARR("DRUG CLASS")'="" S BPARR("DRUG CLASS")=BPARR("DRUG CLASS")\_";"  . S BPARR("DRUG CLASS")=BPARR("DRUG CLASS")\_$$GET1^DIQ(50.605,BPSIEN,1)  . Q  ;  Q BPARR("DRUG CLASS") | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SELDC() ;  ;  ; Allow user to select a single or multiple DRUG CLASSes,  ;  ; The users selection is stored in BPARR("DRUG CLASS") separated by a semi colon.  ; BPARR("DRUG CLASS")=dc name ien ; dc name ien  ; DRGCL ;  N BPARR,BPSIEN,BPSDCARR  S BPARR("DRUG CLASS")=""  ;  ; The SEL tag prompts user and validates the selection against the DRUG CLASS file.  D SEL("Drug Class","^PS(50.605,",.BPSDCARR)  ;  ; If the user entered "^" quit, no longer prompting the user to 'Select Drug Class'  I $G(BPSDCARR)="^" Q "^"  ;  ; If no drug was selected, return "0~~^~~" so the user will returned to the Drug or Drug Class or All prompt.~~to the menu~~  I $G(BPSDCARR)=0 Q 0~~"^"~~  ;  M BPARR("DRUG CLASS")=BPSDCARR  ;  ; Creates a string of all the drug class ien's selected separated by a comma.   S BPSIEN=""  F  S BPSIEN=$O(BPARR("DRUG CLASS",BPSIEN)) Q:BPSIEN=""  D  . I BPARR("DRUG CLASS")'="" S BPARR("DRUG CLASS")=BPARR("DRUG CLASS")\_";"  . S BPARR("DRUG CLASS")=BPARR("DRUG CLASS")\_$$GET1^DIQ(50.605,BPSIEN,1)  . Q  ;  Q BPARR("DRUG CLASS") | | | | |

| Subroutine Name | **SELPAT^BPSRPT3A** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| SELPAT() ;  ; Allow user to select a single or multiple PATIENT(s).  ;  ; If the users selected one or more PATIENTs, the selection will be stored  ; in BPARR("PATIENT")separated by a comma. e.g. BPARR("PATIENT")= patient ien1 , patient ien2  ; BPPAT ;  N DIR,DIRUT,DTOUT,DUOUT,X,Y  N BPARR,BPSARRAY,BPSIEN  ;  S BPARR("PATIENT")=""  ;  ; The SEL tag prompts user to 'Select Patient' and validates the selection against the PATIENT file.  D SEL("Patient","^DPT(",.BPSARRAY)  ;  ; If the user entered "^" quit, no longer prompting the user to 'Select Patient'  I $G(BPSARRAY)="^" Q "^"  ;  ; If no Patient was selected, return "^" so the user will return to the menu   I $G(BPSARRAY)=0 Q "^"  ;  M BPARR("PATIENT")=BPSARRAY  ;  ; Creates a string of all the patient ien's selected separated by a comma.  S BPSIEN=""  F  S BPSIEN=$O(BPARR("PATIENT",BPSIEN)) Q:BPSIEN=""  D  . I BPARR("PATIENT")'="" S BPARR("PATIENT")=BPARR("PATIENT")\_","  . S BPARR("PATIENT")=BPARR("PATIENT")\_BPSIEN  . Q  ;  Q BPARR("PATIENT") | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SELPAT() ;  ; Allow user to select a single or multiple PATIENT(s).  ;  ; If the users selected one or more PATIENTs, the selection will be stored  ; in BPARR("PATIENT")separated by a comma. e.g. BPARR("PATIENT")= patient ien1 , patient ien2  ; BPPAT ;  N DIR,DIRUT,DTOUT,DUOUT,X,Y  N BPARR,BPSARRAY,BPSIEN  ;  S BPARR("PATIENT")=""  ;  ; The SEL tag prompts user to 'Select Patient' and validates the selection against the PATIENT file.  D SEL("Patient","^DPT(",.BPSARRAY)  ;  ; If the user entered "^" quit, no longer prompting the user to 'Select Patient'  I $G(BPSARRAY)="^" Q "^"  ;  ; If no Patient was selected, return the user to 'Display Selected (P)atient or (A)LL'~~"^" so the user will return to the menu~~   I $G(BPSARRAY)=0 Q 0~~"^"~~  ;  M BPARR("PATIENT")=BPSARRAY  ;  ; Creates a string of all the patient ien's selected separated by a comma.  S BPSIEN=""  F  S BPSIEN=$O(BPARR("PATIENT",BPSIEN)) Q:BPSIEN=""  D  . I BPARR("PATIENT")'="" S BPARR("PATIENT")=BPARR("PATIENT")\_","  . S BPARR("PATIENT")=BPARR("PATIENT")\_BPSIEN  . Q  ;  Q BPARR("PATIENT") | | | | |

Modify the subroutine to allow the user to select one, multiple or all Closed Claim Reasons. Multiple selections will be returned in a string separated by a comma.

| Subroutine Name | **SELCCRSN^BPSRPT4** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ; Select to Include (S)pecific Close Claim Reason or (A)ll  ;  ; Input Variable -> DFLT = 1 Specific CLAIMS TRACKING NON-BILLABLE REASONS  ; 0 All Reasons  ;  ; Return Value -> ptr = pointer to CLAIMS TRACKING NON-BILLABLE REASONS (#356.8)  ; 0 = All Reasons  ; ^ = Exit  ;  SELCCRSN(DFLT) N DIC,DIR,DIRUT,DUOUT,RSN,X,Y  ;  S DFLT=$S($G(DFLT)=1:"Specific Close Claim Reason",1:"ALL")  S DIR(0)="S^S:Specific Close Claim Reason;A:ALL"  S DIR("A")="Include (S)pecific Close Claim Reason or (A)LL",DIR("B")=DFLT  D ^DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^"  S RSN=$S(Y="S":1,Y="A":0,1:Y)  ;  ;Check for "^" or timeout  I ($G(DUOUT)=1)!($G(DTOUT)=1) S (RSN,Y)="^"  ;  ;If Specific Reject Code selected, ask prompt  I $G(RSN)=1 D  .;  .;Prompt for entry  .K X S DIC(0)="QEAM",DIC=356.8,DIC("A")="Select Close Claim Reason: "  .W ! D ^DIC  .;  .;Check for "^", timeout, or blank entry  .I ($G(DUOUT)=1)!($G(DTOUT)=1)!($G(X)="") S (RSN,Y)="^" Q  .;  .;If valid entry, setup RSN  .I +Y>0 S RSN=+Y  ;  Q RSN | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ; Select to Include (S)pecific Close Claim Reason or (A)ll  ;  ; Input Variable -> DFLT = 1 Specific CLAIMS TRACKING NON-BILLABLE REASONS  ; 0 All Reasons  ;  ; Return Value -> 0 = All Reasons  ; ^ = Exit  ; ptr,ptr = comma delimited string of pointers to CLAIMS  ; TRACKING NON-BILLABLE REASONS (#356.8)  ;  SELCCRSN(DFLT) ;~~N DIC,DIR,DIRUT,DUOUT,RSN,X,Y~~  N ARR,BPSARRAY,BPSCCR,DIC,DIR,DIRUT,DTOUT,DUOUT,RSN,X,Y  ;  S DFLT=$S($G(DFLT)=1:"Specific Close Claim Reason",1:"ALL")  S DIR(0)="S^S:Specific Close Claim Reason;A:ALL"  S DIR("A")="Include (S)pecific Close Claim Reason or (A)LL",DIR("B")=DFLT  D ^DIR  ~~I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^"~~  ~~S RSN=$S(Y="S":1,Y="A":0,1:Y)~~  ~~;~~  ~~;Check for "^" or timeout~~  ~~I ($G(DUOUT)=1)!($G(DTOUT)=1) S (RSN,Y)="^"~~  ~~;~~  ~~;If Specific Reject Code selected, ask prompt~~  ~~I $G(RSN)=1 D~~  ~~.;~~  ~~.;Prompt for entry~~  ~~.K X S DIC(0)="QEAM",DIC=356.8,DIC("A")="Select Close Claim Reason: "~~  ~~.W ! D ^DIC~~  ~~.;~~  ~~.;Check for "^", timeout, or blank entry~~  ~~.I ($G(DUOUT)=1)!($G(DTOUT)=1)!($G(X)="") S (RSN,Y)="^" Q~~  ~~.;~~  ~~.;If valid entry, setup RSN~~  ~~.I +Y>0 S RSN=+Y~~  ~~;~~  ~~Q RSN~~  ;   ; ALL - BPSCCR=0 / Specific Close Claim Reason - BPSCCR=1  S BPSCCR=$S(Y="S":1,Y="A":0,1:Y)  ;  ;If "^" was entered or there was a Timeout, return "^"  I ($G(DUOUT)=1)!($G(DTOUT)=1) S (RSN,Y)="^"  ;  Q:BPSCCR'=1 BPSCCR  W !  ;  N DIC,DIRUT,DTOUT,DUOUT,X,Y  ;  BPSCCR ;  ;User selected (S)pecific Close Claim Reason, allow user to select one or multiple reasons.  S DIC(0)="QEAM",DIC=356.8,DIC("A")="Select Close Claim Reason: "   F  D ^DIC Q:X=""  D  Q:$G(BPSARRAY)="^"  . ; Check for "^" or a timeout, if found set BPSARRAY="^" and quit.  . I $D(DUOUT)!$D(DTOUT)!($D(DIRUT)) S BPSARRAY="^" Q  . ;  . ; Add selection to BPSARRAY and display close claim reason.  . S BPSARRAY(+Y)=$P(Y,U,2)  . W " ",$P(Y,"^",2),!   . ;  . ; Display a list of current selections.  . S ARR="" F  S ARR=$O(BPSARRAY(ARR)) Q:'ARR  W ?10,BPSARRAY(ARR),!  ;  ; If BPSARRAY="^" quit and return "^".  I $G(BPSARRAY)="^" Q "^"   ;  ; If nothing was selected quit and return "".  I '$D(BPSARRAY) Q ""  ;  ; If nothing was selected, re-prompt for selection.  I '$D(BPSARRAY) G BPSCCR  ;  ; Create a comma delimited string BPSCCR that contains the selected close claim reason ien's.  S BPSCCR=""  S ARR="" F  S ARR=$O(BPSARRAY(ARR)) Q:'ARR  S BPSCCR=BPSCCR\_ARR\_","  ;  Q BPSCCR  ; | | | | |

Modify the subroutine to allow for multiple user selections and for Drug, Eligibility, Closed Claim Reason and Patient. The Fill Type, Fill Location, Drug Class and Billed Amount were modified as part of US572 and don’t require any additional changes. This subroutine loops through the BPS TRANSACTION file and checks to see if the transaction meets the criteria that the user selected.

