**MCCF EDI TAS US433/US434**

System Design Document



Department of Veterans Affairs

**September 2017**

Version 1.01

**User Story Number:** USRX-31A/USRX-31B

**User Story Name:** Prescription Label Functionality Enhancements. Label Deficiencies when Editing.

**Product Backlog ID:** 195

**Backlog Priority:** 11

**Initial Sizing Estimate:**

**Rational ID:** 828297

**Rally ID:** US433/US434

# Design – Summary

Updates are needed to resolve label printing deficiencies in VistA. This SDD contains the required updates for the scenarios detailed in the functional design documents for US433 and US434. The specific areas in VistA that will be addressed in this SDD are:

* Edit Prescriptions, Option PSO RXEDIT (US433)
* Medication Profile
  + Action ED Edit (US433)
  + Action RES Resubmit (US434)
* Worklist
  + Action ED Edit Rx (US433)
  + Action CLA Submit Clarif. Code (US434)
  + Action OVR Submit Override Codes (US434)
  + Action PA Submit Prior Auth. (US434)
  + Action RES Resubmit Claim (US434)
  + Action SMA Submit Mult. Actions (US434)

For claims that have been released, the Reprint Label prompt should not be displayed to the user. This will be true for all of the options and actions updated with US433/US434, regardless of patient eligibility.

List of Components:

* Routine: PSOBPSU3
* Routine: PSOREJP2
* Routine: PSORXED
* Routine: PSORXEDT

# Design – Detail

Within the Medication Profile Option, the RES Resubmit Action does not prompt the user with the Label and Queue prompts for payable claims that are not released. A call to PTLBL^PSOREJP2 will be added. The called subroutine executes various checks to determine if the Print Label prompt should be displayed to the user. If the prompt is displayed and the user responds with YES, the claim will be added to the Queue List for printing.

| Subroutine Name | **RES^PSOBPSU3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US434 | | | | | | | |
| Related Menu Options or ListMan Actions | Medication Profile, Action RES Resubmit | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| PSO HIDDEN ACTIONS: RES Resubmit Action | | | $$ELIGDISP^PSOREJP1  $$PTLBL^PSOREJP2  $$VAL^BPSPSOU1  ECMESND^PSOBPSU1  PAUSE^VALM1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: RXIEN  Definition: Prescription IEN  New  Modify  Delete  No Change  Name: DFN  Definition: Default Fill Number  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PSOBPSU3 ;ALB/CFS - BPS (ECME) Utilities 3 ;08/27/15  ;;7.0;OUTPATIENT PHARMACY;\*\*448\*\*;DEC 1997;Build 25  …  RES(RXIEN,DFN) ; Resubmit a claim action from PSO HIDDEN ACTIONS  N ACTION,DIRUT,PSOCOB,PSOFILL,PSOFL,PSOFLZ,PSOELIG,REVREAS,VALID  S PSOFILL=$$FILL(RXIEN,DFN,.PSOFL)  I $D(DIRUT) G END  I PSOFILL="" W !!,"No claim was ever submitted for this prescription. Cannot resubmit." D PAUSE^VALM1 G END  S PSOELIG=$$ELIGDISP^PSOREJP1(RXIEN,PSOFILL)  ; Validate the claim.  S VALID=$$VAL^BPSPSOU1(RXIEN,PSOFILL,PSOELIG,"RES",.PSOCOB,.REVREAS) ;DBIA #6248  I 'VALID G END  I $$RXDEL(RXIEN,PSOFILL) D D PAUSE^VALM1 G END  . W !!,"The claim cannot be Resubmitted since it has been deleted in Pharmacy."  ; Resubmit the claim to ECME  D ECMESND^PSOBPSU1(RXIEN,PSOFILL,,"ED",,,"RESUBMIT FROM RX EDIT SCREEN","","","","","","","",$G(PSOCOB))  D PAUSE^VALM1  S VALMBCK="R"  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSOBPSU3 ;ALB/CFS - BPS (ECME) Utilities 3 ;08/27/15  ;;7.0;OUTPATIENT PHARMACY;\*\*448,482\*\*;DEC 1997;Build 25  …  RES(RXIEN,DFN) ; Resubmit a claim action from PSO HIDDEN ACTIONS  N ACTION,DIRUT,PSOCOB,PSOFILL,PSOFL,PSOFLZ,PSOELIG,REVREAS,VALID  S PSOFILL=$$FILL(RXIEN,DFN,.PSOFL)  I $D(DIRUT) G END  I PSOFILL="" W !!,"No claim was ever submitted for this prescription. Cannot resubmit." D PAUSE^VALM1 G END  S PSOELIG=$$ELIGDISP^PSOREJP1(RXIEN,PSOFILL)  ; Validate the claim.  S VALID=$$VAL^BPSPSOU1(RXIEN,PSOFILL,PSOELIG,"RES",.PSOCOB,.REVREAS) ;DBIA #6248  I 'VALID G END  I $$RXDEL(RXIEN,PSOFILL) D D PAUSE^VALM1 G END  . W !!,"The claim cannot be Resubmitted since it has been deleted in Pharmacy."  ; Resubmit the claim to ECME  D ECMESND^PSOBPSU1(RXIEN,PSOFILL,,"ED",,,"RESUBMIT FROM RX EDIT SCREEN","","","","","","","",$G(PSOCOB))  I $$PTLBL^PSOREJP2(RXIEN,PSOFILL) S PSORX("PSOL",1)=RXIEN\_"," ; Add Rx to Queue List  D PAUSE^VALM1  S VALMBCK="R"  Q | | | | | | | | |

