**MCCF EDI TAS US572**

System Design Document



Department of Veterans Affairs

**October 2017**

Version 1.02

**User Story Number:** USRX-19

**User Story Name:** Improve Existing Pharmacy Reports

**Product Backlog ID:** 181

**Priority:** 12

**Initial Sizing Estimate:**

**Rational ID:** 828280

**Rally ID:** US572

**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 Rejected Claims Report and several new filters need to be added which will result in additional data displaying on the report.

List of Components:

* Routine: BPSRPT0
* Routine: BPSRPT1
* Routine: BPSRPT3
* Routine: BPSRPT3A
* Routine: BPSRPT4
* Routine: BPSRPT5
* Routine: BPSRPT6
* Routine: BPSRPT7
* Routine: BPSRPT8

# Design – Detail

This user story pertains to the Rejected Claims Report. In addition, a change to the Eligibility prompt applies to the Rejected Claims Report and the Non-Billable Status Report.

The changes to the Rejected Claims Report are as follows:

* allow the user to make multiple selections
* add new filter questions
* reword the Excel capture instructions
* change report format
* change Excel report output

The changes to allow the user to make multiple selections and the new filter questions for the Rejected Claims Report are described below.

| Subroutine Name | **EN^BPSRPT0** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| BPS MENU RPT CLAIM STATUS | | | NOW^%DTC, DD^%DT,  $$SELPHARM^BPSRPT3,  $$SELSMDET^BPSPRT3,  $$INSURSEL^BPSSCRCU,  $$SELMWC^BPSRPT3,  $$SELMWC1^BPSRPT3,  $$SELRTBCK^BPSRPT3,  $$SELRBPS^BPSRPT3,  $$SELDRGAL^BPSRPT3,  $$SELDRG^BPSRPT3,  $$SELDRG1^BPSRPT3A,  $$SELDRGLC^BPSRPT3,  $$SELDC^BPSRPT3A,  $$SELDATE^BPSRPT3,  $$SELRLNRL^BPSRPT4,  $$SELREJCD^BPSRPT4,  $$SELAUREV^BPSRPT4,  $$SELACREJ^BPSRPT4,  $$SELCCRSN^BPSRPT4,  $$SELELIG^BPSRPT3,  $$SELOPCL^BPSRPT3,  $$SELALRC^BPSRPT3,  $$SELELIG1^BPSRPT3,  $$SELPRESC^BPSRPT3A,  $$SELPA^BPSRPT3A,  $$SELPAT^BPSRPT3A,  $$SELBAMT^BPSRPT3A,  $$SELBMIN^BPSRPT3A,  $SELBMAX^BPSRPT3A,  $$SELNBSTS^BPSRPT3,  $$SELEXCEL^BPSRPT4,  DEVICE, RUN,  PAUSE2^BPSRPT1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: report number (1-9)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  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\*\*;JUN 2004;Build 27  ;;Per VA Directive 6402, this routine should not be modified.  ;  Q  ;  ; Front End for ECME Reports  ;  ; Input variable: BPRTYPE -> 1 = Payable Claims  ; 2 = Rejected Claims  ; 3 = Claims Submitted, Not Yet Released  ; 4 = Reversed Claims  ; 5 = Recent Transactions  ; 6 = Totals By Date  ; 7 = Closed Claims  ; 8 = Spending Account Report  ; 9 = ECME RXs with Non-Billable Status  ;  ; Passed variables - The following local variables are passed around the BPSRPT\* routines  ; and are not passed as parameters but are assumed to be defined:  ; BPACREJ,BPAUTREV,BPBEGDT,BPBLINE,BPCCRSN,BPDRGCL,BPDRUG,BPENDDT,BPEXCEL,  ; BPINSINF,BPGRPLN,BPMWC,BPNOW,BPPAGE,BPPHARM,BPQ,BPQSTDRG,  ; BPRLNRL,BPRTBCK,BPSDATA,BPSUMDET,BPRTYPE,BPNBSTS,BPALRC,BPELIG1  ;  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  ;  ;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)  ;  ;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=$$INSURSEL^BPSSCRCU(.BPARR,DUZ) I BPINS<1 G EXIT  S BPINSINF=$S(BPARR(1.11)="I":BPARR("INS"),1:0)  ;  ;Prompt to Display (C)MOP or (M)ail or (W)indow or (A)LL (Default to ALL)  ;Returns (A-ALL,M-Mail,W-Window,C-CMOP)  S BPMWC=$$SELMWC^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 BPRTYPE'=9 S BPRTBCK=$$SELRTBCK^BPSRPT3(1) I BPRTBCK="^" G EXIT  ;  ;Prompt to Display Specific (D)rug or Drug (C)lass or (A)ll (Default to ALL)  ;Returns (1-ALL,2-Drug,3-Drug Class)  S BPQSTDRG=$$SELDRGAL^BPSRPT3(1) I BPQSTDRG="^" Q  ;  ;Prompt to Select Drug (No Default)  S BPDRUG=0 I BPQSTDRG=2 S BPDRUG=$$SELDRG^BPSRPT3() I BPDRUG="^" G EXIT  ;  ;Prompt to Select Drug Class (No Default)  S BPDRGCL=0 I BPQSTDRG=3 S BPDRGCL=$$SELDRGCL^BPSRPT3() I BPDRGCL="^" G EXIT  ;  ;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,ptr-Pointer to Selected Reject Code in #9002313.93)  S BPREJCD=0 I (",2,")[BPRTYPE S BPREJCD=$$SELREJCD^BPSRPT4(0) I BPREJCD="^" G EXIT  ;  ;Prompt to Include Auto(R)eversed or (A)LL (Default to ALL)  ;Returns (0-All,1-AutoReversed)  S BPAUTREV=0 I (",4,")[BPRTYPE S BPAUTREV=$$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 (",1,2,4,7,")[BPRTYPE S BPELIG=$$SELELIG^BPSRPT3(1) I BPELIG="^" G EXIT  ;  ;Prompt for Open/Closed/All claims  ;Returns (1=Closed,2=Open,0=All)  S BPOPCL=0 I (",2,")[BPRTYPE S BPOPCL=$$SELOPCL^BPSRPT3(2) I BPOPCL="^" G EXIT  ;  ;Prompt for All or Most Recent (Non-Billable Status Report only)  ;Returns A - All, R - Most Recent  S BPALRC=0 I (",9,")[BPRTYPE S BPALRC=$$SELALRC^BPSRPT3() I BPALRC="^" G EXIT  ;  ;Prompt for multiple Eligibility Indicator for Non-Billable Status Report  ;Sets up BPELIG1 variable and array, BPELIG1=0 ALL or BPELIG1=1,BPELIG1(xx) for list  S BPELIG1=0 I (",9,")[BPRTYPE S BPELIG1=$$SELELIG1^BPSRPT3() I BPELIG1="^" G EXIT  ;  ;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\*\*;JUN 2004;Build 27  ;;Per VA Directive 6402, this routine should not be modified.  ;  Q  ;  ; Front End for ECME Reports  ;  ; Input variable: BPRTYPE -> 1 = Payable Claims  ; 2 = Rejected Claims  ; 3 = Claims Submitted, Not Yet Released  ; 4 = Reversed Claims  ; 5 = Recent Transactions  ; 6 = Totals By Date  ; 7 = Closed Claims  ; 8 = Spending Account Report  ; 9 = ECME RXs with Non-Billable Status  ;  ~~; Passed variables - The following local variables are passed around the BPSRPT\* routines~~  ~~; and are not passed as parameters but are assumed to be defined:~~  ~~; BPACREJ,BPAUTREV,BPBEGDT,BPBLINE,BPCCRSN,BPDRGCL,BPDRUG,BPENDDT,BPEXCEL,~~  ~~; BPINSINF,BPGRPLN,BPMWC,BPNOW,BPPAGE,BPPHARM,BPQ,BPQSTDRG,~~  ~~; BPRLNRL,BPRTBCK,BPSDATA,BPSUMDET,BPRTYPE,BPNBSTS,BPALRC,BPELIG1~~  ; Passed variables:  ; The following local variables are set in BPSPRT0 and are passed throughout  ; the BPSRPT\* routines. They are used during the looping/filtering of transactions  ; and when creating the reports.  ; These local variable are not passed as parameters but assumed to be defined.  ;  ; BPRTYPE - report number (1-9)  ; 1 = Payable Claims, 2 = Rejected Claims, 3 = Claims Submitted, Not Yet Released,  ; 4 = Reversed Claims, 5 = Recent Transactions, 6 = Totals By Date,  ; 7 = Closed Claims, 8 = Spending Account Report, 9 = ECME RXs with Non-Billable Status  ; BPRPTNAM – report name  ; 1-PAYABLE CLAIMS, 2-REJECTED CLAIMS, 3-SUBMIT,NOT RELEASED CLAIMS,  ; 4-REVERSED CLAIMS, 5-RECENT TRANSACTIONS, 6-TOTALS, 7-CLOSED CLAIMS,  ; 8-SPENDING ACCOUNT REPORT, 9-RXS WITH NON-BILLABLE STATUS  ; BPSLC - all lower case letters (used to convert from lower to upper)  ; BPSUC - all upper case letters (used to convert from lower to upper)  ; BPPHARM - Pharmacy Divisions or ALL  ; BPPHARM=0 – ALL  ; if Pharmacy Divisions was selected, returns BPPHARM variable and an array  ; BPPHARM=1  ; BPPHARM(ptr) for each selection – Pointer to BPS PHARMACIES  ; BPSUMDET – 1=Display Summary or 0=Detail Format  ; BPINS – allow selection of Insurance or ALL, returns BPINS variable and BPARR array  ; 0=”^” Exit  ; 1=if ALL - BPARR(1.11)=”A”,BPARR(2.04)=””,BPARR(“INS”)=””  ; 1=if INSURANCE  ; BPARR(1.11)=”I”,  ; BPARR(2.04)=”;1;ptr;” if multiple entries - BPARR(2.04)=”;ptr;ptr;…”  ; BPARR(“INS”)=”;1;ptr;” if multiple entries - BPARR(“INS”)=”;ptr;ptr;…”  ; ptr – Pointer to the INSURANCE file  ; BPINSINF – BPINSINF=0 - if ALL Insurances was selected above  ; BPINSINF=BPARR(“INS”)  ; BPMWC – Fill location C-CMOP, W-WINDOW, M-MAIL  ; BPMWC=A-ALL, ^-Exit  ; BPMWC=(C,W,M)  ; if multiple entries - BPMWC=(a comma delimited string of users selection, e.g. "C,M")  ; BPRTBCK – Fill Type - 2-RealTime Fills, 3-Backbills, 4-PRO Option, 5-Resubmission  ; BPRTBCK=1-ALL,^-exit  ; BPRTBCK=(2,3,4,5)  ; if multiple entries - BPRTBCK=(a comma delimited string of users selection, e.g. "3,5")  ; BPQSTDRG – Drug-2 or Drug Class-3 or All-1 or Exit-^  ; BPQSTDRG=(1,2,3,^)  ; BPDRUG – select Drug – ptr=Pointer to the DRUG file #50  ; BPDRUG= ptr - if multiple entries - BPDRUG=”ptr,ptr,…”  ; BPDRGCL – select Drug – ptr= Pointer to the DRUG CLASS file #50.5  ; BPDRGCL= ptr - if multiple entries - BPDRGCL= ptr,ptr,…  ; BPBEGDT – Date Range  ; BPBEGDT=^-Exit  ; BPBEGDT= beginning date ^ ending date  ; BPBEGDT=$P(BPBEGDT,U) - beginning date  ; BPENDDT=$P(BPBEGDT,U,2) - ending date  ; BPRLNRL – 2-Released, 3-Not Released or 1-All  ; BPRLNRL=(1,2,3,^) ^=exit  ; BPREJCD – Specific Reject Code or All  ; BPREJCD=0-ALL, ^-Exit  ; BPREJCD=ptr - if multiple entries – BPREJCD=ptr,ptr,…  ; ptr=Pointer to Reject Code in #9002313.93  ; BPAUTREV - AutoReversed-1 or All-0  ; BPAUTREV=(0,1,^)  ; BPACREJ – Accepted-2, Rejected-1 or All-0  ; BPACREJ=(0,1,2,^)  ; BPCCRSN – Specific Close Claim Reason-ptr or All-0  ; BPCCRSN=(0,ptr) – ptr=Pointer to #356.8  ; BPELIG – Eligibility V-Veteran, T-Tricare, C-Champva or 0-All  ; BPELIG=(V,T,C,0,^)  ; BPELIG1 – multiple Eligibilities or All-0  ; BPELIG1=(0,^)  ; BPELIG1=(V,T,C) V-Veteran, T-Tricare, C-Champva  ; if multiple entries BPELIG1=(a comma delimited string of users selection, e.g. "C,T")  ; BPOPCL – Open-2, Closed-1 or All-0  ; BPOPCL=(0,1,2,^)  ; BPRESC – Selected Prescriber-ptr or All-0 - ptr=Pointer to file #200  ; BPRESC=(0,^)  ; BPRESC=ptr - if multiple entries – BPRESC=ptr,ptr,…  ; BPQSTPAT – select Patients-1 or All-0  ; BPQSTPAT=(0,1,^)  ; BPPAT – if Patients=1 was selected above  ; BPPAT=ptr – if multiple entries – BPPAT=ptr,ptr ptr=Pointer to file #2  ; BPBILL – Range of Billed Amount-1 or All-0  ; BPBILL=(0,1,^)  ; BPMIN – if BPBILL=1 enter minimum billed amount  ; BPMIN=amount entered, default is 0  ; BPMAX – if BPBILL=1 enter maximum billed amount  ; BPMAX=amount entered, default is 999999  ; BPALRC – All-A or Most Recent-R (Non-Billable Status report only, BPRTYPE=9)  ; BPALRC=(A,R,^)  ; BPNBSTS – Non-Billable Status (Non-Billable Status report only, BPRTYPE=9)  ; BPNBSTS=(0–All,1–certain Non-billable status,^)  ; if BPNBSTS=1 there is a BPNBSTS array for each status selected  ; BPNBSTS(ptr)=status - for each status selected  ; ptr=Pointer to file #366.17 - status=non-billable reason from file #366.17 field #.01  ; BPEXCEL – Excel capture-detail only, if BPSUMDET=0 (detail format)  ; BPEXCEL=(0-No, 1-Yes, ^)  ; BPQ – device variable - I POP S BPQ=1 otherwise BPQ=0  ;  ; The following local variables are not set in BPSRPT0 however they are used in several  ; BPSRPT\* routines. They are not passed as parameters but assumed to be defined.  ; BPBLINE – blank line indicator, 1-print blank line  ; BPGRPLAN – insurance plan name  ; BPSDATA – tells whether data has been displayed to the screen (0-No,1-Yes)  ;  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)  ;  ;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=$$SELRTBCK^BPSRPT3(1) I BPRTBCK="^" G EXIT  I (",2,")[BPRTYPE S BPRTBCK=$$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=$$SELRLNRL^BPSRPT4($S(BPRTYPE=9:1,1:2)) I BPRLNRL="^" G EXIT  ;  ;Prompt to Include (S)pecific Reject Code or (A)LL (Default to ALL)  ;If (S)pecific is selected the user will be prompted to enter one or more Reject Codes  ;Returns: 0=ALL  ; ^=if user entered “^”  ; ptr=string of ptr’s delimited with a comma e.g. BPREJCD=”95,100,”  ; (ptr is the Pointer to the selected Reject Code in #9002313.93)  S BPREJCD=0 I (",2,")[BPRTYPE S BPREJCD=$$SELREJCD^BPSRPT4(~~0~~) 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=$$SELCCRSN^BPSRPT4(0) I BPCCRSN="^" G EXIT  ;  ;Prompt for Eligibility Indicator for payable, rejected, reversed and closed claims report  ;Returns (V=VETERAN,T=TRICARE,C=CHAMPVA,0=All)  S BPELIG=0 I (",1~~,2~~,4,7,")[BPRTYPE S BPELIG=$$SELELIG^BPSRPT3(1) I BPELIG="^" G EXIT  ;  ~~;Prompt for Open/Closed/All claims~~  ~~;Returns (1=Closed,2=Open,0=All)~~  ~~S BPOPCL=0 I (",2,")[BPRTYPE S BPOPCL=$$SELOPCL^BPSRPT3(2) I BPOPCL="^" G EXIT~~  ;  ;Prompt for All or Most Recent (Non-Billable Status Report only)  ;Returns A - All, R - Most Recent  S BPALRC=0 I (",9,")[BPRTYPE S BPALRC=$$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 | | | | | | | | |