| Subroutine Name | **PROCESS^BPSRPT1** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| PROCESS(BP59) ;   N BPBILLED,BPBCK,BPBCKX,BPDFN,BPREF,BPPAYBL,BPPLAN,BPREJ,BPRLSDT,BPRX,BPRXDRG,BPSTATUS,BPSEQ,BPSTOP  ;  ...  ;  ;If Totals by Date, include only rejects and payables  I BPRTYPE=6,BPSTATUS'["REJECTED",BPSTATUS'["PAYABLE" G XPROC  ; Reversed  ;  ;Realtime/Backbill/PRO Option/Resubmission Check  S BPBCK=$$RTBCK(BP59)  ;  ; BPBCK = 1 Backbill / 2 PRO / 5 Resub / 0 Realtime  ; BPRTBCK = 3 Backbill / 4 PRO / 5 Resub / 2 Realtime  ;  S BPBCKX=$S(BPBCK=1:3,BPBCK=2:4,BPBCK=5:5,BPBCK=0:2,1:"") ;convert to BPRTBCK value  ;  ; If user doesn't want all transmission types (BPRTBCK'=1),  ; then figure out if this transaction is OK  I BPRTBCK'=1,BPRTBCK'[BPBCKX G XPROC  ;  ;Check for MAIL/WINDOW/CMOP/ALL  I BPMWC'="A",BPMWC'[$$MWC^BPSRPT6(BPRX,BPREF) G XPROC  ;  ;Check for selected insurance  S BPPLAN=$$INSNAM^BPSRPT6(BP59)  I BPINSINF'=0,'$$CHKINS^BPSSCRCU($P(BPPLAN,U,1),BPINSINF) G XPROC  S BPPLAN=$P(BPPLAN,U,2)  ;  ;Check for selected drug  S BPRXDRG=$$GETDRUG^BPSRPT6(BPRX)  I BPRXDRG=0 G XPROC  I BPDRUG,BPDRUG'[BPRXDRG G XPROC  ;  ;Check for selected drug classes  I BPDRGCL'=0 S BPRXDC=$$DRGCLNAM^BPSRPT6($$GETDRGCL^BPSRPT6(BPRXDRG),99) D  I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:$L(BPDRGCL,";") I BPRXDC=$P(BPDRGCL,";",I) S BPSTOP=1 Q  ;  ;Check for selected Close Reason  I BPCCRSN,BPCCRSN'=$P($$CLRSN^BPSRPT7(BP59),U) G XPROC  ;  ;Check for Accepted/Rejected  I BPACREJ=1,BPSTATUS'["REJECTED" G XPROC  I BPACREJ=2,BPSTATUS'["ACCEPTED" G XPROC  ;  ;Check for Specific Reject Code  I BPREJCD'=0 D  I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:($L(BPREJCD,",")-1) I $$CKREJ(BP59,$P(BPREJCD,",",I)) S BPSTOP=1 Q  ;   ;Check for Eligibility Code  I BPELIG'=0,BPELIG'=$$ELIGCODE^BPSSCR05(BP59) G XPROC  ;  ;Check for Eligibility Codes, when one or more is selected (BPELIG1=1)  I (",2,")[BPRTYPE,BPELIG1’=0 S ELIG=$$ELIGCODE^BPSSCR05(BP59) I ‘$D(BPELIG1(ELIG)) G XPROC  ;  ;Check for selected Prescribers  I BPRESC’=0 D I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:$L(BPRESC,",")-1 I $$CKPRESC(BP59,$P(BPRESC,",",I)) S BPSTOP=1 Q  ;  ;Check for selected Patients   I BPQSTPAT'=0,$G(BPPAT)'="" D  I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:$L(BPPAT,",") I $P(BPPAT,I)[$$GET1^DIQ(9002313.59,BP59,5,"I") S BPSTOP=1 Q  ;  ; Check for Billed Amount  I $G(BPBILL)’=0 S BPBILLED=$$GET1^DIQ(9002313.59,BP59,505) I (BPBILLED<BPMIN)!(BPBILLED>BPMAX) G XPROC  ;   ;Check Open/Closed claim  I BPOPCL'=0,((BPOPCL=2)&($$CLOSED02^BPSSCR03($P(^BPST(BP59,0),U,4))=1))!((BPOPCL=1)&($$CLOSED02^BPSSCR03($P(^BPST(BP59,0),U,4))'=1)) G XPROC  ;  ;Save Entry for Report  D SETTMP^BPSRPT2(BPGLTMP,BPDFN,BPRX,BPREF,BP59,BPBEGDT,BPENDDT,.BPPHARM,BPSUMDET,BPPLAN,BPRLSDT,BPPAYBL,BPREJ,BPRXDRG,$P(BPSTATUS,U))  ; XPROC Q | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| PROCESS(BP59) ;   N BPBILLED,BPBCK,BPBCKX,BPDFN,BPREF,BPPAYBL,BPPLAN,BPREJ,BPRLSDT,BPRX,BPRXDRG,BPSTATUS,BPSEQ,BPSTOP  ;  ...   ;  ;If Totals by Date, include only rejects and payables  I BPRTYPE=6,BPSTATUS'["REJECTED",BPSTATUS'["PAYABLE" G XPROC  ; Reversed  ;  ;Realtime/Backbill/PRO Option/Resubmission Check  S BPBCK=$$RTBCK(BP59)  ;  ; BPBCK = 1 Backbill / 2 PRO / 5 Resub / 0 Realtime  ; BPRTBCK = 3 Backbill / 4 PRO / 5 Resub / 2 Realtime  ;  S BPBCKX=$S(BPBCK=1:3,BPBCK=2:4,BPBCK=5:5,BPBCK=0:2,1:"") ;convert to BPRTBCK value  ;  ; If user doesn't want all transmission types (BPRTBCK'=1),  ; then figure out if this transaction is OK  I BPRTBCK'=1,BPRTBCK'[BPBCKX G XPROC  ;  ;Check for MAIL/WINDOW/CMOP/ALL  I BPMWC'="A",BPMWC'[$$MWC^BPSRPT6(BPRX,BPREF) G XPROC  ;  ;Check for selected insurance  S BPPLAN=$$INSNAM^BPSRPT6(BP59)  I BPINSINF'=0,'$$CHKINS^BPSSCRCU($P(BPPLAN,U,1),BPINSINF) G XPROC  S BPPLAN=$P(BPPLAN,U,2)  ;  ;Check for selected drug  S BPRXDRG=$$GETDRUG^BPSRPT6(BPRX)  I BPRXDRG=0 G XPROC  ~~I BPDRUG,BPDRUG'[BPRXDRG G XPROC~~   I BPDRUG D  I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:$L(BPDRUG,",") I BPRXDRG=$P(BPDRUG,",",I) S BPSTOP=1 Q  ;  ;Check for selected drug classes  I BPDRGCL'=0 S BPRXDC=$$DRGCLNAM^BPSRPT6($$GETDRGCL^BPSRPT6(BPRXDRG),99) D  I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:$L(BPDRGCL,";") I BPRXDC=$P(BPDRGCL,";",I) S BPSTOP=1 Q  ;  ;Check for selected Close Reason  I BPCCRSN D I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:$L(BPCCRSN,",")-1 I $P(BPCCRSN,",",I)=$P($$CLRSN^BPSRPT7(BP59),U) S BPSTOP=1 Q   ;  ;Check for Accepted/Rejected  I BPACREJ=1,BPSTATUS'["REJECTED" G XPROC  I BPACREJ=2,BPSTATUS'["ACCEPTED" G XPROC  ;  ;Check for Specific Reject Code  I BPREJCD'=0 D  I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:($L(BPREJCD,",")-1) I $$CKREJ(BP59,$P(BPREJCD,",",I)) S BPSTOP=1 Q  ;  ;;Check for Eligibility Code  ;;I BPELIG'=0,BPELIG'=$$ELIGCODE^BPSSCR05(BP59) G XPROC  ;  ;Check for Eligibility Codes, when one or more is selected (BPELIG1=1)  I (",1,2,3,4,7,9,")[BPRTYPE,BPELIG1’=0 S ELIG=$$ELIGCODE^BPSSCR05(BP59) G:$G(ELIG)="" XPROC I '$D(BPELIG1(ELIG)) G XPROC  ;  ;Check for selected Prescribers  I BPRESC’="^",BPRESC’=1 D I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:$L(BPRESC,",")-1 I $$CKPRESC(BP59,$P(BPRESC,",",I)) S BPSTOP=1 Q  ;  ;Check for selected Patients   I BPQSTPAT'=0,$G(BPPAT)'="" D  I BPSTOP=0 G XPROC  . S BPSTOP=0  . F I=1:1:$L(BPPAT,",") I $P(BPPAT,I)~~[~~=$$GET1^DIQ(9002313.59,BP59,5,"I") S BPSTOP=1 Q  ;  ; Check for Billed Amount  I $G(BPBILL)’=0 S BPBILLED=$$GET1^DIQ(9002313.59,BP59,505) I (BPBILLED<BPMIN)!(BPBILLED>BPMAX) G XPROC  ;   ;Check Open/Closed claim  I BPOPCL'=0,((BPOPCL=2)&($$CLOSED02^BPSSCR03($P(^BPST(BP59,0),U,4))=1))!((BPOPCL=1)&($$CLOSED02^BPSSCR03($P(^BPST(BP59,0),U,4))'=1)) G XPROC  ;  ;Save Entry for Report  D SETTMP^BPSRPT2(BPGLTMP,BPDFN,BPRX,BPREF,BP59,BPBEGDT,BPENDDT,.BPPHARM,BPSUMDET,BPPLAN,BPRLSDT,BPPAYBL,BPREJ,BPRXDRG,$P(BPSTATUS,U))  ; XPROC Q | | | | |

Two subroutines will need to be modified for the Non-Billable Status Report to check to see if the transaction meets the criteria that the user selected. $$COLLECT^BPSRPT1 will be modified to send additional fields from the new prompts added to $$COLLECT^IBNCPEV3 where the criteria will be checked.

| Subroutine Name | **$$COLLECT^BPSRPT1** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| COLLECT(BPGLTMP) N BP02,BP57,BP59,BPENDDT1,BPLDT02,BPLDT57,X,Y,OK,BPIX  ;  ;Check Variables  S OK=1  S:'$G(BPBEGDT) BPBEGDT=0  S:'$G(BPENDDT) BPENDDT=9999999  S BPENDDT=BPENDDT+0.9  I $G(BPRTYPE)=""!($G(BPGLTMP)="")!($G(BPPHARM)="")!($G(BPSUMDET)="")!($G(BPINSINF)="")!($G(BPMWC)="")!($G(BPRTBCK)="") S OK=-1 G EXIT  ;  ; For the Non-Billable Status report, we need to loop through the IB NCPDP EVENT LOG instead  ; of BPS Claim/BPS Transaction data  I BPRTYPE=9 Q $$COLLECT^IBNCPEV3(BPBEGDT,BPENDDT,BPMWC,BPRLNRL,BPDRUG,BPDRGCL,BPALRC,.BPPHARM,.BPINSINF,.BPNBSTS,.BPELIG1,BPGLTMP)  ;  ;Loop through BPS CLAIMS  ;  ;First look for fill/refill cross reference  ;Loop through Date of Service Index in BPS CLAIMS file and find link to  ;claim in BPS TRANSACTION. Process earliest Date of Service entry found in  ;BPS TRANSACTION  ;  ;Choose Index to Loop through (different for Closed Claims)  S BPIX="AF" S:BPRTYPE=7 BPIX="AG"  ;  S BPLDT02=$S(BPIX="AF":$$FM2YMD(BPBEGDT-0.00001),1:BPBEGDT) S:BPLDT02="" BPLDT02=0  S BPENDDT1=$S(BPIX="AF":$$FM2YMD(BPENDDT),1:BPENDDT\_".9999999999") S:BPENDDT1="" BPENDDT1=99999999  F S BPLDT02=+$O(^BPSC(BPIX,BPLDT02)) Q:BPLDT02=0!(BPLDT02>BPENDDT1) D  . S BP02=0 F S BP02=$O(^BPSC(BPIX,BPLDT02,BP02)) Q:+BP02=0 D  . . S BP59=+$O(^BPST("AE",BP02,0))  . . Q:BP59=0  . . I $D(@BPGLTMP@("FILE59",BP59)) Q  . . S @BPGLTMP@("FILE59",BP59)=BPLDT02\_"^02"  . . D PROCESS(BP59)  ;  ;#9002313.59 has only one entry per claim with, which has a date  ; of the latest update for the claim  ;#9002313.57 has more than one entries per claim and keep all  ; changes made the claim  ;so we have to go thru #9002313.57 to find the earliest date  ;related to the claim to check it against BPBEGDT  S BPLDT57=BPBEGDT-0.00001  F S BPLDT57=+$O(^BPSTL("AH",BPLDT57)) Q:BPLDT57=0!(BPLDT57>BPENDDT) D  . S BP57=0 F S BP57=$O(^BPSTL("AH",BPLDT57,BP57)) Q:+BP57=0 D  . . S BP59=+$G(^BPSTL(BP57,0))  . . I $D(@BPGLTMP@("FILE59",BP59)) Q  . . S @BPGLTMP@("FILE59",BP59)=BPLDT57\_"^57"  . . D PROCESS(BP59)  ;  ;Remove Portion of Scratch Global  EXIT K @BPGLTMP@("FILE59")  Q OK | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| COLLECT(BPGLTMP) N BP02,BP57,BP59,BPENDDT1,BPLDT02,BPLDT57,X,Y,OK,BPIX  ;  ;Check Variables  S OK=1  S:'$G(BPBEGDT) BPBEGDT=0  S:'$G(BPENDDT) BPENDDT=9999999  S BPENDDT=BPENDDT+0.9  I $G(BPRTYPE)=""!($G(BPGLTMP)="")!($G(BPPHARM)="")!($G(BPSUMDET)="")!($G(BPINSINF)="")!($G(BPMWC)="")!($G(BPRTBCK)="") S OK=-1 G EXIT  ;  ; For the Non-Billable Status report, we need to loop through the IB NCPDP EVENT LOG instead  ; of BPS Claim/BPS Transaction data  I BPRTYPE=9 Q $$COLLECT^IBNCPEV3(BPBEGDT,BPENDDT,BPMWC,BPRLNRL,BPDRUG,BPDRGCL,BPALRC,.BPPHARM,.BPINSINF,.BPNBSTS,.BPELIG1,BPGLTMP,BPPAT,BPBILL,$G(BPMIN),$G(BPMAX))  ;  ;Loop through BPS CLAIMS  ;  ;First look for fill/refill cross reference  ;Loop through Date of Service Index in BPS CLAIMS file and find link to  ;claim in BPS TRANSACTION. Process earliest Date of Service entry found in  ;BPS TRANSACTION  ;  ;Choose Index to Loop through (different for Closed Claims)  S BPIX="AF" S:BPRTYPE=7 BPIX="AG"  ;  S BPLDT02=$S(BPIX="AF":$$FM2YMD(BPBEGDT-0.00001),1:BPBEGDT) S:BPLDT02="" BPLDT02=0  S BPENDDT1=$S(BPIX="AF":$$FM2YMD(BPENDDT),1:BPENDDT\_".9999999999") S:BPENDDT1="" BPENDDT1=99999999  F S BPLDT02=+$O(^BPSC(BPIX,BPLDT02)) Q:BPLDT02=0!(BPLDT02>BPENDDT1) D  . S BP02=0 F S BP02=$O(^BPSC(BPIX,BPLDT02,BP02)) Q:+BP02=0 D  . . S BP59=+$O(^BPST("AE",BP02,0))  . . Q:BP59=0  . . I $D(@BPGLTMP@("FILE59",BP59)) Q  . . S @BPGLTMP@("FILE59",BP59)=BPLDT02\_"^02"  . . D PROCESS(BP59)  ;  ;#9002313.59 has only one entry per claim with, which has a date  ; of the latest update for the claim  ;#9002313.57 has more than one entries per claim and keep all  ; changes made the claim  ;so we have to go thru #9002313.57 to find the earliest date  ;related to the claim to check it against BPBEGDT  S BPLDT57=BPBEGDT-0.00001  F S BPLDT57=+$O(^BPSTL("AH",BPLDT57)) Q:BPLDT57=0!(BPLDT57>BPENDDT) D  . S BP57=0 F S BP57=$O(^BPSTL("AH",BPLDT57,BP57)) Q:+BP57=0 D  . . S BP59=+$G(^BPSTL(BP57,0))  . . I $D(@BPGLTMP@("FILE59",BP59)) Q  . . S @BPGLTMP@("FILE59",BP59)=BPLDT57\_"^57"  . . D PROCESS(BP59)  ;  ;Remove Portion of Scratch Global  EXIT K @BPGLTMP@("FILE59")  Q OK | | | | |

| Subroutine Name | **$$COLLECT^IBNCPEV3** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| IBNCPEV3 ;ALB/DMB - ECME RXS WITH NON-BILLABLE STATUS ;5/22/08  ;;2.0;INTEGRATED BILLING;\*\*534\*\*;21-MAR-94;Build 18  ;;Per VA Directive 6402, this routine should not be modified.  ;  ; ICR #6131 documents the usage of this entry point by the ECME application  ;  COLLECT(BEGDT,ENDDT,MWC,RELNRL,IBDRUG,DRUGCLS,ALLRCNT,IBPHARM,IBINS,IBNBSTS,IBELIG1,IBGLTMP) ;  ; Compile the data for the new Non-Billable Status report  ; Input:  ; BEGDT - Beginning Date  ; ENDDT - Ending Date  ; MWC - A:All; M:Mail; W:Window; C:CMOP Prescriptions  ; RELNRL - 1:All; 2:Released; 3:Not Released  ; IBDRUG - 0:All; DRUG to report on (ptr to #50)  ; DRUGCLS - 0:All; DRUG CLASS to report on  ; ALLRCNT - A:All; R:Most recent  ; IBPHARM/IBPHARM(ptr) - 0:All pharmacies; 1:Array of IENs of pharmacies  ; IBINS/IBINS(ptr) - 0:All insurances or list of file 36 IENs  ; IBNBSTS/IBNBSTS(x) - 0:All; 1:Array of Non-Billable Status  ; IBELIG1/IBELIG1(x) - 0:All; 1:Array of multiple eligibilities  ; IBGLTMP - Temporary Global Storage (returned with extracted data)  ; Output:  ; 1 - Successful  ; -1 - Unsuccessful  ;  ; Check Parameters  I $G(IBGLTMP)="" Q -1  ;  N DATE,IEN,IEN1,X,X0,X2,X7,DIV,INS,RX,FILL,DRUG,RLDT,ELIG  N DFN,DRGCOST,STATUS  K ^TMP($J)  ;  ; Loop through the IB NCPDP Event Log for the data range  S DATE=BEGDT-.1 F S DATE=$O(^IBCNR(366.14,"B",DATE)) Q:'DATE!(DATE>ENDDT) D  . S IEN="" F S IEN=$O(^IBCNR(366.14,"B",DATE,IEN)) Q:'IEN D  .. S IEN1=0 F S IEN1=$O(^IBCNR(366.14,IEN,1,IEN1)) Q:'IEN1 D  ... S X0=$G(^IBCNR(366.14,IEN,1,IEN1,0))  ... ;  ... ; If not a Billable Status Check, quit  ... I +X0'=1 Q  ... ;  ... ; If successful, quit  ... I $P(X0,"^",7)'=0 Q  ... ;  ... ; Check Non-Status Reason matches user input  ... I IBNBSTS=1,'$D(IBNBSTS(+$P(X0,U,2))) Q  ... ;  ... ; Check Division matches user input  ... S DIV=+$P(X0,U,9)  ... I IBPHARM=1,'$D(IBPHARM(DIV)) Q  ... ;  ... ; Check Insurance matches user input  ... S INS=$$GETINS(IEN,IEN1)  ... I IBINS'=0,'$$CHKINS(IBINS,+INS) Q  ... S INS=$P(INS,"^",2)  ... ;  ... ; Get Rx and Fill  ... S X2=$G(^IBCNR(366.14,IEN,1,IEN1,2))  ... S RX=$P(X2,U,12),FILL=$P(X2,U,3)  ... I 'RX S RX=$P(X2,U,2)  ... I 'RX Q  ... ;  ... ; Check Fill Type matches user input  ... I MWC'="A",MWC'=$$MWC^PSOBPSU2(RX,FILL) Q  ... ;  ... ; Check Drug matches user input  ... S DRUG=$$FILE^IBRXUTL(RX,6,"I")  ... I IBDRUG,IBDRUG'=DRUG Q  ... ;  ... ; Check Drug Class matches user input  ... I DRUGCLS'=0,DRUGCLS'=$$CLSNAME($$DRUGDIE(DRUG,25,"I")) Q  ... ;  ... ; Check Released matches user input  ... S RLDT=$P($$RXRLDT^PSOBPSUT(RX,FILL),".")  ... I RELNRL'=1 Q:RELNRL=2&'RLDT Q:RELNRL=3&RLDT  ... ;  ... ; Check Eligibilities matches user input  ... S X7=$G(^IBCNR(366.14,IEN,1,IEN1,7))  ... S ELIG=$P(X7,U,5)  ... I IBELIG1=1,'$D(IBELIG1(ELIG)) Q  ... ;  ... ; Get Data  ... ; Division, Insurance, Patient Name, SSN, Eligibility, RX, Fill  ... ; Date, Drug Cost, Drug, Released On, Fill Type,  ... ; Status (RX status/Released-Not released)  ... S DFN=+$P(X0,U,3)  ... S DRGCOST=$$COST(RX,FILL)  ... S STATUS=$$RXAPI1^IBNCPUT1(RX,100,"I")  ... ; If most recent, temporary Sort by RX and Fill  ... ; Else store in the global  ... I ALLRCNT="R" S ^TMP($J,"IBNCPEV3",+RX,+FILL,DATE)=DIV\_U\_INS\_U\_DFN\_U\_ELIG\_U\_DRGCOST\_U\_0\_U\_DRUG\_U\_RLDT\_U\_STATUS\_U\_$P(X0,U,2)  ... E S @IBGLTMP@(DIV,INS,+DFN,DATE,+RX,+FILL)=ELIG\_U\_DRGCOST\_U\_0\_U\_DRUG\_U\_RLDT\_U\_STATUS\_U\_$P(X0,U,2)  ;  ; If most recent, get most recent record for each RX and fill and populate the array  I ALLRCNT="R" D  . S RX="" F S RX=$O(^TMP($J,"IBNCPEV3",RX)) Q:'RX D  .. S FILL="" F S FILL=$O(^TMP($J,"IBNCPEV3",RX,FILL)) Q:FILL="" D  ... S DATE=$O(^TMP($J,"IBNCPEV3",RX,FILL,""),-1)  ... S X=$G(^TMP($J,"IBNCPEV3",RX,FILL,DATE)),DIV=$P(X,U,1),INS=$P(X,U,2),DFN=$P(X,U,3)  ... S @IBGLTMP@(DIV,INS,+DFN,DATE,RX,FILL)=$P(X,U,4,10)  . ; Clean up scratch global  . K ^TMP($J,"IBNCPEV3")  Q 1 | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| IBNCPEV3 ;ALB/DMB - ECME RXS WITH NON-BILLABLE STATUS ;5/22/08  ;;2.0;INTEGRATED BILLING;\*\*534,617\*\*;21-MAR-94;Build 18  ;;Per VA Directive 6402, this routine should not be modified.  ;  ; ICR #6131 documents the usage of this entry point by the ECME application  ;  COLLECT(BEGDT,ENDDT,MWC,RELNRL,IBDRUG,DRUGCLS,ALLRCNT,IBPHARM,IBINS,IBNBSTS,IBELIG1,IBGLTMP,IBPAT,IBBILL,IBMIN,IBMAX) ;  ; Compile the data for the new Non-Billable Status report  ; Input:  ; BEGDT - Beginning Date  ; ENDDT - Ending Date  ; MWC - A:All; M:Mail; W:Window; C:CMOP ~~Prescriptions~~, if multiple entries MWC="C,M"  ; RELNRL - 1:All; 2:Released; 3:Not Released  ; IBDRUG - 0:All; DRUG to report on (ptr to #50), if multiple entries IBDRUG=ptr,ptr,...  ; DRUGCLS - 0:All; DRUG CLASS to report on (ptr to #50.5), if multiple entries DRUGCLS=ptr,ptr,...  ; ALLRCNT - A:All; R:Most recent  ; IBPHARM/IBPHARM(ptr) - 0:All pharmacies; 1:Array of IENs of pharmacies  ; IBINS/IBINS(ptr) - 0:All insurances or list of file 36 IENs  ; IBNBSTS/IBNBSTS(x) - 0:All; 1:Array of Non-Billable Status  ; IBELIG1/IBELIG1(x) - 0:All; 1:Array of multiple eligibilities  ; IBGLTMP - Temporary Global Storage (returned with extracted data)   ; IBPAT - 0:All; ptr to #2 PATIENT, IBPAT=ptr,ptr,...  ; IBBILL - 0:All; 1:Range of Billed Amount - then check IBMIN and IBMAX  ; IBMIN=minimum billed amount entered, default is 0  ; IBMAX=maximum billed amount entered, default is 999999  ;  ; Output:  ; 1 - Successful  ; -1 - Unsuccessful  ;  ; Check Parameters  I $G(IBGLTMP)="" Q -1  ;  N DATE,IEN,IEN1,X,X0,X2,X7,DIV,INS,RX,FILL,DRUG,RLDT,ELIG  N DFN,DRGCOST,I,IBDGLCS,IBSTOP,STATUS  K ^TMP($J)  ;  ; Loop through the IB NCPDP Event Log for the data range  S DATE=BEGDT-.1 F S DATE=$O(^IBCNR(366.14,"B",DATE)) Q:'DATE!(DATE>ENDDT) D  . S IEN="" F S IEN=$O(^IBCNR(366.14,"B",DATE,IEN)) Q:'IEN D  .. S IEN1=0 F S IEN1=$O(^IBCNR(366.14,IEN,1,IEN1)) Q:'IEN1 D  ... S X0=$G(^IBCNR(366.14,IEN,1,IEN1,0))  ... ;  ... ; If not a Billable Status Check, quit  ... I +X0'=1 Q  ... ;  ... ; If successful, quit  ... I $P(X0,"^",7)'=0 Q  ... ;  ... ; Check Non-Status Reason matches user input  ... I IBNBSTS=1,'$D(IBNBSTS(+$P(X0,U,2))) Q  ... ;  ... ; Check Division matches user input  ... S DIV=+$P(X0,U,9)  ... I IBPHARM=1,'$D(IBPHARM(DIV)) Q  ... ;  ... ; Check Insurance matches user input  ... S INS=$$GETINS(IEN,IEN1)  ... I IBINS'=0,'$$CHKINS(IBINS,+INS) Q  ... S INS=$P(INS,"^",2)  ... ;  ... ; Get Rx and Fill  ... S X2=$G(^IBCNR(366.14,IEN,1,IEN1,2))  ... S RX=$P(X2,U,12),FILL=$P(X2,U,3)  ... I 'RX S RX=$P(X2,U,2)  ... I 'RX Q  ... ;  ... ; Check Fill Type matches user input  ... I MWC'="A",MWC'=$$MWC^PSOBPSU2(RX,FILL) Q  ... ;  ... ; Check Drug matches user input  ... S DRUG=$$FILE^IBRXUTL(RX,6,"I")  ~~... I IBDRUG,IBDRUG'=DRUG Q~~   ... I IBDRUG D  I IBSTOP=0 Q  .... S IBSTOP=0  .... F I=1:1:$L(IBDRUG,",") I DRUG=$P(IBDRUG,",",I) S IBSTOP=1 Q  ... ;  ... ; Check Drug Class matches user input  ~~... I DRUGCLS'=0,DRUGCLS'=$$CLSNAME($$DRUGDIE(DRUG,25,"I")) Q~~   ... S IBDGCLS=$$CLSNAME^IBNCPEV3($$GETDRGCL^IBNCPEV3(DRUG),99)  ... I DRUGCLS'=0 D  I IBSTOP=0 Q  .... S IBSTOP=0  .... F I=1:1:$L(DRUGCLS,";") I IBDGCLS=$P(DRUGCLS,";",I) S IBSTOP=1 Q  ... ;  ... ; Check Released matches user input  ... S RLDT=$P($$RXRLDT^PSOBPSUT(RX,FILL),".")  ... I RELNRL'=1 Q:RELNRL=2&'RLDT Q:RELNRL=3&RLDT  ... ;  ... ; Check Eligibilities matches user input  ... S X7=$G(^IBCNR(366.14,IEN,1,IEN1,7))  ... S ELIG=$P(X7,U,5)  ... I IBELIG1=1,'$D(IBELIG1(ELIG)) Q  ... ;   ... ; Check Patient(s) matches user input  ... S DFN=+$P(X0,U,3)  ... I IBPAT'=0 D  I IBSTOP=0 Q  .... S IBSTOP=0  .... F I=1:1:$L(IBPAT,",") I $P(IBPAT,",",I)=DFN S IBSTOP=1 Q  ... ;  ... ; Check Drug Cost matches Bill Amount user input  ... S DRGCOST=$$COST(RX,FILL)  ... I IBBILL'=0 I (DRGCOST<$G(IBMIN))!(DRGCOST>$G(IBMAX)) Q  ... ;  ... ; Get Data  ... ; Division, Insurance, Patient Name, SSN, Eligibility, RX, Fill  ... ; Date, Drug Cost, Drug, Released On, Fill Type,  ... ; Status (RX status/Released-Not released)  ~~... S DFN=+$P(X0,U,3)~~  ~~... S DRGCOST=$$COST(RX,FILL)~~  ... S STATUS=$$RXAPI1^IBNCPUT1(RX,100,"I")  ... ; If most recent, temporary Sort by RX and Fill  ... ; Else store in the global  ... I ALLRCNT="R" S ^TMP($J,"IBNCPEV3",+RX,+FILL,DATE)=DIV\_U\_INS\_U\_DFN\_U\_ELIG\_U\_DRGCOST\_U\_0\_U\_DRUG\_U\_RLDT\_U\_STATUS\_U\_$P(X0,U,2)  ... E S @IBGLTMP@(DIV,INS,+DFN,DATE,+RX,+FILL)=ELIG\_U\_DRGCOST\_U\_0\_U\_DRUG\_U\_RLDT\_U\_STATUS\_U\_$P(X0,U,2)  ;  ; If most recent, get most recent record for each RX and fill and populate the array  I ALLRCNT="R" D  . S RX="" F S RX=$O(^TMP($J,"IBNCPEV3",RX)) Q:'RX D  .. S FILL="" F S FILL=$O(^TMP($J,"IBNCPEV3",RX,FILL)) Q:FILL="" D  ... S DATE=$O(^TMP($J,"IBNCPEV3",RX,FILL,""),-1)  ... S X=$G(^TMP($J,"IBNCPEV3",RX,FILL,DATE)),DIV=$P(X,U,1),INS=$P(X,U,2),DFN=$P(X,U,3)  ... S @IBGLTMP@(DIV,INS,+DFN,DATE,RX,FILL)=$P(X,U,4,10)  . ; Clean up scratch global  . K ^TMP($J,"IBNCPEV3")  Q 1 | | | | |