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

| Subroutine Name | **SELREJCD^BPSRPT4** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | DIR,  DIC | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DFLT  Definition: default value  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELREJCD  Definition: 0=ALL, ^=exit OR string of reject codes selected delimited by a comma  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| BPSRPT4 ;BHAM ISC/BEE - ECME REPORTS (CONT) ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,5,7,8,10,11,19\*\*;JUN 2004;Build 18  ...  ; Select to Include (S)pecific Reject Code or (A)ll  ;  ; Input Variable -> DFLT = 1 Specific Reject Code  ; 0 All Reject Codes  ;  ; Return Value -> ptr = pointer to BPS NCPDP REJECT CODES (#9002313.93)  ; 0 = All Reject Codes  ; ^ = Exit  ;  SELREJCD(DFLT) N DIC,DIR,DIRUT,DUOUT,REJ,X,Y  ;  S DFLT=$S($G(DFLT)=1:"Specific Reject Code",1:"ALL")  S DIR(0)="S^S:Specific Reject Code;A:ALL"  S DIR("A")="Include (S)pecific Reject Code or (A)LL",DIR("B")=DFLT  D ^DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^"  S REJ=$S(Y="S":1,Y="A":0,1:Y)  ;  ;Check for "^" or timeout  I ($G(DUOUT)=1)!($G(DTOUT)=1) S (REJ,Y)="^"  ;  ;If Specific Reject Code selected, ask prompt  I $G(REJ)=1 D  .;  .;Prompt for entry  .K X S DIC(0)="QEAM",DIC=9002313.93,DIC("A")="Select Reject Code: "  .W ! D ^DIC  .;  .;Check for "^", timeout, or blank entry  .I ($G(DUOUT)=1)!($G(DTOUT)=1)!($G(X)="") S (REJ,Y)="^" Q  .;  .;If valid entry, setup REJ  .I +Y>0 S REJ=+Y  ;  Q REJ  ; | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| BPSRPT4 ;BHAM ISC/BEE - ECME REPORTS (CONT) ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,5,7,8,10,11,19,23\*\*;JUN 2004;Build 18  ...  ; Select to Include (S)pecific Reject Code or (A)ll  ;  ; Return Value -> ptr = pointer to BPS NCPDP REJECT CODES (#9002313.93)  ; if more than 1 Reject Code is selected, a string of pointers separated by commas is returned.  ; ptr,ptr,...= pointers to BPS NCPDP REJECT CODES (#9002313.93)  ; 0 = All Reject Codes  ; ^ = Exit  ;  SELREJCD(~~DFLT~~) ;  ; User input will be temporarily stored in BPSRCAR for display to user   ; of selected REJECT CODES.  ;   ; If 'S' is selected, at least one REJECT CODE must be selected. If no selection   ; was made the user will be re-prompted to select a reject code.  ;   ; Upon completion of REJECT CODE(s) entry, values will be placed into a string   ; delimited by commas. e.g. BPARR("REJ")="50,60,"  ;   ; BPSRCAR = array containing REJECT CODE information  ; BPSRCAR(BPSRC)=BPSRCE  ; BPSRC = IEN from File #9002313.93 / BPSRCE = Reject Code Explanation   ;  N BPSREJ,DIR,DIRUT,DTOUT,DUOUT,X,Y  ;  ; BPSREJ = 1^S - Specific Reject Code  ; 1^A - ALL  ; -1 - if user entered "^"  ;  S BPSREJ=$$EDITFLD^BPSSCRCV(1.1,DUZ,"S^S:Specific Reject Code;A:ALL","Include (S)pecific Reject Code or (A)LL","ALL",.BPARR)  ;  ;If (A)LL was selected, return 0 (zero)  I BPSREJ["A" Q 0  ;If user entered "^" to exit, return "^"  I BPSREJ=-1 Q "^"  ; BPSREJCD ;  N BPARR,BPSCNT,BPSRC,BPSRCAR,BPSRCC,BPSRCE,BPSRCX  N DFLTVAL,DIR0,PRMTMSG  ;  ;If (S)pecific Reject Code was selected, assign existing entry(s) into BPS115AR array.  I $P(BPSREJ,U,2)="S" D  . ;Prompt user to enter one or multiple Reject Codes  . S BPSRC="" F  D  Q:BPSRC=-1  . . S DIR0="P^BPSF(9002313.93,"  . . S PRMTMSG="Select Reject Code"  . . S DFLTVAL=""  . . S BPSRC=$$PROMPT^BPSSCRCV(DIR0,PRMTMSG,DFLTVAL)  . . ;  . . ; If user didn't make a selection  . . I BPSRC=-1 Q  . . ;  . . ; Get the Code and Explanation for the Reject Code selected  . . S BPSRCC=$$GET1^DIQ(9002313.93,BPSRC,.01)  . . S BPSRCE=$$GET1^DIQ(9002313.93,BPSRC,.02)  . . ;  . . ; If entry doesn't exist, add new entry into BPSRCAR array.  . . I '$D(BPSRCAR(BPSRC)) S BPSRCAR(BPSRC)=BPSRCC\_U\_BPSRCE  . . ;  . . ; Display existing entry(s) to user.  . . I $D(BPSRCAR) D  . . . S BPSRC="" F  S BPSRC=$O(BPSRCAR(BPSRC)) Q:BPSRC=""  W !,?3,$P(BPSRCAR(BPSRC),U),?13,$P(BPSRCAR(BPSRC),U,2)  . ;  . ; If user selected (S)pecific Reject Code, return "^" in order for the user to return to the menu  . I '$D(BPSRCAR) S BPARR("REJCD")="^" Q  . ;  . ; Loop through selected reject codes, set selected reject codes into BPARR("REJCD") delimited by comma.   . S BPARR("REJCD")=""  . S BPSRC="" F  S BPSRC=$O(BPSRCAR(BPSRC)) Q:BPSRC=""  S BPARR("REJCD")=BPARR("REJCD")\_BPSRC\_","  ; SELRCX ;  Q BPARR("REJCD")  ; | | | | | | | | |

Modify the subroutine to allow the user to select one, multiple or all Eligibilities for the Rejected Claims Report and the Non-Billable Status Report. Multiple selections will be returned in a string separated by a comma.