| Subroutine Name | **CLSNAME^IBNCPEV3** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| CLSNAME(CLASS) ;  ; Get Drug Class Name  I $G(CLASS)="" Q ""  K ^TMP($J,"IBPEV-CLASS")  N Y,IEN  S Y=""  D C^PSN50P65(CLASS,"","IBPEV-CLASS")  S IEN=$O(^TMP($J,"IBPEV-CLASS",0))  I IEN]"" S Y=$G(^TMP($J,"IBPEV-CLASS",IEN,1))  K ^TMP($J,"IBPEV-CLASS")  Q Y | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| CLSNAME(CLASS,IBLEN) ;  ; Get Drug Class Name  I $G(CLASS)="" Q ""  K ^TMP($J,"IBPEV-CLASS")  N Y,IEN  S Y=""  D C^PSN50P65(CLASS,"","IBPEV-CLASS")  S IEN=$O(^TMP($J,"IBPEV-CLASS",0))  I IEN]"" S Y=$E($G(^TMP($J,"IBPEV-CLASS",IEN,1)),1,IBLEN)  K ^TMP($J,"IBPEV-CLASS")  Q Y | | | | |

A new subroutine was added to handle checking the Drug Class criteria for multiple selections. These subroutines are modeled after subroutines from BPSRPT6.

| Subroutine Name | **GETDRGCL^IBNCPEV3** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| N/A - new routine | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ;Get VA DRUG CLASS pointer  ;   ; Input Variables: BP50 - ptr to DRUG (#50)  ;  ; Return Value -> n = ptr to VA DRUG CLASS (#50.605)  ; 0 = Unknown  ; GETDRGCL(BP50) Q $$DRUGDIE(BP50,25)  ; | | | | |

The report header will need to be modified to display the value of ALL or SELECTED for the following labels: Insurance, Drugs/Classes, Patient Name. The label Close Reason will be modified for the Closed Claims Reports to display the value of ALL or SELECTED.

| Subroutine Name | **HDR^BPSRPT7** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| BPSRPT7 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,3,5,7,8,10,11,19,20,23\*\*;JUN 2004;Build 27    ...   ;Print Report Header  ; Input variables (passed in) – BPRTYPE -> number of report  ; - BPRPTNAM -> report name  ; - BPPAGE -> report page number  ; Input variables (defined in BPSRPT0) - BPPHARM,BPSUMDET,BPNOW,BPMWC,BPRTBCK,BPINSINF  ; BPREJCD,BPCCRSN,BPAUTREV,BPACREJ,BPQSTDRG  ; BPDRUG,BPDRGCL,BPRESC,BPOPCL,BPRLNRL  ; BPSORT,BPBEGDT,BPENDDT  ; Output variable - BPSDATA -> Reset to 0 to show no actual data has been printed  ; on the screen  ; BPPAGE -> First set in BPSRPT0, report page number  ; BPBLINE -> Controls whether to print a blank line  ;  HDR(BPRTYPE,BPRPTNAM,BPPAGE) ;  ;Display Excel Header  I BPEXCEL D HDR^BPSRPT8(BPRTYPE) Q  ;  ; Define BPPDATA - Tells whether data has been displayed for a screen  S BPSDATA=0  S BPBLINE=""  S BPPAGE=$G(BPPAGE)+1  W @IOF  W "ECME "\_BPRPTNAM\_" "\_$S(BPSUMDET=1:"SUMMARY",1:"DETAIL")\_" REPORT"  I (",2,")'[BPRTYPE D  . W ?89,"Print Date: "\_$G(BPNOW)\_" Page:",$J(BPPAGE,3)  . W !,"DIVISION(S): ",$$GETDIVS^BPSRPT4(72,.BPPHARM)  . W ?86,"Fill Locations: "\_$S(BPMWC="A":"C,M,W",1:BPMWC)  ;  I (",2,")[BPRTYPE D  . W ?87,"Print Date: "\_$G(BPNOW)\_" Page:",$J(BPPAGE,3)  . W !,"DIVISION(S): ",$$GETDIVS^BPSRPT4(72,.BPPHARM)  . W ?84,"Fill Locations: "\_$S(BPMWC="A":"C,M,W",1:BPMWC)  . W ?110,"Fill Type: "  . I BPRTBCK=1 W "RT,BB,P2,RS" Q  . F I=1:1:$L(BPRTBCK,",") W:I'=1 "," S RTBCKX=$P(BPRTBCK,",",I) W $S(RTBCKX=2:"RT",RTBCKX=3:"BB",RTBCKX=4:"P2",RTBCKX=5:"RS",1:"")  ;  I (",2,9,")'[BPRTYPE W ?110,"Fill type: "\_$S(BPRTBCK=2:"RT",BPRTBCK=3:"BB",BPRTBCK=4:"P2",BPRTBCK=5:"RS",1:"RT,BB,P2,RS")  ;  I (",2,")[BPRTYPE W !,"Insurance: "\_$S(BPINSINF=0:"ALL",1:"SELECTED")  I (",2,")'[BPRTYPE W !,"Insurance: "\_$S(BPINSINF=0:"ALL",1:$$BPINS(BPINSINF))  ;  I (",7,")[BPRTYPE W ?44,"Close Reason: ",$E($$GETCLR^BPSRPT6(BPCCRSN),1,26)  I (",4,")[BPRTYPE W ?44,$J($S(BPAUTREV=0:"ALL",1:"AUTO"),4)," Reversals"  I (",4,")[BPRTYPE W ?60,$J($S(BPACREJ=1:"REJECTED",BPACREJ=2:"ACCEPTED",1:"ALL"),8)," Returned Status"  ;  I (",2,")'[BPRTYPE W ?87,"Drugs/Classes: "\_$S(BPQSTDRG=2:$$DRGNAM^BPSRPT6(BPDRUG,30),BPQSTDRG=3:$E(BPDRGCL,1,30),1:"ALL")  I (",2,")[BPRTYPE D  . W ?85,"Drugs/Classes: "\_$S(BPQSTDRG'=1:"SELECTED",1:"ALL")  . W !,"Reject Code: ",$S(BPREJCD'=0:"SELECTED",1:"ALL")  . W ?87,"Eligibility: " D  . . I BPELIG1=0 W "CVA,TRI,VET" Q  . . S (ABVELIG,LIST,N)="" F  S N=$O(BPELIG1(N)) Q:N=""  D  . . . S ABVELIG=$S(N="C":"CVA",N="T":"TRI",N="V":"VET",1:""),LIST=LIST\_$G(ABVELIG)\_","  . . W $E(LIST,1,$L(LIST)-1)  . W ?113,"Open/Closed: ",$S(BPOPCL=1:"CLOSED",BPOPCL=2:"OPEN",1:"ALL")  . W !,"Prescriber: ",$S(BPRESC'=0:"SELECTED",1:"ALL")  . W ?91,"Patient: ",$S(BPQSTPAT'=0:"SELECTED",1:"ALL")  ;  I (",1,4,7,")[BPRTYPE W !,"Eligibility: ",$S(BPELIG="V":"VET",BPELIG="T":"TRI",BPELIG="C":"CVA",1:"ALL")  ;  I (",9,")[BPRTYPE D  . W !,"Eligibilities: ",$S(BPELIG1=0:"ALL",1:$$ELIG(.BPELIG1))  . W !,"NON-BILLABLE STATUS: "\_$S(BPNBSTS=0:"ALL",1:$$NBSTS(.BPNBSTS))  ;  W !,$S(BPRTYPE=5:"PRESCRIPTIONS",BPRLNRL=2:"RELEASED PRESCRIPTIONS",BPRLNRL=3:"PRESCRIPTIONS (NOT RELEASED)",1:"ALL PRESCRIPTIONS")  W " BY "\_$S(BPRTYPE=7:"CLOSE",1:"TRANSACTION")\_" DATE: "  W "From "\_$$DATTIM^BPSRPT1(BPBEGDT)\_" through "\_$$DATTIM^BPSRPT1($P(BPENDDT,"."))  ;  D ULINE^BPSRPT5("=") Q:$G(BPQ)  D HEADLN1^BPSRPT4(BPRTYPE)  D HEADLN2^BPSRPT4(BPRTYPE)  D HEADLN3^BPSRPT4(BPRTYPE)  D ULINE^BPSRPT5("=")  ;  ;Print Division  I $G(BPDIV)]"" D  .W !,"DIVISION: ",$S(BPDIV=0:"BLANK",BPDIV="ALL DIVISIONS":"ALL DIVISIONS",$$DIVNAME^BPSSCRDS(BPDIV)]"":$$DIVNAME^BPSSCRDS(BPDIV),1:BPDIV)  .I BPRTYPE=5!(BPRTYPE=6)!(BPSUMDET=1)!(BPGRPLAN="") D ULINE^BPSRPT5("-")  ;  ;Print Insurance If Defined  I BPSUMDET=0,$G(BPGRPLAN)]"",$G(BPGRPLAN)'=0,$G(BPGRPLAN)'="~" D WRPLAN^BPSRPT5(BPGRPLAN)  Q | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| BPSRPT7 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,3,5,7,8,10,11,19,20,23,24\*\*;JUN 2004;Build 27    ...   ;Print Report Header  ; Input variables (passed in) – BPRTYPE -> number of report  ; - BPRPTNAM -> report name  ; - BPPAGE -> report page number  ; Input variables (defined in BPSRPT0) - BPPHARM,BPSUMDET,BPNOW,BPMWC,BPRTBCK,BPINSINF  ; BPREJCD,BPCCRSN,BPAUTREV,BPACREJ,BPQSTDRG  ; BPDRUG,BPDRGCL,BPRESC,BPOPCL,BPRLNRL  ; BPSORT,BPBEGDT,BPENDDT  ; Output variable - BPSDATA -> Reset to 0 to show no actual data has been printed  ; on the screen  ; BPPAGE -> First set in BPSRPT0, report page number  ; BPBLINE -> Controls whether to print a blank line  ;  HDR(BPRTYPE,BPRPTNAM,BPPAGE) ;  ;Display Excel Header  I BPEXCEL D HDR^BPSRPT8(BPRTYPE) Q  ;  ; Define BPPDATA - Tells whether data has been displayed for a screen  S BPSDATA=0  S BPBLINE=""  S BPPAGE=$G(BPPAGE)+1  W @IOF  W "ECME "\_BPRPTNAM\_" "\_$S(BPSUMDET=1:"SUMMARY",1:"DETAIL")\_" REPORT"  W ?89,"Print Date: "\_$G(BPNOW)\_" Page:",$J(BPPAGE,3)  W !,"DIVISION(S): ",$$GETDIVS^BPSRPT4(72,.BPPHARM)  W ?86,"Fill Locations: "\_$S(BPMWC="A":"C,M,W",1:BPMWC)   ;  I (",2,")[BPRTYPE D  . W ?87,"Print Date: "\_$G(BPNOW)\_" Page:",$J(BPPAGE,3)  . W !,"DIVISION(S): ",$$GETDIVS^BPSRPT4(72,.BPPHARM)  . W ?84,"Fill Locations: "\_$S(BPMWC="A":"C,M,W",1:BPMWC) ~~. W ?110,"Fill Type: "  . I BPRTBCK=1 W "RT,BB,P2,RS" Q  . F I=1:1:$L(BPRTBCK,",") W:I'=1 "," S RTBCKX=$P(BPRTBCK,",",I) W $S(RTBCKX=2:"RT",RTBCKX=3:"BB",RTBCKX=4:"P2",RTBCKX=5:"RS",1:"")~~ ~~;  I (",2,9,")'[BPRTYPE W ?110,"Fill type: "\_$S(BPRTBCK=2:"RT",BPRTBCK=3:"BB",BPRTBCK=4:"P2",BPRTBCK=5:"RS",1:"RT,BB,P2,RS")  ;  I (",2,")[BPRTYPE W !,"Insurance: "\_$S(BPINSINF=0:"ALL",1:"SELECTED")  I (",2,")'[BPRTYPE W !,"Insurance: "\_$S(BPINSINF=0:"ALL",1:$$BPINS(BPINSINF))~~   ;  I (",1,2,3,4,7,")[BPRTYPE D  . W ?110,"Fill Type: "  . I BPRTBCK=1 W "RT,BB,P2,RS" Q  . F I=1:1:$L(BPRTBCK,",") W:I'=1 "," S RTBCKX=$P(BPRTBCK,",",I) W $S(RTBCKX=2:"RT",RTBCKX=3:"BB",RTBCKX=4:"P2",RTBCKX=5:"RS",1:"")  ;  I (",1,2,3,4,7,9,")[BPRTYPE W !,"Insurance: "\_$S(BPINSINF=0:"ALL",1:"SELECTED")  ;  I (",5,6,8,")[BPRTYPE D  . W ?110,"Fill type: "\_$S(BPRTBCK=2:"RT",BPRTBCK=3:"BB",BPRTBCK=4:"P2",BPRTBCK=5:"RS",1:"RT,BB,P2,RS")  . W !,"Insurance: "\_$S(BPINSINF=0:"ALL",1:$$BPINS(BPINSINF))  ;   I (",7,")[BPRTYPE W ?44,"Close Reason: ",$S(BPCCRSN’=0:"SELECTED",1:"ALL")  I (",4,")[BPRTYPE D  . W ?44,$J($S(BPAUTREV=0:"ALL",1:"AUTO"),4)," Reversals" ~~I (",4,")[BPRTYPE~~ . W ?60,$J($S(BPACREJ=1:"REJECTED",BPACREJ=2:"ACCEPTED",1:"ALL"),8)," Returned Status"  ;  I ("~~,2~~,5,6,8,")~~’~~[BPRTYPE W ?87,"Drugs/Classes: "\_$S(BPQSTDRG=1:"ALL",BPQSTDRG=2:$$DRGNAM^BPSRPT6(BPDRUG,30),BPQSTDRG=3:$E(BPDRGCL,1,30),1:"ALL")   I (",1,2,3,4,7,9,")[BPRTYPE ~~D .~~W ?85,"Drugs/Classes: "\_$S(BPQSTDRG’=1:"SELECTED",1:"ALL")  I (",2,")[BPRTYPE D  . W !,"Reject Code: ",$S(BPREJCD’=0:"SELECTED",1:"ALL")   . W ?87,"Eligibility: " D  . . I BPELIG1=0 W "ALL" Q  . . S (ABVELIG,LIST,N)="" F  S N=$O(BPELIG1(N)) Q:N=""  D  . . . S ABVELIG=$S(N="C":"CVA",N="T":"TRI",N="V":"VET",1:"ALL"),LIST=LIST\_$G(ABVELIG)\_","  . . W $E(LIST,1,$L(LIST)-1)  . W ?113,"Open/Closed: ",$S(BPOPCL=1:"CLOSED",BPOPCL=2:"OPEN",1:"ALL")  . W !,"Prescriber: ",$S(BPRESC’=1:"SELECTED",1:"ALL")   . W ?91,"Patient: ",$S(BPQSTPAT'=0:"SELECTED",1:"ALL")  ;  I (",1,3,4,7,9,")[BPRTYPE D   . W "Eligibility: " D  . . I BPELIG1=0 W "CVA,TRI,VET" Q ; ALL was selected  . . S (ABVELIG,LIST,N)="" F  S N=$O(BPELIG1(N)) Q:N=""  D  . . . S ABVELIG=$S(N="C":"CVA",N="T":"TRI",N="V":"VET",1:""),LIST=LIST\_$G(ABVELIG)\_","  . . W $E(LIST,1,$L(LIST)-1)   . W ?91,"Patient: ",$S(BPQSTPAT'=0:"SELECTED",1:"ALL")  ;  ~~I (",1,4,7,")[BPRTYPE W !,"Eligibility: ",$S(BPELIG="V":"VET",BPELIG="T":"TRI",BPELIG="C":"CVA",1:"ALL")~~  I (",9,")[BPRTYPE ~~D  . W !,"Eligibilities: ",$S(BPELIG1=0:"ALL",1:$$ELIG(.BPELIG1))  .~~ W !,"NON-BILLABLE STATUS: "\_$S(BPNBSTS=0:"ALL",1:$$NBSTS(.BPNBSTS))  ;  W !,$S(BPRTYPE=5:"PRESCRIPTIONS",BPRLNRL=2:"RELEASED PRESCRIPTIONS",BPRLNRL=3:"PRESCRIPTIONS (NOT RELEASED)",1:"ALL PRESCRIPTIONS")  W " BY "\_$S(BPRTYPE=7:"CLOSE",1:"TRANSACTION")\_" DATE: "  W "From "\_$$DATTIM^BPSRPT1(BPBEGDT)\_" through "\_$$DATTIM^BPSRPT1($P(BPENDDT,"."))  ;  D ULINE^BPSRPT5("=") Q:$G(BPQ)  D HEADLN1^BPSRPT4(BPRTYPE)  D HEADLN2^BPSRPT4(BPRTYPE)  D HEADLN3^BPSRPT4(BPRTYPE)  D ULINE^BPSRPT5("=")  ;  ;Print Division  I $G(BPDIV)]"" D  .W !,"DIVISION: ",$S(BPDIV=0:"BLANK",BPDIV="ALL DIVISIONS":"ALL DIVISIONS",$$DIVNAME^BPSSCRDS(BPDIV)]"":$$DIVNAME^BPSSCRDS(BPDIV),1:BPDIV)  .I BPRTYPE=5!(BPRTYPE=6)!(BPSUMDET=1)!(BPGRPLAN="") D ULINE^BPSRPT5("-")  ;  ;Print Insurance If Defined  I BPSUMDET=0,$G(BPGRPLAN)]"",$G(BPGRPLAN)'=0,$G(BPGRPLAN)'="~" D WRPLAN^BPSRPT5(BPGRPLAN)  Q | | | | |

Add eligibility to the column heading after COB and the data for the Claims Submitted, Not Yet Released Report.

| Subroutine Name | **HEADLN2^BPSRPT4** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ;Print Header 2 Line 2  ;  ; Input variable: BPRTYPE -> Report Type (1-9)  ;  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 ?120,"BILL#",?129,"COB"  ;  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,"PRESCRIBER ID"  . W ?98,"NAME"  ;  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 ?27,"GROUP ID"  . W ?46,"CLOSE DATE/TIME"  . W ?65,"CLOSED BY"  . W ?93,"CLOSE REASON"  . W ?126,"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 | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ;Print Header 2 Line 2  ;  ; Input variable: BPRTYPE -> Report Type (1-9)  ;  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 ?120,"BILL#",?129,"COB"  ;  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,"PRESCRIBER ID"  . W ?98,"NAME"  ;  I BPRTYPE=3 D  Q  . W !,?4,"DRUG"  . W ?43,"NDC"  . W ?68,"RX INFO"  . W ?88,"COB"   . W ?96,"ELIG"  ;  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 ?27,"GROUP ID"  . W ?46,"CLOSE DATE/TIME"  . W ?65,"CLOSED BY"  . W ?93,"CLOSE REASON"  . W ?126,"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 | | | | |

| Subroutine Name | **WRLINE2^BPSRPT5** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ;Print Report Line 2 WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPEXCEL,BPICNT,BPPSEQ) ;  ;Excel Output  N BPSX  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,$$GETNDC^BPSRPT6(BPRX,BPREF)  . S BPSX=$$PRESCIN^BPSRPT6($P(BPX,U,3))  . W ?82,$P(BPSX,U),?98,$P(BPSX,U,2)  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 | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ;Print Report Line 2 WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPEXCEL,BPICNT,BPPSEQ) ;  ;Excel Output  N BPSX  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,$$GETNDC^BPSRPT6(BPRX,BPREF)  . S BPSX=$$PRESCIN^BPSRPT6($P(BPX,U,3))  . W ?82,$P(BPSX,U),?98,$P(BPSX,U,2)  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,$$RXCOB^BPSRPT8(BPPSEQ)   . N ELGCD S ELGCD=$$ELIGCODE^BPSSCR05($P(BPX,U,3))  . W ?96,$S(ELGCD="V":"VET",ELGCD="T":"TRI",ELGCD="C":"CVA",1:"UNK")  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 | | | | |

For the Closed Claim Report, add information about instructions about fields that will be included in the Excel document but not displayed on the report. This information will be added prior to the ‘Do you want to capture report data for an Excel document?’ prompt.

| Subroutine Name | **SELEXCEL^BPSRPT4** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| SELEXCEL() ; - Returns whether to capture data for Excel report.  ; Output: EXCEL = 1 - YES (capture data) / 0 - NO (DO NOT capture data)  ;  N EXCEL,DIR,DIRUT,DTOUT,DUOUT,DIROUT  I ",1,2,3,4,"[(","\_BPRTYPE\_",") D  . W !!,"Data fields VA Ingredient Cost, VA Dispensing Fee, Ingredient Cost Paid,",!  . W "Dispensing Fee Paid and Patient Responsibility (INS) will only be included",!  . W "when the report is captured for an Excel document. All additional data fields",!  . W "may not be present for all reports."  S DIR(0)="Y",DIR("B")="NO",DIR("T")=DTIME W !  S DIR("A")="Do you want to capture report data for an Excel document"  S DIR("?")="^D HEXC^BPSRPT4"  D ^DIR K DIR I $D(DIRUT)!$D(DTOUT)!$D(DUOUT)!$D(DIROUT) Q "^"  K DIROUT,DTOUT,DUOUT,DIRUT  S EXCEL=0 I Y S EXCEL=1  ;  ;Display Excel display message  I EXCEL=1 D EXMSG  ;  Q EXCEL | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SELEXCEL() ; - Returns whether to capture data for Excel report.  ; Output: EXCEL = 1 - YES (capture data) / 0 - NO (DO NOT capture data)  ;  N EXCEL,DIR,DIRUT,DTOUT,DUOUT,DIROUT  I ",1,2,3,4,"[(","\_BPRTYPE\_",") D  . W !!,"Data fields VA Ingredient Cost, VA Dispensing Fee, Ingredient Cost Paid,",!  . W "Dispensing Fee Paid and Patient Responsibility (INS) will only be included",!  . W "when the report is captured for an Excel document. All additional data fields",!  . W "may not be present for all reports."  I BPRTYPE=7 D  . W !!,"Data field for billed amount will only be included when the report is captured",!  . W "for an Excel document. All additional data fields may not be present for all",!  . W "reports."  ;  S DIR(0)="Y",DIR("B")="NO",DIR("T")=DTIME W !  S DIR("A")="Do you want to capture report data for an Excel document"  S DIR("?")="^D HEXC^BPSRPT4"  D ^DIR K DIR I $D(DIRUT)!$D(DTOUT)!$D(DUOUT)!$D(DIROUT) Q "^"  K DIROUT,DTOUT,DUOUT,DIRUT  S EXCEL=0 I Y S EXCEL=1  ;  ;Display Excel display message  I EXCEL=1 D EXMSG  ;  Q EXCEL | | | | |

Modify the instructions for capturing to Excel.

| Subroutine Name | **EXMSG^BPSRPT4** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ;Display the message about capturing to an Excel file format  ;  EXMSG ;  I (",2,")’[BPRTYPE D  . W !!?5,"Before continuing, please set up your terminal to capture the"  . W !?5,"detail report data. On some terminals, this can be done by"  . W !?5,"clicking on the 'Tools' menu above, then click on 'Capture"  . W !?5,"Incoming Data' to save to Desktop. This report may take a"  . W !?5,"while to run."  . W !!?5,"Note: To avoid undesired wrapping of the data saved to the"  . W !?5," file, please enter '0;256;999' at the 'DEVICE:' prompt.",!  E D  . W !!?5,"Before continuing, please set up your terminal to capture the"  . W !?5,"detail report data and save the detail report data in a text file"  . W !?5,"to a local drive. This report may take a while to run."  . W !!?5,"Note: To avoid undesired wrapping of the data saved to the file,"  . W !?11,"please enter '0;256;99999' at the 'DEVICE:' prompt.",!  Q | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ;Display the message about capturing to an Excel file format  ;  EXMSG ;  I (",1,2,3,4,7,9,")’[BPRTYPE D  . W !!?5,"Before continuing, please set up your terminal to capture the"  . W !?5,"detail report data. On some terminals, this can be done by"  . W !?5,"clicking on the 'Tools' menu above, then click on 'Capture"  . W !?5,"Incoming Data' to save to Desktop. This report may take a"  . W !?5,"while to run."  . W !!?5,"Note: To avoid undesired wrapping of the data saved to the"  . W !?5," file, please enter '0;256;999' at the 'DEVICE:' prompt.",!  E D  . W !!?5,"Before continuing, please set up your terminal to capture the"  . W !?5,"detail report data and save the detail report data in a text file"  . W !?5,"to a local drive. This report may take a while to run."  . W !!?5,"Note: To avoid undesired wrapping of the data saved to the file,"  . W !?11,"please enter '0;256;99999' at the 'DEVICE:' prompt.",!  Q | | | | |