| Subroutine Name | **SELELIG1^BPSRPT3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELELIG1  Definition: one or more eligibilities selected, separated by a comma  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 Pharmacies 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"  ;  ;  ;Reset BPELIG1 array  K BPELIG1  N DIR,DTOUT,DUOUT,DIRUT,DIROUT,X,Y,P  ;  ;First see if they want to enter individual eligibilities or ALL  S DIR(0)="S^E:ELIGIBILITY;A:ALL"  S DIR("A")="Select Certain (E)ligibilities or (A)LL"  S DIR("B")="ALL"  S DIR("L",1)="Select one of the following:"  S DIR("L",2)=""  S DIR("L",3)=" E ELIGIBILITY"  S DIR("L",4)=" A ALL"  D ^DIR K DIR  ;  ;Check for "^" or timeout  I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^"  ;  ; Set BPELIG1 and quit unless user wants to select individual eligibilities  S BPELIG1=$S(Y="A":0,Y="^":"^",1:1)  I BPELIG1'=1 Q BPELIG1  ;  ;Allow user to select multiple eligibilities  F  D  Q:Y="^"!(Y="")  .;  .;Prompt for entry  .K DIR  .S DIR(0)="SO^C:CHAMPVA;T:TRICARE;V:VETERAN"  .S DIR("A")="Select Eligibility"  .D ^DIR  .I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^" Q  .;  .;Check for blank entry, quit if no previous selections  .I $G(Y)="" S Y=$S($D(BPELIG1)>9:"",1:"^") Q  .;  .; Add entry to array or handle duplicate entries  .I '$D(BPELIG1(Y)) S BPELIG1(Y)=Y(0),BPELIG1("B",Y(0),Y)=""  .E  D  I Y="^" Q  ..;Already in the array, so ask whether to delete  ..N P  ..S P=Y\_"^"\_Y(0) ;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)!($G(DTOUT)=1) S Y="^" Q  ..I Y="Y" K BPELIG1($P(P,U,1)),BPELIG1("B",$P(P,U,2),$P(P,U,1))  ..S Y=P  ;Restore Original Value  ..K P  .;  .;Display a list of selected eligibilities  .I $D(BPELIG1)>9 D  ..N X  ..W !,?2,"Selected:"  ..S X="" F  S X=$O(BPELIG1("B",X)) Q:X=""  W !,?10,X  ..K X  .Q  ;  ; Reset BPELIG1 array if user exited  I Y="^" K BPELIG1 S BPELIG1="^" Q "^"  ;  ; Deleted 'x-ref' as we don't need to return that  K BPELIG1("B")  ;   Q 1 | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SELELIG1() ;   ; Select multiple Eligibilities  ;   ; Input Variable -> none  ; Return Value -> 0: All, 1: Selected one or more 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 for the user selections:  ; BPELIG1("C")="CHAMPVA"  ; BPELIG1("T")="TRICARE"  ; BPELIG1("V")="VETERAN"  ;  ;  BPSELIG1 ;  ;Reset BPELIG1 array  K BPELIG1  N DIR,DTOUT,DUOUT,DIRUT,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 | | | | | | | | |

A new subroutine will be created that allows the user to select one, multiple or all Fill Locations. Multiple selections will be returned in a string separated by a comma.

| Subroutine Name | **SELMWC1^BPSRPT3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DFLT  Definition: Default value  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELMWC1  Definition: users selections delimited by a comma  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| 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=$TR(X,BPSLC,BPSUC)  ;  ; Loop through user input (returned in variable X).  ; Display warning message if any user input selection is not included  ; in the string of acceptable codes (BPSMWCSTR) and re-prompt question.  ; Assign valid selections to BPSMWC array. This array will prevent  ; duplicate entries from being saved to the user's profile.  ;  K BPSMWC  S BPSERR=""  F BPSX=1:1:$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") | | | | | | | | |

A new subroutine will be created that allows the user to select one, multiple or all Fill types. Multiple selections will be returned in a string separated by a comma.

| Subroutine Name | **SELRBPS^BPSRPT3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DFLT  Definition: default value  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELRBPS  Definition: user selections in a comma delimited string  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| 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^0:7"  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  . 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:($L(BPSRBPS)-1) S RTBCKX=$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") | | | | | | | | |

A new subroutine will be created that allows the selection of one or multiple Drugs. Multiple selections will be returned in a string separated by a comma.

| Subroutine Name | **SELDRG1^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | SEL^BPSRPT3A | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELDRG1  Definition: user selections stored in a comma delimited string  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| 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 "^" 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") | | | | | | | | |

A new subroutine will be created that allows the selection of one or multiple Drug Classes. Multiple selections will be returned in a string separated by a comma.

| Subroutine Name | **SELDC^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | SEL^BPSRPT3A | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELDC  Definition: user selections in a comma delimited string  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SELDC() ;  ;  ; Allow user to select a single or multiple DRUG CLASSes,  ;  ; The users selection is stored in BPARR("DRUG CLASS") separated by a semi colon.  ; BPARR("DRUG CLASS")=dc name ien ; dc name ien  ; DRGCL ;  N BPARR,BPSIEN,BPSDCARR  S BPARR("DRUG CLASS")=""  ;  ; The SEL tag prompts user and validates the selection against the DRUG CLASS file.  D SEL("Drug Class","^PS(50.605,",.BPSDCARR)  ;  ; If the user entered "^" quit, no longer prompting the user to 'Select Drug Class'  I $G(BPSDCARR)="^" Q "^"  ;  ; If no drug was selected, return "^" so the user will return to the menu  I $G(BPSDCARR)=0 Q "^"  ;  M BPARR("DRUG CLASS")=BPSDCARR  ;  ; Creates a string of all the drug class ien's selected separated by a comma.   S BPSIEN=""  F  S BPSIEN=$O(BPARR("DRUG CLASS",BPSIEN)) Q:BPSIEN=""  D  . I BPARR("DRUG CLASS")'="" S BPARR("DRUG CLASS")=BPARR("DRUG CLASS")\_";"  . S BPARR("DRUG CLASS")=BPARR("DRUG CLASS")\_$$GET1^DIQ(50.605,BPSIEN,1)  . Q  ;  Q BPARR("DRUG CLASS") | | | | | | | | |

A new subroutine will be created that allows the user to select for one or more entries in a specific field in a specific file. The user’s selection is returned in an array. The field, file, array and default will be passed in.

| Subroutine Name | **SEL^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| SELDRG1^BPSRPT3A, SELDC^BPSRPT3A, SELPAT^BPSRPT3A | | | DIC | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: FIELD  Definition: specific field that is being used for selection  New  Modify  Delete  No Change  Name: FILE  Definition: VistA file that is being used for selection  New  Modify  Delete  No Change  Name: DEFAULT  Definition: default value  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: ARRAY  Definition: array containing the user’s selection  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| 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  ; | | | | | | | | |

A new subroutine will be created that allows the user to select one, multiple or all prescribers either by the Prescriber’s name or ID. Multiple selections will be returned in a string separated by a comma.

| Subroutine Name | **SELPRESC^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | ^DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELPRESC  Definition: string of prescriber ien’s separated by a comma  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SELPRESC() ;  N DIR,DIRUT,DTOUT,DUOUT,X,Y  ;  ;Select to include (S)pecific Prescriber or (A)ll Prescribers  ;  S DIR(0)="S^S:SPECIFIC PRESCRIBER(S);A:ALL PRESCRIBERS"  S DIR("A")="Select Specific Prescriber(s) or include ALL Prescribers"  S DIR("B")="ALL"  S DIR("L",1)="Select one of the following:"  S DIR("L",2)=""  S DIR("L",3)=" S Specific Prescriber(s)"  S DIR("L",4)=" A ALL Prescribers"  D ^DIR K DIR  ;  ;If (A)LL was selected, return 0 (zero)  I Y="A" Q 0  ;If "^" was entered or there was a Timeout, return "^"  I (Y="^")!($G(DUOUT)=1)!($G(DTOUT)=1)!($D(DIRUT)) Q "^"  W !  ; BPPRESC ;  ;User selected (S)pecific Prescriber, allow user to select one or multiple Prescribers.  N DIC,DIRUT,DTOUT,DUOUT,X,Y  N ARR,BPSARRAY,BPSRESCAR  K DIC,X,Y  ;  S DIC(0)="QEAM",DIC="^VA(200,",DIC("A")="Select Prescriber: "  S DIC("S")="I +$G(^VA(200,Y,""PS""))"  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)!($D(DIRUT)) S BPSARRAY="^" Q  . ;  . ; Add selection to BPSARRAY and display Prescriber's Name.  . S BPSARRAY(+Y)=$P(Y,U,2)  . W " ",$P(Y,"^",2),!  . ;  . ; Display a list of current selections.  . I $D(BPSARRAY) D  . . S ARR="" F  S ARR=$O(BPSARRAY(ARR)) Q:'ARR  W ?10,BPSARRAY(ARR),!  ;  ; If BPSARRAY="^" quit and return "^".  I $G(BPSARRAY)="^" Q "^"  ;  ; If nothing was selected, return "^" so the user will return to the menu   I '$D(BPSARRAY) Q "^"  ;  ; Create a comma delimited string BPSRESCAR that contains the selected Prescribers ien's.  S BPSRESCAR=""  S ARR="" F  S ARR=$O(BPSARRAY(ARR)) Q:'ARR  S BPSRESCAR=BPSRESCAR\_ARR\_","  ;  Q BPSRESCAR | | | | | | | | |

A new subroutine will be created that allows the user to “Select (P)atients or (A)LL”.

| Subroutine Name | **SELPA^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DFLT  Definition: default value – ‘ALL’  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELPA  Definition: 1=Patients, 0=ALL, ^=exit  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SELPA() ;  ;  ; Display (P)atients or (A)ll  ;   ; Return Value -> 1 = Patients  ; 0 = ALL  ; ^ = Exit  ;   N DIR,DIRUT,DTOUT,DUOUT,X,Y  S DIR(0)="S^P:Patient;A:ALL"  S DIR("A")="Display selected (P)atients or (A)LL"  S DIR("B")="ALL"  D ^DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^"  S Y=$S(Y="A":0,Y="P":1,1:Y)  Q Y  ; | | | | | | | | |

A new subroutine will be created that allows the user to select one or multiple patients. Multiple selections will be returned in a string separated by a comma.

| Subroutine Name | **SELPAT^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | SEL^BPSRPT3 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELPAT  Definition: a string of patient ien’s separated by a comma  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| 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 "^" 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") | | | | | | | | |

A new subroutine will be created that allows the user to select a Range or All Billed Amounts.

| Subroutine Name | **SELBAMT^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | ^DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: DFLT  Definition: default value  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELBAMT  Definition: 2=Bill Amt Range, 1=ALL, ^=Exit  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SELBAMT() ;  ;  ; Select (R)ange for Billed Amount or (A)ll  ;   ; Input Variable -> DFLT = ALL  ;   ; Return Value -> 1 = Billed Amt Range  ; 0 = ALL  ; ^ = Exit  ;   N DIR,DIRUT,DTOUT,DUOUT,X,Y  S DFLT="ALL"  S DIR(0)="S^R:Range;A:ALL"  S DIR("A")="Select (R)ange for Billed Amount or (A)LL"  S DIR("B")=DFLT  D ^DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1) S Y="^"  S Y=$S(Y="A":0,Y="R":1,1:Y)  Q Y  ; | | | | | | | | |

A new subroutine will be created to prompt the user for a minimum billed amount if the user selected a Range for Billed Amount.

| Subroutine Name | **SELBMIN^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | ^DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELBMIN  Definition: minimum amount entered, default will be 0 (zero)  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SELBMIN() ;  N DIR,DIRUT,DTOUT,DUOUT,X,Y  ;  S DIR("A")=" Minimum Billed Amount: "  S DIR("B")=0  S DIR(0)="NA^0:999999"  S DIR("?",1)="Enter the minimum billed amount OR press"  S DIR("?",2)="return for a minimum billed amount of zero (0)."  S DIR("?")=" Example: 500 - no decimal digits"  D ^DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1) Q "^"  Q Y | | | | | | | | |

A new subroutine will be created to prompt the user for a maximum billed amount if the user selected a Range for Billed Amount.

| Subroutine Name | **SELBMAX^BPSRPT3A** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EN^BPSRPT0 | | | ^DIR | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$SELBMAX  Definition: maximum amount entered, default will be 999999  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| SELBMAX() ;  N DIR,DIRUT,DTOUT,DUOUT,X,Y  ;  S DIR("A")=" Maximum Billed Amount: "  S DIR("B")=999999  S DIR(0)="NA^0:999999^I X'>$G(BPMIN) W !,""The Maximum Billed Amount must be greater than the Minimum Billed Amount."" K X"  S DIR("?",1)="Enter the maximum billed amount. The amount"  S DIR("?",2)="entered must be greater than the minimum billed."  S DIR("?")=" Example: 1500 - no decimal digits"  D ^DIR  I ($G(DUOUT)=1)!($G(DTOUT)=1) Q "^"  Q Y | | | | | | | | |

Modify the subroutine to allow for multiple user selections and for the new questions. 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 | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| COLLECT^BPSRPT1 | | | $$MWC^BPSRPT6, $$GETDRUG^BPSRPT6, $$DRGCLNAM^BPSRPT6, $$GETDRGCL^BPSRPT6, $$CLRSN^BPSRPT7, $$CKREJ, $$ELIGCODE^BPSSCR05, $$CLOSED02^BPSSCR03, SETTMP^BPSRPT2, $$CKPRESC, $$GET1^DIQ | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BP59  Definition: ptr to BPS TRANSACTIONS  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PROCESS(BP59) ;   N BPBCK,BPDFN,BPREF,BPPAYBL,BPPLAN,BPREJ,BPRLSDT,BPRX,BPRXDRG,BPSTATUS,BPSEQ,BPSTOP  ;  ...   ;Realtime/Backbill/PRO Option/Resubmission Check  S BPBCK=$$RTBCK(BP59) ; BPBCK=1 Backbill / BPBCK=2 PRO / BPBCK=5 Resub / BPBCK=0 Realtime  ;  ; If user doesn't want all transmission types (BPRTBCK'=1), then figure out if this transaction is OK   S BPSTOP=0  I BPRTBCK'=1 D  I BPSTOP G XPROC  . I BPRTBCK=2,BPBCK'=0 S BPSTOP=1 Q    ; Realtime check  . I BPRTBCK=3,BPBCK'=1 S BPSTOP=1 Q    ; Backbill check  . I BPRTBCK=4,BPBCK'=2 S BPSTOP=1 Q    ; PRO option check  . I BPRTBCK=5,BPBCK'=5 S BPSTOP=1 Q    ; Resubmission check  . Q  ;   ;Check for MAIL/WINDOW/CMOP/ALL  I BPMWC'="A",$$MWC^BPSRPT6(BPRX,BPREF)'=BPMWC 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=$$GETDRUG^BPSRPT6(BPRX)  I BPRXDRG=0 G XPROC  I BPDRUG,BPDRUG'=BPRXDRG G XPROC  ;  ;Check for selected drug classes  I BPDRGCL'=0,BPDRGCL'=$$DRGCLNAM^BPSRPT6($$GETDRGCL^BPSRPT6(BPRXDRG),99) G XPROC  ;  ;Check for selected Close Reason  I BPCCRSN,BPCCRSN'=$P($$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,'$$CKREJ(BP59,BPREJCD) G XPROC  ;  ;Check for Eligibility Code  I BPELIG'=0,BPELIG'=$$ELIGCODE^BPSSCR05(BP59) 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,BPRXDC,BPRXDRG,BPSTATUS,BPSEQ,BPSTOP  ;  ...   ;Realtime/Backbill/PRO Option/Resubmission Check  S BPBCK=$$RTBCK(BP59) ~~; BPBCK=1 Backbill / BPBCK=2 PRO / BPBCK=5 Resub / BPBCK=0 Realtime~~  ;  ; BPBCK = 1 Backbill / 2 PRO / 5 Resub / 0 Realtime  ; BPRTBCK = 3 Backbill / 4 PRO / 5 Resub / 2 Realtime  ;  S BPBCKX=$S(BPBCK=1:3,BPBCK=2:4,BPBCK=5:5,BPBCK=0:2,1:"") ;convert to BPRTBCK value  ;  ; If user doesn't want all transmission types (BPRTBCK'=1),  ; then figure out if this transaction is OK  ~~S BPSTOP=0  I BPRTBCK'=1 D  I BPSTOP G XPROC  . I BPRTBCK=2,BPBCK'=0 S BPSTOP=1 Q    ; Realtime check  . I BPRTBCK=3,BPBCK'=1 S BPSTOP=1 Q    ; Backbill check  . I BPRTBCK=4,BPBCK'=2 S BPSTOP=1 Q    ; PRO option check  . I BPRTBCK=5,BPBCK'=5 S BPSTOP=1 Q    ; Resubmission check  . Q~~  I BPRTBCK’=1,BPRTBCK'[BPBCKX G XPROC  ;  ;Check for MAIL/WINDOW/CMOP/ALL  I BPMWC'="A",BPMWC'[$$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 (",2,9,")[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 | | | | | | | | |

A new subroutine will be created that will check to see if the Prescriber for this transaction matches any of Prescriber’s the user selected.

| Subroutine Name | **CKPRESC^BPSRPT1** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| PROCESS^BPSRPT1 | | | $$GET1^DIC | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BP59  Definition: pointer to BPS TRANSACTIONS  New  Modify  Delete  No Change  Name: BPRESC  Definition: string of Prescriber’s selected separated by a comma  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: FND  Definition: 1=selected Prescriber is the Prescriber for this transaction, otherwise 0 (zero)  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Determine if the Prescriber for claim was one of the Prescribers selected  ;  ; Input Variables: BPS59 - Lookup to BPS TRANSACTION (#59)  ; BPSRESC - string of Prescribers selected separated by a comma  ;  ; Return Value -> 1 = Prescriber is on the list of selected Prescribers   ; 0 = RX and/or Prescriber not found, or the Prescriber for this  ; transaction isn't one of the selected Prescribers  ; CKPRESC(BPS59,BPSPRESC) ;  ;   N BPSFND,BPSRX,BPSRXPRSC  ;  S BPSFND=0 ; Initialize to zero.  ;  ; get the prescription number ien from the BPS TRANSACTION file  S BPSRX=$$GET1^DIQ(9002313.59,BPS59,1.11,"I")  ;  ; if the prescription number didn't exist   I BPSRX="" G CKPRESCX  ;  ; get the prescriber ien from the PRESCRIPTION file  S BPSRXPRSC=$$GET1^DIQ(52,BPSRX,4,"I")  ;  ; if the prescriber didn't exist BPRESC   I BPSRXPRSC="" G CKPRESCX  ;  ; The Prescriber for this transaction is one of the Prescribers selected  I BPSPRESC[BPSRXPRSC S BPSFND=1  ; CKPRESCX ;  Q BPSFND | | | | | | | | |

The following modifications will need to be made to the report header:

* add the Prescriber and Patient to the heading on the last line,
* after the insurance name add a dash followed by the BIN
* remove the Claim ID and replace with the Drug
* put the Prescriber ID and Name where the Drug was previously
* Eligibility will display a value of ALL or will display the selections using the abbreviations VET, TRI or CVA
* the Insurance, Reject Code, Drugs/Classes, Prescriber and Patient will have a value of ALL or SELECTED

| Subroutine Name | **HDR^BPSRPT7** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| REPORT^BPSRPT5,  CHKP^BPSRPT5 | | | HDR^BPSRPT8. $$GETDIVS^BPSRPT4, $$BPINS, $$GETCLR^BPSRPT6, $$DRGNAM^BPSRPT6, $$GETREJ^BPSRPT4, $$ELIG, $$NBSTS, $$DATTIM^BPSRPT1, ULINE^BPSRPT5, HEADLN1^BPSRPT4, HEADLN2^BPSRPT4, HEADLN3^BPSRPT4, $$DIVNAME^BPSSCRDS, WRPLAN^BPSRPT5 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: report number (1-9)  New  Modify  Delete  No Change  Name: BPRPTNAM  Definition: Report Name  New  Modify  Delete  No Change  Name: BPPAGE  Definition: report page number  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| BPSRPT7 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,3,5,7,8,10,11,19,20\*\*;JUN 2004;Build 27    ...   ;Print Report Header  ; Input variables (defined in BPSRPT0) - BPPHARM,BPSUMDET,BPNOW,BPMWC,BPRTBCK,BPINSINF  ; BPREJCD,BPCCRSN,BPAUTREV,BPACREJ,BPQSTDRG  ; BPDRUG,BPDRGCL,BPRLNRL,BPSORT,BPBEGDT,BPENDDT  ; Output variable - BPSDATA -> Reset to 0 to show no actual data has been printed  ; on the screen  ; BPPAGE -> First set in BPSRPT0  ; BPBLINE -> Controls whether to print a blank line  ;  HDR(BPRTYPE,BPRPTNAM,BPPAGE) ;  ;Display Excel Header  I BPEXCEL D HDR^BPSRPT8(BPRTYPE) Q  ;  ; Define BPPDATA - Tells whether data has been displayed for a screen  S BPSDATA=0  S BPBLINE=""  S BPPAGE=$G(BPPAGE)+1  W @IOF  W "ECME "\_BPRPTNAM\_" "\_$S(BPSUMDET=1:"SUMMARY",1:"DETAIL")\_" REPORT"  W ?89,"Print Date: "\_$G(BPNOW)\_" Page:",$J(BPPAGE,3)  W !,"DIVISION(S): ",$$GETDIVS^BPSRPT4(72,.BPPHARM)  W ?86,"Fill Locations: "\_$S(BPMWC="A":"C,M,W",1:BPMWC)  I BPRTYPE'=9 W ?110,"Fill type: "\_$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:$$BPINS(BPINSINF))  I (",7,")[BPRTYPE W ?44,"Close Reason: ",$E($$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"  W ?87,"Drugs/Classes: "\_$S(BPQSTDRG=2:$$DRGNAM^BPSRPT6(BPDRUG,30),BPQSTDRG=3:$E(BPDRGCL,1,30),1:"ALL")  I (",2,")[BPRTYPE W !,"Reject Code: ",$E($$GETREJ^BPSRPT4(BPREJCD),1,28),?89,"Eligibility: ",$S(BPELIG="V":"VET",BPELIG="T":"TRI",BPELIG="C":"CVA",1:"ALL"),?111,"Open/Closed: ",$S(BPOPCL=1:"CLOSED",BPOPCL=2:"OPEN",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,$G(BPGRPLAN)'="~" D WRPLAN^BPSRPT5(BPGRPLAN)  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| BPSRPT7 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,3,5,7,8,10,11,19,20,23\*\*;JUN 2004;Build 27    ...   ;Print Report Header  ; Input variables (passed in) – BPRTYPE -> number of report  ; - BPRPTNAM -> report name  ; - BPPAGE -> report page number  ; Input variables (defined in BPSRPT0) - BPPHARM,BPSUMDET,BPNOW,BPMWC,BPRTBCK,BPINSINF  ; BPREJCD,BPCCRSN,BPAUTREV,BPACREJ,BPQSTDRG  ; BPDRUG,BPDRGCL,BPRESC,BPOPCL,BPRLNRL,  ; BPSORT,BPBEGDT,BPENDDT  ; Output variable - BPSDATA -> Reset to 0 to show no actual data has been printed  ; on the screen  ; BPPAGE -> First set in BPSRPT0, report page number  ; BPBLINE -> Controls whether to print a blank line  ;  HDR(BPRTYPE,BPRPTNAM,BPPAGE) ;  ;Display Excel Header  I BPEXCEL D HDR^BPSRPT8(BPRTYPE) Q  ;  ; Define BPPDATA - Tells whether data has been displayed for a screen  S BPSDATA=0  S BPBLINE=""  S BPPAGE=$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 | | | | | | | | |

Modify this subroutine to add the BIN after the Insurance Name.