Modify the Excel Header to abbreviate column headings and add/remove some column headings.

| Subroutine Name | **HDR^BPSRPT8** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ;Print Excel Header  ; HDR(BPRTYPE) ;  ;  ;Check if header already printed  I $G(BPSDATA) Q  S BPSDATA=1  ;  ;Division  W !,"DIVISION",U  ;  I BPRTYPE'=5,BPRTYPE'=6 W "INSURANCE",U  I (",2,")[BPRTYPE W "BIN",U  ;  I (",1,3,4,5,7,8,9,")[BPRTYPE W "PATIENT NAME",U,"Pt.ID",U  ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . W "ELIGIBILITY",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "VA INGREDIENT COST",U  . W "VA DISPENSING FEE",U  . W "$BILLED",U  . W "INGREDIENT COST PAID",U  . W "DISPENSING FEE PAID",U  . W "PATIENT RESP (INS)",U  . W "$INS RESPONSE",U  . W "$COLLECT",U  . W "DRUG",U  . W "NDC",U  . W "RELEASED ON",U  . W "FILL LOCATION",U  . W "FILL TYPE",U  . W "STATUS",U  . I BPRTYPE=4 W "RX COB",U  . W "REJECTED"  . I BPRTYPE=1 W U,"BILL#",U,"RX COB"  . I BPRTYPE=4 W U,"REVERSAL METHOD",U,"RETURN STATUS",U,"REASON"  ;  I BPRTYPE=2 D  Q  . W "PATIENT",U  . W "Pt.ID",U  . W "ELIG",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "RELEASED",U  . W "LOCATION",U  . W "TYPE",U  . W "STATUS",U  . W "COB",U  . W "OPEN/CLOSED",U  . W "GROUP ID",U  . W "VA ING. COST",U  . W "VA DISP. FEE",U  . W "$BILLED",U  . W "QTY",U  . W "NDC#",U  . W "DRUG",U  . W "PRESCRIBER ID",U  . W "PRESCRIBER",U  . W "MULT REJ",U  . W "REJECT CODE",U  . W "REJECT EXPLANATION"  ;  I BPRTYPE=3 D  Q  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "VA INGREDIENT COST",U  . W "VA DISPENSING FEE",U  . W "$BILLED",U  . W "INGREDIENT COST PAID",U  . W "DISPENSING FEE PAID",U  . W "PATIENT RESP (INS)",U  . W "$INS RESPONSE",U  . W "DRUG",U  . W "NDC",U  . W "FILL LOCATION",U  . W "FILL TYPE",U  . W "STATUS",U  . W "RX COB",U  . W "REJECTED"  ;  I BPRTYPE=5 D  Q  . W "RX#",U  . W "REF/ECME#",U  . W "COMPLETED",U  . W "TRANS TYPE",U  . W "PAYER RESPONSE",U  . W "RX COB",U  . W "DRUG",U  . W "NDC",U  . W "FILL LOCATION",U  . W "FILL TYPE",U  . W "STATUS",U  . W "REJECTED",U  . W "INSURANCE",U  . W "ELAP TIME IN SECONDS"  ;  I BPRTYPE=6 D  Q  .W "DATE",U  .W "#CLAIMS",U  .W "AMOUNT SUBMITTED",U  .W "RETURNED REJECTED",U  .W "RETURNED PAYABLE",U  .W "AMOUNT TO RECEIVE",U  .W "DIFFERENCE"  ;  I BPRTYPE=7 D  Q  . W "ELIGIBILITY",U  . W "RX#",U  . W "REF/ECME#",U  . W "FILL LOCATION",U  . W "FILL TYPE",U  . W "STATUS",U  . W "REJECTED",U  . W "DRUG",U  . W "NDC",U  . W "CARDHOLD.ID",U  . W "GROUP ID",U  . W "$BILLED",U  . W "CLOSE DATE/TIME",U  . W "CLOSED BY",U  . W "CLOSE REASON",U  . W "CLAIM ID",U  . W "REJECT CODE(S)",U  . W "REJECT CODE",U  . W "REJECT EXPLANATION"  ;  I BPRTYPE=8 D  Q  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "$BILLED",U  . W "$INS RESPONSE",U  . W "$COLLECT",U  . W "DRUG",U  . W "RX INFO",U  . W "INS GROUP#",U  . W "INS GROUP NAME",U  . W "BILL#",U  . W "$PROVIDER NETWORK",U  . W "$BRAND DRUG",U  . W "$NON-PREF FORM",U  . W "$BRAND NON-PREF FORM",U  . W "$COVERAGE GAP",U  . W "$HEALTH ASST",U  . W "$SPEND ACCT REMAINING",U  ;  I BPRTYPE=9 D  Q  . W "ELIGIBILITY",U  . W "RX#",U  . W "REF",U  . W "DATE",U  . W "$DRUG COST",U  . W "DRUG",U  . W "NDC",U  . W "RELEASED ON",U  . W "FILL LOCATION",U  . W "STATUS",U  . W "NON-BILLABLE STATUS REASON"  Q | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ;Print Excel Header  ; HDR(BPRTYPE) ;  ;  ;Check if header already printed  I $G(BPSDATA) Q  S BPSDATA=1  ;  ;Division  W !,"DIVISION",U  ;  I BPRTYPE'=5,BPRTYPE'=6 W "INSURANCE",U  I (",2,")[BPRTYPE W "BIN",U  ;  I ("~~,1,3,4,~~5,~~7,~~8,~~9,~~")[BPRTYPE W "PATIENT NAME",U,"Pt.ID",U  I (",1,2,3,4,7,9,")[BPRTYPE W "PATIENT",U,"Pt.ID",U  ;  ~~;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . W "ELIGIBILITY",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "VA INGREDIENT COST",U  . W "VA DISPENSING FEE",U  . W "$BILLED",U  . W "INGREDIENT COST PAID",U  . W "DISPENSING FEE PAID",U  . W "PATIENT RESP (INS)",U  . W "$INS RESPONSE",U  . W "$COLLECT",U  . W "DRUG",U  . W "NDC",U  . W "RELEASED ON",U  . W "FILL LOCATION",U  . W "FILL TYPE",U  . W "STATUS",U  . I BPRTYPE=4 W "RX COB",U  . W "REJECTED"  . I BPRTYPE=1 W U,"BILL#",U,"RX COB"  . I BPRTYPE=4 W U,"REVERSAL METHOD",U,"RETURN STATUS",U,"REASON"~~  I BPRTYPE=1 D Q  . W "ELIG",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "VA ING. COST",U  . W "VA DISP. FEE",U  . W "$BILLED",U  . W "INGREDIENT COST PAID",U  . W "DISPENSING FEE PAID",U  . W "PATIENT RESP (INS)",U  . W "$INS RESPONSE",U  . W "$COLLECT",U  . W "DRUG",U  . W "NDC",U  . W "RELEASED",U  . W "LOCATION",U  . W "TYPE",U  . W "STATUS",U  . W "REJECTED",U  . W "BILL#",U  . W "COB"  ;  I BPRTYPE=4 D Q  . W "ELIG",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "VA ING. COST",U  . W "VA DISP. FEE",U  . W "$BILLED",U  . W "ING. COST PAID",U  . W "DIS. FEE PAID",U  . W "PATIENT RESP (INS)",U  . W "$INS RESPONSE",U  . W "$COLLECT",U  . W "DRUG",U  . W "NDC",U  . W "RELEASED",U  . W "LOCATION",U  . W "TYPE",U  . W "STATUS",U  . W "COB",U  . W "REJECTED",U  . W "REVERSAL METHOD",U  . W "RETURN STATUS",U  . W "REASON"   ;  I BPRTYPE=2 D  Q ~~. W "PATIENT",U  . W "Pt.ID",U~~  . W "ELIG",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "RELEASED",U  . W "LOCATION",U  . W "TYPE",U  . W "STATUS",U  . W "COB",U  . W "OPEN/CLOSED",U  . W "GROUP ID",U  . W "VA ING. COST",U  . W "VA DISP. FEE",U  . W "$BILLED",U  . W "QTY",U  . W "NDC#",U  . W "DRUG",U  . W "PRESCRIBER ID",U  . W "PRESCRIBER",U  . W "MULT REJ",U  . W "REJECT CODE",U  . W "REJECT EXPLANATION"  ;  I BPRTYPE=3 D  Q  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "VA ING.~~REDIENT~~ COST",U  . W "VA DIS.~~PENSING~~ FEE",U  . W "$BILLED",U  . W "INGREDIENT COST PAID",U  . W "DISPENSING FEE PAID",U  . W "PATIENT RESP (INS)",U  . W "$INS RESPONSE",U  . W "DRUG",U  . W "NDC",U  . W "~~FILL~~ LOCATION",U  . W "~~FILL~~ TYPE",U  . W "STATUS",U  . W "~~RX~~ COB",U  . W "ELIG",U  . W "REJECTED"  ;  I BPRTYPE=5 D  Q  . W "RX#",U  . W "REF/ECME#",U  . W "COMPLETED",U  . W "TRANS TYPE",U  . W "PAYER RESPONSE",U  . W "RX COB",U  . W "DRUG",U  . W "NDC",U  . W "FILL LOCATION",U  . W "FILL TYPE",U  . W "STATUS",U  . W "REJECTED",U  . W "INSURANCE",U  . W "ELAP TIME IN SECONDS"  ;  I BPRTYPE=6 D  Q  .W "DATE",U  .W "#CLAIMS",U  .W "AMOUNT SUBMITTED",U  .W "RETURNED REJECTED",U  .W "RETURNED PAYABLE",U  .W "AMOUNT TO RECEIVE",U  .W "DIFFERENCE"  ;  I BPRTYPE=7 D  Q  . W "ELIG~~IBILITY~~",U  . W "RX#",U  . W "REF/ECME#",U  . W "~~FILL~~ LOCATION",U  . W "~~FILL~~ TYPE",U  . W "STATUS",U  . W "REJECTED",U  . W "DRUG",U  . W "NDC",U  ~~. W "CARDHOLD.ID",U~~  . W "GROUP ID",U  . W "$BILLED",U  . W "CLOSE DATE/TIME",U  . W "CLOSED BY",U  . W "CLOSE REASON",U  . W "CLAIM ID",U ~~. W "REJECT CODE(S)",U~~  . W "MULT REJ",U . W "REJECT CODE",U  . W "REJECT EXPLANATION"  ;  I BPRTYPE=8 D  Q  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "$BILLED",U  . W "$INS RESPONSE",U  . W "$COLLECT",U  . W "DRUG",U  . W "RX INFO",U  . W "INS GROUP#",U  . W "INS GROUP NAME",U  . W "BILL#",U  . W "$PROVIDER NETWORK",U  . W "$BRAND DRUG",U  . W "$NON-PREF FORM",U  . W "$BRAND NON-PREF FORM",U  . W "$COVERAGE GAP",U  . W "$HEALTH ASST",U  . W "$SPEND ACCT REMAINING",U  ;  I BPRTYPE=9 D  Q  . W "ELIG~~IBILITY~~",U  . W "RX#",U  . W "REF",U  . W "DATE",U  . W "$DRUG COST",U  . W "DRUG",U  . W "NDC",U  . W "RELEASED ON",U  . W "~~FILL~~ LOCATION",U  . W "STATUS",U  . W "NON-BILLABLE STATUS REASON"  Q | | | | |

Modify the Excel Header to abbreviate column headings and add/remove some column headings.