| Subroutine Name | **WRPLAN^BPSRPT5** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| HDR^BPSRPT7, REPORT^BPSRPT5 | | | $$CHKP,  ULINE,  $$GET1^DIQ | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPGRPLAN  Definition: Insurance Name  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Display the Insurance  ; Input Variable -> BPSDATA -> if 0, skip page check  ; BPEXCEL -> 1 - Print to Excel/0 Regular Display  WRPLAN(BPGRPLAN) N INS,NP  ;  I BPSUMDET'=0 Q  I BPEXCEL Q  ;Skip for Recent Transactions and Totals by Date Reports  I BPRTYPE=5!(BPRTYPE=6) Q  I $G(BPSDATA) S NP=$$CHKP(5) Q:BPQ!NP  ;Get and display the Insurance Name  S INS=$E(BPGRPLAN,1,90)  I INS]"" D  .D ULINE("-")  .W !,INS  .D ULINE("-")  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Display the Insurance  ; Input Variable -> BPSDATA -> if 0, skip page check  ; BPEXCEL -> 1 - Print to Excel/0 Regular Display  WRPLAN(BPGRPLAN) ;~~N INS,NP~~  N GPIEN,INS,NP  ;  I BPSUMDET'=0 Q  I BPEXCEL Q  ;Skip for Recent Transactions and Totals by Date Reports  I BPRTYPE=5!(BPRTYPE=6) Q  I $G(BPSDATA) S NP=$$CHKP(5) Q:BPQ!NP  ;Get and display the Insurance Name  S INS=$E(BPGRPLAN,1,90)  I INS]"" D  . D ULINE("-")  . W !,INS  . ;include the Insurance Bin after the Insurance name  . I (",2,")[BPRTYPE D  . . W " - ",$$INSBIN^BPSRPT6($P(BPX,U,3))  . D ULINE("-")  Q | | | | | | | | |

Modify line 2 of the print header to remove Drug and replace it with Prescriber ID – Name.

| Subroutine Name | **HEADLN2^BPSRPT4** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| HDR^BPSRPT7 | | | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: report number (1-9)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Print Header 2 Line 2  ;  ; Input variable: BPRTYPE -> Report Type (1-7)  ;  HEADLN2(BPRTYPE) ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . W !,?4,"DRUG"  . W ?36,"NDC"  . I BPRTYPE=1 W ?47,"RELEASED ON"  . W ?68,"RX INFO"  . I BPRTYPE=4 W ?92,"RX COB"  . I BPRTYPE=1 W ?115,$J("BILL# RX COB",17)  ;  I BPRTYPE=2 D  Q  . W !,?3,"CARDHOLD.ID"  . W ?31,"GROUP ID"  . W ?41,$J("$BILLED",10)  . W ?54,"QTY"  . W ?61,"NDC#"  . W ?82,"DRUG"  ;  . . . | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Print Header 2 Line 2  ;  ; Input variable: BPRTYPE -> Report Type (1-~~7~~9)  ;  HEADLN2(BPRTYPE) ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . W !,?4,"DRUG"  . W ?36,"NDC"  . I BPRTYPE=1 W ?47,"RELEASED ON"  . W ?68,"RX INFO"  . I BPRTYPE=4 W ?92,"RX COB"  . I BPRTYPE=1 W ?115,$J("BILL# RX COB",17)  ;  I BPRTYPE=2 D  Q  . W !,?3,"CARDHOLD.ID"  . W ?31,"GROUP ID"  . W ?41,$J("$BILLED",10)  . W ?54,"QTY"  . W ?61,"NDC#"  ~~. W ?82,"DRUG"~~  . W ?82,"PRESCRIBER ID - NAME"  ;  . . . | | | | | | | | |

The second line of the report will be modified to remove the Drug name and replace it with the Prescriber ID and Name.

| Subroutine Name | **WRLINE2^BPSRPT5** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| REPORT^BPSRPT5 | | | WRLINE2^BPSRPT8, $$DRGNAM$$BPSRPT6, $$DATTIM^BPSRPT1, $$MWC^BPSRPT6, $$RTBCKNAM^BPSRPT1, $$RTBCK^BPSRPT1, $$RXSTATUS$BPSPRT6, $$RXCOB^BPSRPT8, $$BILLCOB, $$CRDHLDID^BPSRPT2, $$GRPID^BPSRPT2, $$QTY^BPSRPT6, $$GETNDC^BPSRPT6, $$DRGNAM^BPSRPT6,  $$PRESCIN^BPSRPT6 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: report number (1-9)  New  Modify  Delete  No Change  Name: BPREC  Definition:  New  Modify  Delete  No Change  Name: BPX  Definition:  New  Modify  Delete  No Change  Name: BPRX  Definition:  New  Modify  Delete  No Change  Name: BPREF  Definition:  New  Modify  Delete  No Change  Name: BPBIL  Definition: billed amount  New  Modify  Delete  No Change  Name: BPGRPLAN  Definition: insurance name  New  Modify  Delete  No Change  Name: BPEXCEL  Definition: indicates if user selected Excel report  New  Modify  Delete  No Change  Name: BPICNT  Definition:  New  Modify  Delete  No Change  Name: BPPSEQ  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Print Report Line 2 WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPEXCEL,BPICNT,BPPSEQ) ;  ;Excel Output  I $G(BPEXCEL) D WRLINE2^BPSRPT8(BPRTYPE,.BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPPSEQ) Q  ;Report Output  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . W !,?4,$$DRGNAM^BPSRPT6($P(BPX,U,14),27),?32,$$GETNDC^BPSRPT6(BPRX,BPREF)  . I BPRTYPE=1 W ?47,$$DATTIM^BPSRPT1(+BPX)  . W ?68,$$MWC^BPSRPT6(BPRX,BPREF)  . W ?71,$$RTBCKNAM^BPSRPT1($$RTBCK^BPSRPT1($P(BPX,U,3)))  . W ?75,$$RXSTATUS^BPSRPT6($P(BPX,U,3))  . W ?77,$S($P(BPX,U):"/R",1:"/N")  . W ?82,$S($P(BPX,U,13):"REJ",1:"")  . I BPRTYPE=4 W ?92,$$RXCOB^BPSRPT8(BPPSEQ)  . I BPRTYPE=1 W ?115,$$BILLCOB(BPRX,BPREF,BPPSEQ)  I BPRTYPE=2 D  Q  . W !,?3,$E($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)  . W ?31,$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)  . W ?41,$J(BPBIL,10,2)  . W ?54,$$QTY^BPSRPT6($P(BPX,U,3))  . W ?61,$$GETNDC^BPSRPT6(BPRX,BPREF)  . W ?82,$$DRGNAM^BPSRPT6($P(BPX,U,14),32)  . . . | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Print Report Line 2 WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPEXCEL,BPICNT,BPPSEQ) ;  ;Excel Output  N BPSX  I $G(BPEXCEL) D WRLINE2^BPSRPT8(BPRTYPE,.BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPPSEQ) Q  ;Report Output  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . W !,?4,$$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($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)  . W ?31,$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)  . W ?41,$J(BPBIL,10,2)  . W ?54,$$QTY^BPSRPT6($P(BPX,U,3))  . W ?61,$$GETNDC^BPSRPT6(BPRX,BPREF) ~~. W ?82,$$DRGNAM^BPSRPT6($P(BPX,U,14),32)~~  . S BPSX=$$PRESCIN^BPSRPT6($P(BPX,U,3))  . W ?82,$P(BPSX,U)\_" – "\_$P(BPSX,U,2)  . . . | | | | | | | | |

Modify the routine to move the call to WRPLAN. The call needs to be made after BPX is set. BPX contains the pointer to file #9002313.59 which is needed to get the Insurance Bin to be displayed. Modify the report to remove the Claim ID and replace it with the Drug Name.

| Subroutine Name | **REPORT^BPSRPT5** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| RUN^BPSRPT0 | | | HDR^BPSRPT7, WRPLAN, $$COB59^BPSUTIL2, $$ELAPSE^BPSRPT6, $$BILLED^BPSRPT7, $$INSPAID^BPSRPT2, $$COLLECTD^BPSRPT6, $$PRICEVAL, $$CHKP, WRLINE1, WRLINE2, WRLINE3, COMMENT, $$CLAIMID^BPSRPT2, $$REJTEXT^BPSRPT2, PTBDT^BPSRPT7, ITOT^BPSRPT7, TOTALS^BPSRPT7, PAUSE^BPSRPT1, PGTOT6^BPSRPT7, PGTOT^BPSRPT7, $$DRGNAM^BPSRPT6 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: REF  Definition: TMP global  New  Modify  Delete  No Change  Name: BPEXCEL  Definition: indicates if user selected Excel report  New  Modify  Delete  No Change  Name: BPSCR  Definition:  New  Modify  Delete  No Change  Name: BPSRPTNAM  Definition: Report Name  New  Modify  Delete  No Change  Name: BPSUMDET  Definition: indicates if the user selected Summary or Detail format  New  Modify  Delete  No Change  Name: BPPAGE  Definition: page number  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Display the Report  REPORT(REF,BPEXCEL,BPSCR,BPRPTNAM,BPSUMDET,BPPAGE) ;  N BPBIL,BPBLINE,BPCOLL,BPDFN,BPDIV,BPELTM,BPGELTM,BPGBIL,BPGINS,BPGCOLL,BPGCNT,BPGRPLAN,BPINS,BPLINES,BPREC,BPREF,BPRX,BPSRTDT,BPSTATUS,BPTBIL,BPTCOLL,BPTINS,BPX,BPSGTOT,NP,BPSDATA  N BPPSEQ,BPBILINF,BPRICINF  N BPGPRICE,BPG128,BPG129,BPG133,BPG134,BPG135,BPG136,BPG137  N BPIPRICE,BPI128,BPI129,BPI133,BPI134,BPI135,BPI136,BPI137  N BPTPRICE,BPT128,BPT129,BPT133,BPT134,BPT135,BPT136,BPT137  I '$D(@REF) D HDR^BPSRPT7(BPRTYPE,BPRPTNAM,.BPPAGE) W !,"No data meets the criteria." G XREPORT  S (BPGBIL,BPGINS,BPGCOLL,BPGCNT,BPGELTM,BPGPRICE,BPG128,BPG129,BPG133,BPG134,BPG135,BPG136,BPG137)=0  S BPDIV="" F S BPDIV=$O(@REF@(BPDIV)) Q:BPDIV="" D Q:BPQ  .S BPGRPLAN=""  .D HDR^BPSRPT7(BPRTYPE,BPRPTNAM,.BPPAGE)  .N BPCNT S (BPTBIL,BPTINS,BPTCOLL,BPCNT,BPELTM,BPTPRICE,BPT128,BPT129,BPT133,BPT134,BPT135,BPT136,BPT137)=0  .F S BPGRPLAN=$O(@REF@(BPDIV,BPGRPLAN)) Q:BPGRPLAN="" D Q:BPQ  .. I BPSUMDET=0 D WRPLAN(BPGRPLAN) Q:BPQ  .. S BPBLINE="" ;Reset Blank Line Indicator  .. N BPSCLM,BPREC,BPTOT,BPIBIL,BPICNT,BPICOL,BPIINS  .. S (BPIBIL,BPICNT,BPICOL,BPIINS,BPIPRICE,BPI128,BPI129,BPI133,BPI134,BPI135,BPI136,BPI137)=0  .. S BPDFN="" F S BPDFN=$O(@REF@(BPDIV,BPGRPLAN,BPDFN)) Q:BPDFN="" D Q:BPQ  ... S BPSRTDT="" F S BPSRTDT=$O(@REF@(BPDIV,BPGRPLAN,BPDFN,BPSRTDT)) Q:BPSRTDT="" D Q:BPQ  .... S BPRX="" F S BPRX=$O(@REF@(BPDIV,BPGRPLAN,BPDFN,BPSRTDT,BPRX)) Q:BPRX="" D Q:BPQ  ..... S BPREF="" F S BPREF=$O(@REF@(BPDIV,BPGRPLAN,BPDFN,BPSRTDT,BPRX,BPREF)) Q:BPREF="" D Q:BPQ  ...... S BPX=@REF@(BPDIV,BPGRPLAN,BPDFN,BPSRTDT,BPRX,BPREF)  ...... S BPCNT=BPCNT+1,BPGCNT=BPGCNT+1,BPICNT=BPICNT+1  ...... S BPPSEQ=+$$COB59^BPSUTIL2($P(BPX,U,3))  ...... I BPRTYPE=5 D  ....... S BPELTM=BPELTM+$$ELAPSE^BPSRPT6($P(BPX,U,3))  ....... S BPGELTM=BPGELTM+$$ELAPSE^BPSRPT6($P(BPX,U,3))  ...... I BPRTYPE=9 D  ....... S (BPBIL,BPINS,BPTINS,BPGINS,BPIINS,BPBILINF,BPCOLL,BPTCOLL,BPGCOLL,BPICOL)=""  ....... S BPTBIL=BPTBIL+$P(BPX,U,2),BPGBIL=BPGBIL+$P(BPX,U,2),BPIBIL=BPIBIL+$P(BPX,U,2)  ...... E D  ....... S BPBIL=$$BILLED^BPSRPT7($P(BPX,U,3)),BPTBIL=BPTBIL+BPBIL,BPGBIL=BPGBIL+BPBIL,BPIBIL=BPIBIL+BPBIL  ....... S BPINS=$$INSPAID^BPSRPT2($P(BPX,U,3)),BPTINS=BPTINS+BPINS,BPGINS=BPGINS+BPINS,BPIINS=BPIINS+BPINS  ....... S BPBILINF=$$COLLECTD^BPSRPT6(BPRX,BPREF,BPPSEQ)  ....... S BPCOLL=+BPBILINF,BPTCOLL=BPTCOLL+BPCOLL,BPGCOLL=BPGCOLL+BPCOLL,BPICOL=BPICOL+BPCOLL  ...... I BPRTYPE=6 D Q  ....... S BPSTATUS=$P(BPX,U,7)  ....... I BPSTATUS["REJECT" S $P(BPSCLM(BPSRTDT),U,3)=$P($G(BPSCLM(BPSRTDT)),U,3)+BPBIL  ....... I BPSTATUS["PAYABLE" S $P(BPSCLM(BPSRTDT),U,4)=$P($G(BPSCLM(BPSRTDT)),U,4)+BPBIL  ....... S $P(BPSCLM(BPSRTDT),U,2)=$P($G(BPSCLM(BPSRTDT)),U,2)+BPBIL  ....... S $P(BPSCLM(BPSRTDT),U,5)=$P($G(BPSCLM(BPSRTDT)),U,5)+BPINS  ....... S $P(BPSCLM(BPSRTDT),U)=$P($G(BPSCLM(BPSRTDT)),U)+1  ...... I BPRTYPE=8 D  ....... ;Get Pricing Information for totals  ....... S BPRICINF=$$PRICEVAL(+$P(BPX,U,3))  ....... S BPI128=BPI128+$P($G(BPRICINF),U),BPI129=BPI129+$P($G(BPRICINF),U,2),BPI133=BPI133+$P($G(BPRICINF),U,3),BPI134=BPI134+$P($G(BPRICINF),U,4)  ....... S BPI135=BPI135+$P($G(BPRICINF),U,5),BPI136=BPI136+$P($G(BPRICINF),U,6),BPI137=BPI137+$P($G(BPRICINF),U,7)  ....... S BPT128=BPT128+$P($G(BPRICINF),U),BPT129=BPT129+$P($G(BPRICINF),U,2),BPT133=BPT133+$P($G(BPRICINF),U,3),BPT134=BPT134+$P($G(BPRICINF),U,4)  ....... S BPT135=BPT135+$P($G(BPRICINF),U,5),BPT136=BPT136+$P($G(BPRICINF),U,6),BPT137=BPT137+$P($G(BPRICINF),U,7)  ....... S BPG128=BPG128+$P($G(BPRICINF),U),BPG129=BPG129+$P($G(BPRICINF),U,2),BPG133=BPG133+$P($G(BPRICINF),U,3),BPG134=BPG134+$P($G(BPRICINF),U,4)  ....... S BPG135=BPG135+$P($G(BPRICINF),U,5),BPG136=BPG136+$P($G(BPRICINF),U,6),BPG137=BPG137+$P($G(BPRICINF),U,7)  ....... S BPIPRICE=BPI128\_U\_BPI129\_U\_BPI133\_U\_BPI134\_U\_BPI135\_U\_BPI136\_U\_BPI137  ....... S BPTPRICE=BPT128\_U\_BPT129\_U\_BPT133\_U\_BPT134\_U\_BPT135\_U\_BPT136\_U\_BPT137  ....... S BPGPRICE=BPG128\_U\_BPG129\_U\_BPG133\_U\_BPG134\_U\_BPG135\_U\_BPG136\_U\_BPG137  ...... ;Display Detail Section  ...... Q:BPSUMDET=1  ...... S BPREC="" ;Reset Excel Display Variable  ...... I 'BPEXCEL,BPRTYPE=1,BPBLINE=1 S NP=$$CHKP(2) Q:BPQ I BPBLINE=1 W ! ;Print blank line  ...... S NP=$$CHKP(1) Q:BPQ D WRLINE1(BPRTYPE,.BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPEXCEL,BPPSEQ)  ...... S NP=$$CHKP(1) Q:BPQ D WRLINE2(BPRTYPE,.BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPEXCEL,.BPICNT,BPPSEQ)  ...... D WRLINE3(BPRTYPE,.BPREC,BPX,BPEXCEL)  ...... I (",2,7,8")[BPRTYPE,'BPEXCEL D Q:BPQ  ....... D COMMENT(+$P(BPX,U,3)) Q:BPQ  ....... S NP=$$CHKP(1) Q:BPQ  ....... W !,?10,"Claim ID: ",$$CLAIMID^BPSRPT2(+$P(BPX,U,3))  ....... N BPSARR,BPRJCNT,BPZZ S BPRJCNT=$$REJTEXT^BPSRPT2(+$P(BPX,U,3),.BPSARR)  ....... F BPZZ=1:1:BPRJCNT S NP=$$CHKP(1) Q:BPQ W !,?10,BPSARR(BPZZ) Q:BPQ  ...... I 'BPEXCEL,BPRTYPE=1 S BPBLINE=1 ;Set Blank Line Display Indicator  .. I BPRTYPE=6 D PTBDT^BPSRPT7(BPDIV,BPSUMDET,.BPSCLM,.BPSGTOT)  .. I 'BPQ,(",1,2,3,4,7,8,9,")[BPRTYPE,'BPEXCEL S NP=$$CHKP(5) Q:BPQ D ITOT^BPSRPT7(BPRTYPE,BPDIV,BPGRPLAN,BPIBIL,BPIINS,BPICOL,.BPICNT,BPIPRICE)  .I 'BPEXCEL,'BPQ,BPRTYPE'=6 S NP=$$CHKP(5) Q:BPQ D TOTALS^BPSRPT7(BPRTYPE,BPDIV,BPTBIL,BPTINS,BPTCOLL,.BPCNT,BPELTM,BPTPRICE)  .I 'BPEXCEL,'BPQ,$O(@REF@(BPDIV))]"" D:$G(BPSCR) PAUSE^BPSRPT1 Q:BPQ  ;Print Grand Totals  I 'BPEXCEL D  .I 'BPQ,BPRTYPE=6 D PGTOT6^BPSRPT7($G(BPSGTOT))  .I 'BPQ,BPRTYPE'=6 S NP=$$CHKP(5) Q:BPQ D PGTOT^BPSRPT7(BPRTYPE,BPGBIL,BPGINS,BPGCOLL,.BPGCNT,BPGELTM,BPGPRICE)  ;  XREPORT Q  ; | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Display the Report  REPORT(REF,BPEXCEL,BPSCR,BPRPTNAM,BPSUMDET,BPPAGE) ;  N BPBIL,BPBLINE,BPCOLL,BPDFN,BPDIV,BPELTM,BPGELTM,BPGBIL,BPGINS,BPGCOLL,BPGCNT,BPGRPLAN,BPINS,BPLINES,BPREC,BPREF,BPRX,BPSRTDT,BPSTATUS,BPTBIL,BPTCOLL,BPTINS,BPX,BPSGTOT,NP,BPSDATA  N BPPSEQ,BPBILINF,BPRICINF,BPINSBIN  N BPGPRICE,BPG128,BPG129,BPG133,BPG134,BPG135,BPG136,BPG137  N BPIPRICE,BPI128,BPI129,BPI133,BPI134,BPI135,BPI136,BPI137  N BPTPRICE,BPT128,BPT129,BPT133,BPT134,BPT135,BPT136,BPT137  I '$D(@REF) D HDR^BPSRPT7(BPRTYPE,BPRPTNAM,.BPPAGE) W !,"No data meets the criteria." G XREPORT  S (BPGBIL,BPGINS,BPGCOLL,BPGCNT,BPGELTM,BPGPRICE,BPG128,BPG129,BPG133,BPG134,BPG135,BPG136,BPG137)=0  S BPDIV="" F S BPDIV=$O(@REF@(BPDIV)) Q:BPDIV="" D Q:BPQ  .S BPGRPLAN=""  .D HDR^BPSRPT7(BPRTYPE,BPRPTNAM,.BPPAGE)  .N BPCNT S (BPTBIL,BPTINS,BPTCOLL,BPCNT,BPELTM,BPTPRICE,BPT128,BPT129,BPT133,BPT134,BPT135,BPT136,BPT137)=0  .F S BPGRPLAN=$O(@REF@(BPDIV,BPGRPLAN)) Q:BPGRPLAN="" D Q:BPQ  ~~.. I BPSUMDET=0 D WRPLAN(BPGRPLAN) Q:BPQ~~  ~~.. S BPBLINE="" ;Reset Blank Line Indicator~~  .. S BPINSBIN=0  .. N BPSCLM,BPREC,BPTOT,BPIBIL,BPICNT,BPICOL,BPIINS  .. S (BPIBIL,BPICNT,BPICOL,BPIINS,BPIPRICE,BPI128,BPI129,BPI133,BPI134,BPI135,BPI136,BPI137)=0  .. S BPDFN="" F S BPDFN=$O(@REF@(BPDIV,BPGRPLAN,BPDFN)) Q:BPDFN="" D Q:BPQ  ... S BPSRTDT="" F S BPSRTDT=$O(@REF@(BPDIV,BPGRPLAN,BPDFN,BPSRTDT)) Q:BPSRTDT="" D Q:BPQ  .... S BPRX="" F S BPRX=$O(@REF@(BPDIV,BPGRPLAN,BPDFN,BPSRTDT,BPRX)) Q:BPRX="" D Q:BPQ  ..... S BPREF="" F S BPREF=$O(@REF@(BPDIV,BPGRPLAN,BPDFN,BPSRTDT,BPRX,BPREF)) Q:BPREF="" D Q:BPQ  ...... S BPX=@REF@(BPDIV,BPGRPLAN,BPDFN,BPSRTDT,BPRX,BPREF)   ...... I BPSUMDET=0,BPINSBIN=0 D  ....... D WRPLAN(BPGRPLAN) S BPINSBIN=1 ;Set Insurance/Bin Indicator  ....... S BPBLINE=""  ;Reset Blank Line Indicator  ...... S BPCNT=BPCNT+1,BPGCNT=BPGCNT+1,BPICNT=BPICNT+1  ...... S BPPSEQ=+$$COB59^BPSUTIL2($P(BPX,U,3))  ...... I BPRTYPE=5 D  ....... S BPELTM=BPELTM+$$ELAPSE^BPSRPT6($P(BPX,U,3))  ....... S BPGELTM=BPGELTM+$$ELAPSE^BPSRPT6($P(BPX,U,3))  ...... I BPRTYPE=9 D  ....... S (BPBIL,BPINS,BPTINS,BPGINS,BPIINS,BPBILINF,BPCOLL,BPTCOLL,BPGCOLL,BPICOL)=""  ....... S BPTBIL=BPTBIL+$P(BPX,U,2),BPGBIL=BPGBIL+$P(BPX,U,2),BPIBIL=BPIBIL+$P(BPX,U,2)  ...... E D  ....... S BPBIL=$$BILLED^BPSRPT7($P(BPX,U,3)),BPTBIL=BPTBIL+BPBIL,BPGBIL=BPGBIL+BPBIL,BPIBIL=BPIBIL+BPBIL  ....... S BPINS=$$INSPAID^BPSRPT2($P(BPX,U,3)),BPTINS=BPTINS+BPINS,BPGINS=BPGINS+BPINS,BPIINS=BPIINS+BPINS  ....... S BPBILINF=$$COLLECTD^BPSRPT6(BPRX,BPREF,BPPSEQ)  ....... S BPCOLL=+BPBILINF,BPTCOLL=BPTCOLL+BPCOLL,BPGCOLL=BPGCOLL+BPCOLL,BPICOL=BPICOL+BPCOLL  ...... I BPRTYPE=6 D Q  ....... S BPSTATUS=$P(BPX,U,7)  ....... I BPSTATUS["REJECT" S $P(BPSCLM(BPSRTDT),U,3)=$P($G(BPSCLM(BPSRTDT)),U,3)+BPBIL  ....... I BPSTATUS["PAYABLE" S $P(BPSCLM(BPSRTDT),U,4)=$P($G(BPSCLM(BPSRTDT)),U,4)+BPBIL  ....... S $P(BPSCLM(BPSRTDT),U,2)=$P($G(BPSCLM(BPSRTDT)),U,2)+BPBIL  ....... S $P(BPSCLM(BPSRTDT),U,5)=$P($G(BPSCLM(BPSRTDT)),U,5)+BPINS  ....... S $P(BPSCLM(BPSRTDT),U)=$P($G(BPSCLM(BPSRTDT)),U)+1  ...... I BPRTYPE=8 D  ....... ;Get Pricing Information for totals  ....... S BPRICINF=$$PRICEVAL(+$P(BPX,U,3))  ....... S BPI128=BPI128+$P($G(BPRICINF),U),BPI129=BPI129+$P($G(BPRICINF),U,2),BPI133=BPI133+$P($G(BPRICINF),U,3),BPI134=BPI134+$P($G(BPRICINF),U,4)  ....... S BPI135=BPI135+$P($G(BPRICINF),U,5),BPI136=BPI136+$P($G(BPRICINF),U,6),BPI137=BPI137+$P($G(BPRICINF),U,7)  ....... S BPT128=BPT128+$P($G(BPRICINF),U),BPT129=BPT129+$P($G(BPRICINF),U,2),BPT133=BPT133+$P($G(BPRICINF),U,3),BPT134=BPT134+$P($G(BPRICINF),U,4)  ....... S BPT135=BPT135+$P($G(BPRICINF),U,5),BPT136=BPT136+$P($G(BPRICINF),U,6),BPT137=BPT137+$P($G(BPRICINF),U,7)  ....... S BPG128=BPG128+$P($G(BPRICINF),U),BPG129=BPG129+$P($G(BPRICINF),U,2),BPG133=BPG133+$P($G(BPRICINF),U,3),BPG134=BPG134+$P($G(BPRICINF),U,4)  ....... S BPG135=BPG135+$P($G(BPRICINF),U,5),BPG136=BPG136+$P($G(BPRICINF),U,6),BPG137=BPG137+$P($G(BPRICINF),U,7)  ....... S BPIPRICE=BPI128\_U\_BPI129\_U\_BPI133\_U\_BPI134\_U\_BPI135\_U\_BPI136\_U\_BPI137  ....... S BPTPRICE=BPT128\_U\_BPT129\_U\_BPT133\_U\_BPT134\_U\_BPT135\_U\_BPT136\_U\_BPT137  ....... S BPGPRICE=BPG128\_U\_BPG129\_U\_BPG133\_U\_BPG134\_U\_BPG135\_U\_BPG136\_U\_BPG137  ...... ;Display Detail Section  ...... Q:BPSUMDET=1  ...... S BPREC="" ;Reset Excel Display Variable  ...... I 'BPEXCEL,BPRTYPE=1,BPBLINE=1 S NP=$$CHKP(2) Q:BPQ I BPBLINE=1 W ! ;Print blank line  ...... S NP=$$CHKP(1) Q:BPQ D WRLINE1(BPRTYPE,.BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPEXCEL,BPPSEQ)  ...... S NP=$$CHKP(1) Q:BPQ D WRLINE2(BPRTYPE,.BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPEXCEL,.BPICNT,BPPSEQ)  ...... D WRLINE3(BPRTYPE,.BPREC,BPX,BPEXCEL)  ...... I (",2,7,8")[BPRTYPE,'BPEXCEL D Q:BPQ  ....... D COMMENT(+$P(BPX,U,3)) Q:BPQ  ....... S NP=$$CHKP(1) Q:BPQ  ....... I (",2,")’[BPRTYPE W !,?10,"Claim ID: ",$$CLAIMID^BPSRPT2(+$P(BPX,U,3))  ....... E W !,?10,$$DRGNAM^BPSRPT6($P(BPX,U,14),34)  ....... N BPSARR,BPRJCNT,BPZZ S BPRJCNT=$$REJTEXT^BPSRPT2(+$P(BPX,U,3),.BPSARR)  ....... F BPZZ=1:1:BPRJCNT S NP=$$CHKP(1) Q:BPQ W !,?10,BPSARR(BPZZ) Q:BPQ  ...... I 'BPEXCEL,BPRTYPE=1 S BPBLINE=1 ;Set Blank Line Display Indicator  .. I BPRTYPE=6 D PTBDT^BPSRPT7(BPDIV,BPSUMDET,.BPSCLM,.BPSGTOT)  .. I 'BPQ,(",1,2,3,4,7,8,9,")[BPRTYPE,'BPEXCEL S NP=$$CHKP(5) Q:BPQ D ITOT^BPSRPT7(BPRTYPE,BPDIV,BPGRPLAN,BPIBIL,BPIINS,BPICOL,.BPICNT,BPIPRICE)  .I 'BPEXCEL,'BPQ,BPRTYPE'=6 S NP=$$CHKP(5) Q:BPQ D TOTALS^BPSRPT7(BPRTYPE,BPDIV,BPTBIL,BPTINS,BPTCOLL,.BPCNT,BPELTM,BPTPRICE)  .I 'BPEXCEL,'BPQ,$O(@REF@(BPDIV))]"" D:$G(BPSCR) PAUSE^BPSRPT1 Q:BPQ  ;Print Grand Totals  I 'BPEXCEL D  .I 'BPQ,BPRTYPE=6 D PGTOT6^BPSRPT7($G(BPSGTOT))  .I 'BPQ,BPRTYPE'=6 S NP=$$CHKP(5) Q:BPQ D PGTOT^BPSRPT7(BPRTYPE,BPGBIL,BPGINS,BPGCOLL,.BPGCNT,BPGELTM,BPGPRICE)  ;  XREPORT Q  ; | | | | | | | | |