Modify the Excel output truncating some data fields, adding and removing other column headings. For several of the reports limit the line length to 255 characters to avoid wrapping of the lines of data in the Excel format.

| Subroutine Name | **WRLINE1^BPSRPT8** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ;Routine to Display the Reports in Excel  ;  ;Print Report Line 1  ;  ; Input Variable -> BPRTYPE,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT  ; BPBIL,BPINS,BPCOLL  ;  WRLINE1(BPRTYPE,BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPPSEQ) ;  ;  N BP59,BP02,BP03  S BP59=$P(BPX,U,3)  S BP02=+$P($G(^BPST(BP59,0)),U,4)  S BP03=+$P($G(^BPST(BP59,0)),U,5)  ;Division  I (",2,")'[BPRTYPE S BPREC=$S(BPDIV=0:"BLANK",$$DIVNAME^BPSSCRDS(BPDIV)]"":$$DIVNAME^BPSSCRDS(BPDIV),1:BPDIV)\_U  I (",2,")[BPRTYPE S BPREC=$S(BPDIV=0:"BLANK",$$DIVNAME^BPSSCRDS(BPDIV)]"":$E($$DIVNAME^BPSSCRDS(BPDIV),1,12),1:$E(BPDIV,1,12))\_U  ;  ;Insurance  I BPRTYPE'=5,BPRTYPE'=6,BPRTYPE'=2 S BPREC=BPREC\_$E(BPGRPLAN,1,90)\_U  ;  I (",2")[BPRTYPE D  . S BPREC=BPREC\_$E(BPGRPLAN,1,21)\_U ;Insurance  . S BPREC=BPREC\_$$INSBIN^BPSRPT6(BP59)\_U ;BIN  . S BPREC=BPREC\_$E($$PATNAME^BPSRPT6(BPDFN),1,13)\_U  ;Patient Name  . S BPREC=BPREC\_$$SSN4^BPSRPT6(BPDFN)\_U ;L4SSN  ;  I (",2,")'[BPRTYPE D  . S BPREC=BPREC\_$$PATNAME^BPSRPT6(BPDFN)\_U  ;Patient Name  . S BPREC=BPREC\_"("\_$$SSN4^BPSRPT6(BPDFN)\_")"\_U ;L4SSN  ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . N PTRESP  . S BPREC=BPREC\_$$ELIGCODE^BPSSCR05($P(BPX,U,3))\_U ;Eligibility  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U  ;Date  . S BPREC=BPREC\_$$INGRCST^BPSSCRLG(BP02)\_U  ;Ingredient Cost  . S BPREC=BPREC\_$$DISPFEE^BPSSCRLG(BP02)\_U  ;Dispensing Fee  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$$ICPAID^BPSSCRLG(BP03)\_U  ;Ingredient Cost Paid  . S BPREC=BPREC\_$$DFPAID^BPSSCRLG(BP03)\_U  ;Dispensing Fee Paid  . S PTRESP=$$PTRESP^BPSSCRLG(BP03) S BPREC=BPREC\_$S('PTRESP:PTRESP,1:"-"\_PTRESP)\_U  ;Patient Pay Amount  . S BPREC=BPREC\_$TR($J(BPINS,10,2)," ")\_U ;$Ins. Paid  . S BPREC=BPREC\_$S(BPCOLL]"":$TR($J(BPCOLL,10,2)," "),1:"")\_U ;$Collected  ;  I BPRTYPE=2 D  Q  . S BPREC=BPREC\_$$ELIGCODE^BPSSCR05($P(BPX,U,3))\_U ;Eligibility  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U ;Date  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(+BPX)\_U  ;Released On  . ;RX INFO  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U  ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$$RXCOB($G(BPPSEQ))\_U  . S BPREC=BPREC\_$S($$CLOSED02^BPSSCR03($P(^BPST($P(BPX,U,3),0),U,4))=1:"C",1:"O")\_U ;Open/Closed  ;  I BPRTYPE=3 D  Q  . N PTRESP  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U ;Date  . S BPREC=BPREC\_$$INGRCST^BPSSCRLG(BP02)\_U  ;Ingredient Cost  . S BPREC=BPREC\_$$DISPFEE^BPSSCRLG(BP02)\_U  ;Dispensing Fee  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$$ICPAID^BPSSCRLG(BP03)\_U  ;Ingredient Cost Paid  . S BPREC=BPREC\_$$DFPAID^BPSSCRLG(BP03)\_U  ;Dispensing Fee Paid  . S PTRESP=$$PTRESP^BPSSCRLG(BP03) S BPREC=BPREC\_$S('PTRESP:PTRESP,1:"-"\_PTRESP)\_U  ;Patient Pay Amount  . S BPREC=BPREC\_$TR($J(BPINS,10,2)," ")\_U ;Insurance Response  ;  I BPRTYPE=5 D  Q  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1($$TRANDT^BPSRPT2($P(BPX,U,3),1))\_U ;Completed  . S BPREC=BPREC\_$$TTYPE^BPSRPT7($P(BPX,U,4),$P(BPX,U,5),BPPSEQ)\_U ;Trans Type  . S BPREC=BPREC\_$$RESPONSE^BPSRPT7($P(BPX,U,4),$P(BPX,U,5),BPPSEQ)\_U ;Payer Response  . S BPREC=BPREC\_$$RXCOB($G(BPPSEQ))\_U ;RX COB  ;  I BPRTYPE=7 D  Q  . ;RX INFO  . S BPREC=BPREC\_$$ELIGCODE^BPSSCR05($P(BPX,U,3))\_U ;Eligibility  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$S($P(BPX,U,13):"REJ",1:"")\_U  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),32)\_U ;Drug  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U  ;  I (BPRTYPE=8) D  Q  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U  ;Date  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$TR($J(BPINS,10,2)," ")\_U ;$Ins. Paid  . S BPREC=BPREC\_$S(BPCOLL]"":$TR($J(BPCOLL,10,2)," "),1:"")\_U ;$Collected  ;  I BPRTYPE=9 D  Q  . N ELGCD S ELGCD=$P(BPX,U,1)  . S BPREC=BPREC\_$S(ELGCD="V":"VET",ELGCD="T":"TRI",ELGCD="C":"CVA",1:"UNK")\_U  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_U                      ;Refill  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U  ;Date  . S BPREC=BPREC\_$S($P(BPX,U,2)]"":$TR($J($P(BPX,U,2),10,2)," "),1:"")\_U ;$Drug Cost  Q | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ;Routine to Display the Reports in Excel  ;  ;Print Report Line 1  ;  ; Input Variable -> BPRTYPE,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT  ; BPBIL,BPINS,BPCOLL  ;  WRLINE1(BPRTYPE,BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPPSEQ) ;  ;  N BP59,BP02,BP03,BPREC2  S BP59=$P(BPX,U,3)  S BP02=+$P($G(^BPST(BP59,0)),U,4)  S BP03=+$P($G(^BPST(BP59,0)),U,5)  ;Division  I ("~~,2~~,5,6,8,")~~'~~[BPRTYPE S BPREC=$S(BPDIV=0:"BLANK",$$DIVNAME^BPSSCRDS(BPDIV)]"":$$DIVNAME^BPSSCRDS(BPDIV),1:BPDIV)\_U  I (",1,2,3,4,7,9,")[BPRTYPE S BPREC=$S(BPDIV=0:"BLANK",$$DIVNAME^BPSSCRDS(BPDIV)]"":$E($$DIVNAME^BPSSCRDS(BPDIV),1,12),1:$E(BPDIV,1,12))\_U  ;  ;Insurance  I ~~BPRTYPE'=5,BPRTYPE'=6,BPRTYPE'=2~~BPRTYPE=8 S BPREC=BPREC\_$E(BPGRPLAN,1,90)\_U  ;  I (",1,2,3,4,7,9,")[BPRTYPE D  . S BPREC=BPREC\_$E(BPGRPLAN,1,21)\_U ;Insurance  . I BPRTYPE=2 S BPREC=BPREC\_$$INSBIN^BPSRPT6(BP59)\_U ;BIN  . S BPREC=BPREC\_$E($$PATNAME^BPSRPT6(BPDFN),1,13)\_U  ;Patient Name  . S BPREC=BPREC\_$$SSN4^BPSRPT6(BPDFN)\_U ;L4SSN  ;  I (",~~2~~5,6,8,")~~'~~[BPRTYPE D  . S BPREC=BPREC\_$$PATNAME^BPSRPT6(BPDFN)\_U  ;Patient Name  . S BPREC=BPREC\_"("\_$$SSN4^BPSRPT6(BPDFN)\_")"\_U ;L4SSN  ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . N PTRESP  . S BPREC=BPREC\_$$ELIGCODE^BPSSCR05($P(BPX,U,3))\_U ;Eligibility  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U  ;Date  . S BPREC=BPREC\_$$INGRCST^BPSSCRLG(BP02)\_U  ;Ingredient Cost  . S BPREC=BPREC\_$$DISPFEE^BPSSCRLG(BP02)\_U  ;Dispensing Fee  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$$ICPAID^BPSSCRLG(BP03)\_U  ;Ingredient Cost Paid  . S BPREC=BPREC\_$$DFPAID^BPSSCRLG(BP03)\_U  ;Dispensing Fee Paid  . S PTRESP=$$PTRESP^BPSSCRLG(BP03) S BPREC=BPREC\_$S('PTRESP:PTRESP,1:"-"\_PTRESP)\_U  ;Patient Pay Amount  . S BPREC=BPREC\_$TR($J(BPINS,10,2)," ")\_U ;$Ins. Paid  . S BPREC=BPREC\_$S(BPCOLL]"":$TR($J(BPCOLL,10,2)," "),1:"")\_U ;$Collected  ;  I BPRTYPE=2 D  Q  . S BPREC=BPREC\_$$ELIGCODE^BPSSCR05($P(BPX,U,3))\_U ;Eligibility  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U ;Date  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(+BPX)\_U  ;Released On  . ;RX INFO  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U  ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$$RXCOB($G(BPPSEQ))\_U  . S BPREC=BPREC\_$S($$CLOSED02^BPSSCR03($P(^BPST($P(BPX,U,3),0),U,4))=1:"C",1:"O")\_U ;Open/Closed  ;  I BPRTYPE=3 D  Q  . N PTRESP  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U ;Date  . S BPREC=BPREC\_$$INGRCST^BPSSCRLG(BP02)\_U  ;Ingredient Cost  . S BPREC=BPREC\_$$DISPFEE^BPSSCRLG(BP02)\_U  ;Dispensing Fee  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$$ICPAID^BPSSCRLG(BP03)\_U  ;Ingredient Cost Paid  . S BPREC=BPREC\_$$DFPAID^BPSSCRLG(BP03)\_U  ;Dispensing Fee Paid  . S PTRESP=$$PTRESP^BPSSCRLG(BP03) S BPREC=BPREC\_$S('PTRESP:PTRESP,1:"-"\_PTRESP)\_U  ;Patient Pay Amount  . S BPREC=BPREC\_$TR($J(BPINS,10,2)," ")\_U ;Insurance Response  ;  I BPRTYPE=5 D  Q  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1($$TRANDT^BPSRPT2($P(BPX,U,3),1))\_U ;Completed  . S BPREC=BPREC\_$$TTYPE^BPSRPT7($P(BPX,U,4),$P(BPX,U,5),BPPSEQ)\_U ;Trans Type  . S BPREC=BPREC\_$$RESPONSE^BPSRPT7($P(BPX,U,4),$P(BPX,U,5),BPPSEQ)\_U ;Payer Response  . S BPREC=BPREC\_$$RXCOB($G(BPPSEQ))\_U ;RX COB  ;  I BPRTYPE=7 D  Q  . ;RX INFO  . S BPREC=BPREC\_$$ELIGCODE^BPSSCR05($P(BPX,U,3))\_U ;Eligibility  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$S($P(BPX,U,13):"REJ",1:"")\_U  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),~~32~~15)\_U ;Drug  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U  ;  I (BPRTYPE=8) D  Q  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_"/"\_$$ECMENUM^BPSRPT1($P(BPX,U,3))\_U ;Refill/ECME Number  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U  ;Date  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$TR($J(BPINS,10,2)," ")\_U ;$Ins. Paid  . S BPREC=BPREC\_$S(BPCOLL]"":$TR($J(BPCOLL,10,2)," "),1:"")\_U ;$Collected  ;  I BPRTYPE=9 D  Q  . N ELGCD S ELGCD=$P(BPX,U,1)  . S BPREC=BPREC\_$S(ELGCD="V":"VET",ELGCD="T":"TRI",ELGCD="C":"CVA",1:"UNK")\_U  . S BPREC=BPREC\_$$RXNUM^BPSRPT6(BPRX)\_$$COPAY^BPSRPT6(BPRX)\_U ;RX Number  . S BPREC=BPREC\_BPREF\_U                      ;Refill  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(BPSRTDT)\_U  ;Date  . S BPREC=BPREC\_$S($P(BPX,U,2)]"":$TR($J($P(BPX,U,2),10,2)," "),1:"")\_U ;$Drug Cost  Q | | | | |