The Excel header will be modified to shorten several column headings, remove CARDH. ID and CLAIM ID, replace the REJECT CODE(S) with MULT REJ, and add BIN, PRESCRIBER ID, and PRESCRIBER (name).

| Subroutine Name | **HDR^BPSRPT8** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| HDR^BPSRPT7 | | | n/a | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: report number (1-9)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| BPSRPT8 ;BHAM ISC/BEE - ECME REPORTS ;14-FEB-05  ;;1.0;E CLAIMS MGMT ENGINE;\*\*1,3,5,7,8,10,11,19,20\*\*;JUN 2004;Build 27  ...   ;Print Excel Header  ; HDR(BPRTYPE) ;  ;  ;Check if header already printed  I $G(BPSDATA) Q  S BPSDATA=1  ;  ;Division  W !,"DIVISION",U  ;  I BPRTYPE'=5,BPRTYPE'=6 W "INSURANCE",U  ;  I (",1,2,3,4,5,7,8,9,")[BPRTYPE W "PATIENT NAME",U,"Pt.ID",U  ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . W "ELIGIBILITY",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "VA INGREDIENT COST",U  . W "VA DISPENSING FEE",U  . W "$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 "ELIGIBILITY",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "RELEASED ON",U  . W "FILL LOCATION",U  . W "FILL TYPE",U  . W "STATUS",U  . W "RX COB",U  . W "OPEN/CLOSED",U  . W "CARDHOLD.ID",U  . W "GROUP ID",U  . W "VA INGREDIENT COST",U  . W "VA DISPENSING FEE",U  . W "$BILLED",U  . W "QTY",U  . W "NDC#",U  . W "DRUG",U  . W "CLAIM ID",U  . W "REJECT CODE(S)",U  . W "REJECT CODE",U  . W "REJECT EXPLANATION"  ;  ... | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| BPSRPT8 ;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 Excel Header  ; HDR(BPRTYPE) ;  ;  ;Check if header already printed  I $G(BPSDATA) Q  S BPSDATA=1  ;  ;Division  W !,"DIVISION",U  ;  I BPRTYPE'=5,BPRTYPE'=6 W "INSURANCE",U  I (",2,")[BPRTYPE W "BIN",U  ;  I (",1,~~2,~~3,4,5,7,8,9,")[BPRTYPE W "PATIENT NAME",U,"Pt.ID",U  ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . W "ELIGIBILITY",U  . W "RX#",U  . W "REF/ECME#",U  . W "DATE",U  . W "VA INGREDIENT COST",U  . W "VA DISPENSING FEE",U  . W "$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 "CARDHOLD.ID",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 "CLAIM ID",U~~  . W "PRESCRIBER ID",U  . W "PRESCRIBER",U  ~~. W "REJECT CODE(S)",U~~  . W "MULT REJ",U   . W "REJECT CODE",U  . W "REJECT EXPLANATION"  ;  ... | | | | | | | | |

The first line of the Excel Report will be modified to truncate the Division name to 12, add the BIN after Insurance, truncate the Insurance Name to 21, truncate the Patient name to 13, and remove the parentheses before and after the L4SSN.