| Subroutine Name | **WRLINE2^BPSRPT8** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ;Print Report Line 2  ;  ; Input Variable -> BPRTYPE,BPX,BPRX,BPREF,BPBIL,BPGRPLAN  ;  WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPPSEQ) ;  N BP59,BP02  S BP59=$P(BPX,U,3)  S BP02=+$P($G(^BPST(BP59,0)),U,4)  ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . ;Drug, Released On  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),32)\_U\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(+BPX)\_U  . ;RX INFO  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . I BPRTYPE=4 S BPREC=BPREC\_$$RXCOB($G(BPPSEQ))\_U  . S BPREC=BPREC\_$S($P(BPX,U,13):"REJ",1:"")  . I BPRTYPE=1 S BPREC=BPREC\_U\_$$BILL^BPSRPT6(BPRX,BPREF,BPPSEQ)\_U\_$$RXCOB($G(BPPSEQ)) ;Bill # and RX COB  ;  I BPRTYPE=2 D  Q  . S BPREC=BPREC\_$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)\_U ;Group ID  . S BPREC=BPREC\_$$INGRCST^BPSSCRLG(BP02)\_U  ;Ingredient Cost  . S BPREC=BPREC\_$$DISPFEE^BPSSCRLG(BP02)\_U  ;Dispensing Fee  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$$QTY^BPSRPT6($P(BPX,U,3))\_U ;Qty  . S BPREC=BPREC\_$$GETNDC^BPSRPT6(BPRX,BPREF)\_U ;NDC#  . S BPREC=BPREC\_$E($$DRGNAM^BPSRPT6($P(BPX,U,14),32),1,15)\_U ;Drug  ;  I BPRTYPE=3 D  Q  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),32)\_U ;Drug  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U  . ;RX INFO  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$$RXCOB($G(BPPSEQ))\_U  . S BPREC=BPREC\_$S($P(BPX,U,13):"REJ",1:"")  ;  I BPRTYPE=5 D  Q  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),32)\_U ;Drug  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U  . ;RX INFO  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$S($P(BPX,U,13):"REJ",1:"")\_U  . I $P(BPGRPLAN,U,2)]"" S BPREC=BPREC\_$E($P(BPGRPLAN,U,2),1,30) ;Insurance  . S BPREC=BPREC\_U\_$$ELAPSE^BPSRPT6($P(BPX,U,3)) ;Elapsed Time  ;  I BPRTYPE=7 D  Q  . S BPREC=BPREC\_$E($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)\_U ;Cardholder ID  . S BPREC=BPREC\_$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)\_U  ;Group ID  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(+$$CLOSEDT^BPSRPT2(+$P(BPX,U,3)))\_U ;Close Dt/Time  . S BPREC=BPREC\_$E($$CLSBY^BPSRPT6(+$P(BPX,U,3)),1,25)\_U ;Close By  . S BPREC=BPREC\_$E($P($$CLRSN^BPSRPT7(+$P(BPX,U,3)),U,2),1,30)\_U ;Close Reason  ;  I BPRTYPE=8 D  Q  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),27)\_U ;Drug  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_" " ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_" " ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$TR($E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)," ","")\_U  ;Group ID  . S BPREC=BPREC\_$E(BPGRPLAN,1,30)\_U ;Insurance  . S BPREC=BPREC\_$$BILL^BPSRPT6(BPRX,BPREF,BPPSEQ)\_U ;Bill#  ;  I BPRTYPE=9 D  Q  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,4),32)\_U  ;Drug  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U ;NDC  . S BPREC=BPREC\_$$DATTIM^BPSRPT1($P(BPX,U,5))\_U  ;Release Date  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U      ;Fill Location  . S BPREC=BPREC\_$$RXSTANAM^BPSSCRU2($P(BPX,U,6)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U,5):"/R",1:"/N")\_U    ;RL/NR  . S BPREC=BPREC\_$$GET1^DIQ(366.17,$P(BPX,U,7),.01,"E") ;Non-Billable Status Reason - ICR 6136  Q | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ;Print Report Line 2  ;  ; Input Variable -> BPRTYPE,BPX,BPRX,BPREF,BPBIL,BPGRPLAN  ;  WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPPSEQ) ;  N BP59,BP02  S BP59=$P(BPX,U,3)  S BP02=+$P($G(^BPST(BP59,0)),U,4)  ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . ;Drug~~, Released On~~  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),~~32~~15)\_U~~\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U~~  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U ;Released On  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(+BPX)\_U  . ;RX INFO  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . I BPRTYPE=4 S BPREC=BPREC\_$$RXCOB($G(BPPSEQ))\_U  . S BPREC=BPREC\_$S($P(BPX,U,13):"REJ",1:"")  . I BPRTYPE=1 S BPREC=BPREC\_U\_$$BILL^BPSRPT6(BPRX,BPREF,BPPSEQ)\_U\_$$RXCOB($G(BPPSEQ)) ;Bill # and RX COB  ;  I BPRTYPE=2 D  Q  . S BPREC=BPREC\_$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)\_U ;Group ID  . S BPREC=BPREC\_$$INGRCST^BPSSCRLG(BP02)\_U  ;Ingredient Cost  . S BPREC=BPREC\_$$DISPFEE^BPSSCRLG(BP02)\_U  ;Dispensing Fee  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$$QTY^BPSRPT6($P(BPX,U,3))\_U ;Qty  . S BPREC=BPREC\_$$GETNDC^BPSRPT6(BPRX,BPREF)\_U ;NDC#  . S BPREC=BPREC\_~~$E(~~$$DRGNAM^BPSRPT6($P(BPX,U,14),~~32),1,~~15)\_U ;Drug  ;  I BPRTYPE=3 D  Q  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),~~32~~15)\_U ;Drug  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U  . ;RX INFO  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$$RXCOB($G(BPPSEQ))\_U   . S BPREC=BPREC\_$$ELIGCODE^BPSSCR05($P(BPX,U,3))\_U ;Eligibility  . S BPREC=BPREC\_$S($P(BPX,U,13):"REJ",1:"")  ;  I BPRTYPE=5 D  Q  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),32)\_U ;Drug  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U  . ;RX INFO  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_U ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$S($P(BPX,U,13):"REJ",1:"")\_U  . I $P(BPGRPLAN,U,2)]"" S BPREC=BPREC\_$E($P(BPGRPLAN,U,2),1,30) ;Insurance  . S BPREC=BPREC\_U\_$$ELAPSE^BPSRPT6($P(BPX,U,3)) ;Elapsed Time  ;  I BPRTYPE=7 D  Q ~~. S BPREC=BPREC\_$E($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)\_U ;Cardholder ID~~  . S BPREC=BPREC\_$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)\_U  ;Group ID  . S BPREC=BPREC\_$TR($J(BPBIL,10,2)," ")\_U ;$Billed  . S BPREC=BPREC\_$$DATTIM^BPSRPT1(+$$CLOSEDT^BPSRPT2(+$P(BPX,U,3)))\_U ;Close Dt/Time  . S BPREC=BPREC\_$E($$CLSBY^BPSRPT6(+$P(BPX,U,3)),1,25)\_U ;Close By  . S BPREC=BPREC\_$E($P($$CLRSN^BPSRPT7(+$P(BPX,U,3)),U,2),1,30)\_U ;Close Reason  ;  I BPRTYPE=8 D  Q  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),27)\_U ;Drug  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_" " ;Fill Location  . S BPREC=BPREC\_$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))\_" " ;Fill Type  . S BPREC=BPREC\_$$RXSTATUS^BPSRPT6($P(BPX,U,3)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U):"/R",1:"/N")\_U ;RL/NR  . S BPREC=BPREC\_$TR($E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)," ","")\_U  ;Group ID  . S BPREC=BPREC\_$E(BPGRPLAN,1,30)\_U ;Insurance  . S BPREC=BPREC\_$$BILL^BPSRPT6(BPRX,BPREF,BPPSEQ)\_U ;Bill#  ;  I BPRTYPE=9 D  Q  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,4),~~32~~15)\_U  ;Drug  . S BPREC=BPREC\_$TR($$GETNDC^BPSRPT6(BPRX,BPREF),"-")\_U ;NDC  . S BPREC=BPREC\_$$DATTIM^BPSRPT1($P(BPX,U,5))\_U  ;Release Date  . S BPREC=BPREC\_$$MWC^BPSRPT6(BPRX,BPREF)\_U      ;Fill Location  . S BPREC=BPREC\_$$RXSTANAM^BPSSCRU2($P(BPX,U,6)) ;Status  . S BPREC=BPREC\_$S($P(BPX,U,5):"/R",1:"/N")\_U    ;RL/NR  . S BPREC=BPREC\_$$GET1^DIQ(366.17,$P(BPX,U,7),.01,"E") ;Non-Billable Status Reason - ICR 6136  Q | | | | |

| Subroutine Name | **WRLINE3^BPSRPT8** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| ;Print Report Line 3  ;  ; Input Variable -> BPRTYPE,BPX  ;  WRLINE3(BPRTYPE,BPREC,BPX) ;  N BP59,BPSARR,BPRJCNT,BPRJEXP,BPZZ,BPRICE  S BP59=+$P(BPX,U,3)  ;  I (",7,")[BPRTYPE D  Q  .S BPREC=BPREC\_$$CLAIMID^BPSRPT2(BP59)\_U ;Claim ID  .S BPRJCNT=$$REJTEXT^BPSRPT2(BP59,.BPSARR)  .F BPZZ=1:1:BPRJCNT S:BPZZ'=1 BPREC=BPREC\_"," S BPREC=BPREC\_$P(BPSARR(BPZZ),":")  .;Write one record per reject/close code  .S:+BPRJCNT=0 BPRJCNT=1  .F BPZZ=1:1:BPRJCNT W !,$G(BPREC),U,$P($G(BPSARR(BPZZ)),":"),U,$P($G(BPSARR(BPZZ)),":",2)  ;  I (",2,")[BPRTYPE D  Q  . S BPREC=BPREC\_$P($$PRESCIN^BPSRPT6($P(BPX,U,3)),U)\_U ;Prescriber ID  . S BPREC=BPREC\_$E($P($$PRESCIN^BPSRPT6($P(BPX,U,3)),U,2),1,13)\_U ;Prescriber Name (truncated to 13)  . S BPRJCNT=$$REJTEXT^BPSRPT2(BP59,.BPSARR)  . S BPREC=BPREC\_$S(BPRJCNT>1:"Y",1:"N")  . ;Write one record per reject/close code  . S:+BPRJCNT=0 BPRJCNT=1  . F BPZZ=1:1:BPRJCNT S BPREC2="" D  . . S BPREC2=$G(BPREC)\_U\_$P($G(BPSARR(BPZZ)),":")\_U\_$P($G(BPSARR(BPZZ)),":",2) W !,$E(BPREC2,1,255)  ;  I BPRTYPE=4 D  . ;Method  . I $$AUTOREV^BPSRPT1(BP59) S BPREC=BPREC\_U\_"AUTO"\_U  . E  S BPREC=BPREC\_U\_"REGULAR"\_U  . ;Return Status  . I $P(BPX,U,15)["ACCEPTED" S BPREC=BPREC\_"ACCEPTED"\_U  . E  S BPREC=BPREC\_"REJECTED"\_U  . ;Reason  . S BPREC=BPREC\_$$RVSRSN^BPSRPT7(+$P(BPX,U,3))  ;  I BPRTYPE=8 D  . S BPRICE=$$PRICEVAL^BPSRPT5(BP59)  . S BPREC=BPREC\_$P($G(BPRICE),U,3)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,4)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,5)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,6)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,7)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,2)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,1)\_U  ;Write the record  W !,$G(BPREC)  Q | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| ;Print Report Line 3  ;  ; Input Variable -> BPRTYPE,BPX  ;  WRLINE3(BPRTYPE,BPREC,BPX) ;  N BP59,BPSARR,BPRJCNT,BPRJEXP,BPZZ,BPRICE  S BP59=+$P(BPX,U,3)  ;  I (",7,")[BPRTYPE D  Q  . S BPREC=BPREC\_$$CLAIMID^BPSRPT2(BP59)\_U ;Claim ID  . S BPRJCNT=$$REJTEXT^BPSRPT2(BP59,.BPSARR)   . S BPREC=BPREC\_$S(BPRJCNT>1:"Y",1:"N") ;Mult Rej  . ;Write one record per reject/close code  . S:+BPRJCNT=0 BPRJCNT=1  . F BPZZ=1:1:BPRJCNT D  . . S BPREC2=$G(BPREC)\_U\_$P($G(BPSARR(BPZZ)),":")\_U\_$P($G(BPSARR(BPZZ)),":",2) W !,$E(BPREC2,1,255) ~~.F BPZZ=1:1:BPRJCNT S:BPZZ'=1 BPREC=BPREC\_"," S BPREC=BPREC\_$P(BPSARR(BPZZ),":")  .;Write one record per reject/close code  .S:+BPRJCNT=0 BPRJCNT=1  .F BPZZ=1:1:BPRJCNT W !,$G(BPREC),U,$P($G(BPSARR(BPZZ)),":"),U,$P($G(BPSARR(BPZZ)),":",2)~~  ;  I (",2,")[BPRTYPE D  Q  . S BPREC=BPREC\_$P($$PRESCIN^BPSRPT6($P(BPX,U,3)),U)\_U ;Prescriber ID  . S BPREC=BPREC\_$E($P($$PRESCIN^BPSRPT6($P(BPX,U,3)),U,2),1,13)\_U ;Prescriber Name (truncated to 13)  . S BPRJCNT=$$REJTEXT^BPSRPT2(BP59,.BPSARR)  . S BPREC=BPREC\_$S(BPRJCNT>1:"Y",1:"N") ;Mult Rej  . ;Write one record per reject/close code  . S:+BPRJCNT=0 BPRJCNT=1  . F BPZZ=1:1:BPRJCNT S BPREC2="" D  . . S BPREC2=$G(BPREC)\_U\_$P($G(BPSARR(BPZZ)),":")\_U\_$P($G(BPSARR(BPZZ)),":",2) W !,$E(BPREC2,1,255)  ;  I BPRTYPE=4 D  . ;Method  . I $$AUTOREV^BPSRPT1(BP59) S BPREC=BPREC\_U\_"AUTO"\_U  . E  S BPREC=BPREC\_U\_"REGULAR"\_U  . ;Return Status  . I $P(BPX,U,15)["ACCEPTED" S BPREC=BPREC\_"ACCEPTED"\_U  . E  S BPREC=BPREC\_"REJECTED"\_U  . ;Reason  . S BPREC=BPREC\_$$RVSRSN^BPSRPT7(+$P(BPX,U,3))  ;  I BPRTYPE=8 D  . S BPRICE=$$PRICEVAL^BPSRPT5(BP59)  . S BPREC=BPREC\_$P($G(BPRICE),U,3)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,4)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,5)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,6)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,7)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,2)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,1)\_U  ;  ;Write the record  I (",1,3,4,9,")[BPRTYPE W !,$E(BPREC,1,255) Q  W !,$G(BPREC)  Q | | | | |