| Subroutine Name | **WRLINE1^BPSRPT8** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| WRLINE1^BPSRPT5 | | | $$DIVNAME^BPSSCRDS, $$PATNAME^BPSRPT6, $$SSN4^BPSRPT6, $$ELIGCODE^BPSSCR05, $$RXNUM^BPSRPT6, $$ECMENUM^BPSRPT1, $$DATTIME^BPSRPT1, $$INGRCST^BPSSCRLG, $$DISPFEE^BPSSCRLG, $$PTRESP^BPSSCRLG, $$INSBIN^BPSRPT6 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: report number (1-9)  New  Modify  Delete  No Change  Name: BPREC  Definition:  New  Modify  Delete  No Change  Name: BPDIV  Definition: pharmacy division  New  Modify  Delete  No Change  Name: BPGRPLAN  Definition: insurance name  New  Modify  Delete  No Change  Name: BPDFN  Definition: patient’s ien  New  Modify  Delete  No Change  Name: BPRX  Definition:  New  Modify  Delete  No Change  Name: BPREF  Definition:  New  Modify  Delete  No Change  Name: BPX  Definition:  New  Modify  Delete  No Change  Name: BPSRTDT  Definition:  New  Modify  Delete  No Change  Name: BPBIL  Definition: billed amount  New  Modify  Delete  No Change  Name: BPINS  Definition:  New  Modify  Delete  No Change  Name: BPCOLL  Definition:  New  Modify  Delete  No Change  Name: BPPSEQ  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Routine to Display the Reports in Excel  ;  ;Print Report Line 1  ;  ; Input Variable -> BPRTYPE,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT  ; BPBIL,BPINS,BPCOLL  ;  WRLINE1(BPRTYPE,BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPPSEQ) ;  ;  N BP59,BP02,BP03  S BP59=$P(BPX,U,3)  S BP02=+$P($G(^BPST(BP59,0)),U,4)  S BP03=+$P($G(^BPST(BP59,0)),U,5)  ;Division  S BPREC=$S(BPDIV=0:"BLANK",$$DIVNAME^BPSSCRDS(BPDIV)]"":$$DIVNAME^BPSSCRDS(BPDIV),1:BPDIV)\_U  ;Insurance  I BPRTYPE'=5,BPRTYPE'=6 S BPREC=BPREC\_$E(BPGRPLAN,1,90)\_U  S BPREC=BPREC\_$$PATNAME^BPSRPT6(BPDFN)\_U  ;Patient Name  S BPREC=BPREC\_"("\_$$SSN4^BPSRPT6(BPDFN)\_")"\_U ;L4SSN  ... | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Routine to Display the Reports in Excel  ;  ;Print Report Line 1  ;  ; Input Variable -> BPRTYPE,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT  ; BPBIL,BPINS,BPCOLL  ;  WRLINE1(BPRTYPE,BPREC,BPDIV,BPGRPLAN,BPDFN,BPRX,BPREF,BPX,BPSRTDT,BPBIL,BPINS,BPCOLL,BPPSEQ) ;  ;  N BP59,BP02,BP03  S BP59=$P(BPX,U,3)  S BP02=+$P($G(^BPST(BP59,0)),U,4)  S BP03=+$P($G(^BPST(BP59,0)),U,5)  ;Division  I (",2,")’[BPRTYPE S BPREC=$S(BPDIV=0:"BLANK",$$DIVNAME^BPSSCRDS(BPDIV)]"":$$DIVNAME^BPSSCRDS(BPDIV),1:BPDIV)\_U   I (",2,")[BPRTYPE S BPREC=$S(BPDIV=0:"BLANK",$$DIVNAME^BPSSCRDS(BPDIV)]"":$E($$DIVNAME^BPSSCRDS(BPDIV),1,12),1:$E(BPDIV1,12)\_U  ;  ;Insurance   I BPRTYPE'=5,BPRTYPE'=6,BPRTYPE’=2 S BPREC=BPREC\_$E(BPGRPLAN,1,90)\_U  ;  I (",2,")[BPRTYPE D  . S BPREC=BPREC\_$E(BPGRPLAN,1,21)\_U ;Insurance  . S BPREC=BPREC\_$$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  ;  ... | | | | | | | | |

The second line of the Excel report will be modified to remove the Cardholder ID and limit the Drug name to 15 characters.

| Subroutine Name | **WRLINE2^BPSRPT8** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| WRLINE2^BPSRPT5 | | | $$DRGNAM^BPSRPT6, $$DATTIME^BPSRPT1, $$MWC^BPSRPT6, $$RTBCKNAM^BPSRPT1, $$RXSTATUS^BPSRPT6, $$RXCOB, $$BILL^BPSRPT6, $$CRDHLDID^BPSRPT2, $$GRPID^BPSRPT2, $$INGRCST^BPSSCRLG, $$DISPFEE^BPSSCRLG, $$QTY^BPSRPT6, $$GETNDC^BPSRPT6, $$DRGNAM^BPSRPT6, $$ELAPSE^BPSRPT6, $$CLSBY^BPSRPT6, $$CLOSEDT^BPSRPT2, $$CLRSN^BPSRPT6, $$GET1^DIQ | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: report number (1-9)  New  Modify  Delete  No Change  Name: BPREC  Definition:  New  Modify  Delete  No Change  Name: BPX  Definition:  New  Modify  Delete  No Change  Name: BPRX  Definition:  New  Modify  Delete  No Change  Name: BPREF  Definition:  New  Modify  Delete  No Change  Name: BPBIL  Definition: billed amount  New  Modify  Delete  No Change  Name: BPGRPLAN  Definition: insurance name  New  Modify  Delete  No Change  Name: BPPSEQ  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Print Report Line 2  ;  ; Input Variable -> BPRTYPE,BPX,BPRX,BPREF,BPBIL,BPGRPLAN  ;  WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPPSEQ) ;  N BP59,BP02  S BP59=$P(BPX,U,3)  S BP02=+$P($G(^BPST(BP59,0)),U,4)  ;  I (BPRTYPE=1)!(BPRTYPE=4) D  Q  . ;Drug, Released On  . S BPREC=BPREC\_$$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\_$$RXCOB($G(BPPSEQ)) ;Bill # and RX COB  ;  I BPRTYPE=2 D  Q  . S BPREC=BPREC\_$E($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)\_U ;Cardholder ID  . S BPREC=BPREC\_$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)\_U ;Group ID  . S BPREC=BPREC\_$$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\_$$GETNDC^BPSRPT6(BPRX,BPREF)\_U ;NDC#  . S BPREC=BPREC\_$$DRGNAM^BPSRPT6($P(BPX,U,14),32)\_U ;Drug  ;  ... | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Print Report Line 2  ;  ; Input Variable -> BPRTYPE,BPX,BPRX,BPREF,BPBIL,BPGRPLAN  ;  WRLINE2(BPRTYPE,BPREC,BPX,BPRX,BPREF,BPBIL,BPGRPLAN,BPPSEQ) ;  N BP59,BP02  S BP59=$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\_$$DRGNAM^BPSRPT6($P(BPX,U,14),32)\_U\_$TR($$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($$CRDHLDID^BPSRPT2(+$P(BPX,U,3)),3,23)\_U ;Cardholder ID~~  . S BPREC=BPREC\_$E($$GRPID^BPSRPT2(+$P(BPX,U,3)),3,10)\_U ;Group ID  . S BPREC=BPREC\_$$INGRCST^BPSSCRLG(BP02)\_U  ;Ingredient Cost  . S BPREC=BPREC\_$$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  ;  ... | | | | | | | | |

The third line of the Excel report will be modified to remove the Claim ID and replace it with the Prescriber ID and Name, and the Reject Code(s) will be changed to return a ‘Y’ if there is more than one reject code, otherwise return ‘N’.

| Subroutine Name | **WRLINE3^BPSRPT8** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| WRLINE3^BPSRPT5 | | | $$CLAIMID^BPSRPT2, $$REJTEXT^BPSRPT2, $$AUTOREV^BPSRPT1, $$RVSRSN^BPSRPT7, $$PRICEVAL^BPSRPT5, $$PRESCIN^BPSRPT6 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPRTYPE  Definition: report number (1-9)  New  Modify  Delete  No Change  Name: BPREC  Definition: excel string that will print to the report  New  Modify  Delete  No Change  Name: BPX  Definition: info related to a specific BPS TRANSACTION  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Print Report Line 3  ;  ; Input Variable -> BPRTYPE,BPX  ;  WRLINE3(BPRTYPE,BPREC,BPX) N BP59,BPSARR,BPRJCNT,BPZZ,BPRICE  S BP59=+$P(BPX,U,3)  ;  I (",2,7,")[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 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=$$PRICEVAL^BPSRPT5(BP59)  . S BPREC=BPREC\_$P($G(BPRICE),U,3)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,4)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,5)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,6)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,7)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,2)\_U  . S BPREC=BPREC\_$P($G(BPRICE),U,1)\_U  ;Write the record  W !,$G(BPREC)  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Print Report Line 3  ;  ; Input Variable -> BPRTYPE,BPX  ;  WRLINE3(BPRTYPE,BPREC,BPX) ;  N BP59,BPSARR,BPRJCNT,BPRJEXP,BPZZ,BPRICE  S BP59=+$P(BPX,U,3)  ;  I (",~~2,~~7,")[BPRTYPE D Q  .S BPREC=BPREC\_$$CLAIMID^BPSRPT2(BP59)\_U ;Claim ID  .S BPRJCNT=$$REJTEXT^BPSRPT2(BP59,.BPSARR)  .F BPZZ=1:1:BPRJCNT S:BPZZ'=1 BPREC=BPREC\_"," S BPREC=BPREC\_$P(BPSARR(BPZZ),":")   .;Write one record per reject/close code  .S:+BPRJCNT=0 BPRJCNT=1  .F BPZZ=1:1:BPRJCNT W !,$G(BPREC),U,$P($G(BPSARR(BPZZ)),":"),U,$P($G(BPSARR(BPZZ)),":",2)  .;  I (",2,")[BPRTYPE D Q ~~.S BPREC=BPREC\_$$CLAIMID^BPSRPT2(BP59)\_U ;Claim ID~~  . 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=$$REJTEXT^BPSRPT2(BP59,.BPSARR)  .~~F BPZZ=1:1:BPRJCNT S:BPZZ'=1 BPREC=BPREC\_","~~ S BPREC=BPREC\_$S(BPRJCNT>1:"Y",1:"N")~~$P(BPSARR(BPZZ),":")~~  . ;Write one record per reject/close code  . S:+BPRJCNT=0 BPRJCNT=1  . F BPZZ=1:1:BPRJCNT S BPREC2="" D  . . S BPREC2=$G(BPREC)\_U\_$P($G(BPSARR(BPZZ)),":")\_U\_$P($G(BPSARR(BPZZ)),":",2) W !,$E(BPREC2,1,255)  ;  I BPRTYPE=4 D  . ;Method  . I $$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 | | | | | | | | |

A new subroutine will be created that returns the Insurance Bin.

| Subroutine Name | **INSBIN^BPSRPT6** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| WRLINE1^BPSRPT8 | | | $$GET1^DIQ | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BP59  Definition: ptr to BPS TRANS-PATIENT INSURANCE MULTIPLE (#9002313.59902)  New  Modify  Delete  No Change  Name: BPGRPLAN  Definition: Insurance Name  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$INSBIN  Definition: Insurance BIN number  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Get Insurance BIN  ;  ; Input variable -> BP59 - ptr to BPS TRANS-PATIENT INSURANCE MULTIPLE (#9002313.59902)  ; Returned value -> BIN  ;  INSBIN(BP59) ;  N BPSBIN,BPSCIEN  ;  S BPSBIN=""  ; Get Claim IEN from BPS TRANS  S BPSCIEN=$$GET1^DIQ(9002313.59,BP59,3.1)  ; Get BIN from BPS CLAIMS (#9002313.02)  S BPSBIN=$$GET1^DIQ(9002313.02,BPSCIEN,101)  ;  Q BPSBIN | | | | | | | | |

A new subroutine will be created that returns the Prescriber ID and Prescriber Name.

| Subroutine Name | **PRESCIN^BPSRPT6** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| WRLINE2^BPSRPT3 | | | $$GET1^DIQ | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: BPS59  Definition: ptr to BPS TRANSACTIONS (#9002323.59)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$PRESCIN  Definition: Prescriber ID “^” Prescriber Name  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| n/a – new subroutine | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;Get Prescriber ID and Name  ;  ; Input variable -> BP59 - ptr to BPS TRANSACTIONS (#9002313.59)  ; Returned value -> Prescriber ID ^ Prescriber Name  ;  PRESCIN(BP59) ;  N BPSIEN,BPSPID,BPSPNM,BPSRX  ;   S BPSRX=$$GET1^DIQ(9002313.59,BP59,1.11,"I")   S BPSIEN=$$GET1^DIQ(52,BPSRX,4,"I")   S BPSPNM=$$GET1^DIQ(200,BPSIEN,.01)   S BPSPID=$$GET1^DIQ(200,BPSIEN,41.99)   ;  Q BPSPID\_"^"\_BPSPNM | | | | | | | | |

Modify the instructions for capturing to Excel.

| Subroutine Name | **EXMSG^BPSRPT4** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US572 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS MENU RPT CLAIM STATUS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| SELEXCEL^BPSRPT4 | | | none | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ;Display the message about capturing to an Excel file format  ;  EXMSG ;  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.",!  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ;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 !?5," please enter '0;256;99999' at the 'DEVICE:' prompt.",!  Q | | | | | | | | |

# Back Out/Rollback Procedure

This story includes modifications to existing routines.

To back out this enhancement, all the routines listed above under the List of Components should be backed up prior to installation. Reverting to the previous version of these routines would back out this enhancement. Alternatively, the previous version of these routines could be distributed via an emergency patch.