PTLBL contains a series of checks to determine if the “Print Label” or “Reprint Label” prompt should be issued to the user. Currently if an unreleased, payable claim is edited, the prompt is not displayed to the user. The user should have the ability to reprint the label (upon editing) since the prescription has not been released. An additional check will be added to correct this issue.

Currently the code also checks eligibility when determining if the Print/Reprint label should be displayed to the user. This check is no longer valid and will be removed.

Multiple actions within the Worklist Option currently present the user with the Reprint Label prompt for claims that have been released. With this update, the user will no longer be prompted with the Reprint Label prompt for claims that are released. The following Worklist Actions will have this change: CLA, OVR, PA, RES and SMA.

| Subroutine Name | **PTLBL^PSOREJP2** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US433 and US434 | | | | | | | |
| Related Menu Options or ListMan Actions | Medication Profile and Worklist Option | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| FILL^PSOREJP3  LBLCHK^PSORXED  SEND^PSOREJP3 | | | $$FIND^PSOREJUT  $$GET1^DIQ  $$RXRLDT^PSOBPSUT  $$TRIC^PSOREJP1 | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: RX  Definition: Prescription RX  New  Modify  Delete  No Change  Name: RFL  Definition: Refill  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PSOREJP2 ;BIRM/MFR - Third Party Rejects View/Process ;04/28/05  ;;7.0;OUTPATIENT PHARMACY;\*\*148,247,260,287,289,358,385,403,421,427,448\*\*;DEC 1997;Build 25  …  PTLBL(RX,RFL) ; Returns whether the user should be prompted for 'Print Label?' or not  N PTLBL,CMP,LBL,REPRINT  N PSOTRIC S PSOTRIC="",PSOTRIC=$$TRIC^PSOREJP1(RX,RFL,.PSOTRIC)  I $$FIND^PSOREJUT(RX,RFL) Q 0 ; Has OPEN/UNRESOLVED 3rd pary payer reject  I $$GET1^DIQ(52,RX,100,"I") Q 0 ; Rx status not ACTIVE  I $$RXRLDT^PSOBPSUT(RX,RFL),'PSOTRIC Q 0 ; Rx Released  ; - CMOP Rx fill?  S PTLBL=1,CMP=0  F S CMP=$O(^PSRX(RX,4,CMP)) Q:'CMP D Q:'PTLBL  . I +$$GET1^DIQ(52.01,CMP\_","\_RX,2,"I")=RFL S PTLBL=0  I 'PTLBL Q 0  ; - Label already printed for Rx fill?  S LBL=0  F S LBL=$O(^PSRX(RX,"L",LBL)) Q:'LBL D Q:'PTLBL  . I +$$GET1^DIQ(52.032,LBL\_","\_RX,1,"I")'=RFL Q  . I $G(PSOTRIC)&($$RXRLDT^PSOBPSUT(RX,RFL)) S REPRINT=1 Q  . I $$GET1^DIQ(52.032,LBL\_","\_RX,4,"I") Q  . I $$GET1^DIQ(52.032,LBL\_","\_RX,2)["INTERACTION" Q  . S PTLBL=0  ;  I PTLBL D  . N DIR,DIRUT,Y  . W ! S DIR(0)="Y",DIR("A")=$S('$G(REPRINT):"Print Label",1:"Reprint Label"),DIR("B")="YES"  . D ^DIR I $G(Y)=0!$D(DIRUT) S PTLBL=0 Q  ;  Q PTLBL | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSOREJP2 ;BIRM/MFR - Third Party Rejects View/Process ;04/28/05  ;;7.0;OUTPATIENT PHARMACY;\*\*148,247,260,287,289,358,385,403,421,427,448,482\*\*;DEC 1997;Build 25  …  PTLBL(RX,RFL) ; Conditionally prompts user with ‘Print Label?’ prompt.  ; If User responds YES to ‘Print Label’ value of 1 is returned.  ; If User responds NO to ‘Print Label’ value of 0 is returned.  N PTLBL,CMP,LBL,REPRINT  ~~N PSOTRIC S PSOTRIC="",PSOTRIC=$$TRIC^PSOREJP1(RX,RFL,.PSOTRIC)~~  I $$FIND^PSOREJUT(RX,RFL) Q 0 ; Has OPEN/UNRESOLVED 3rd pary payer reject  I $$GET1^DIQ(52,RX,100,"I") Q 0 ; Rx status not ACTIVE  I $$RXRLDT^PSOBPSUT(RX,RFL)~~,'PSOTRIC~~ Q 0 ; Rx Released  ; - CMOP Rx fill?  S PTLBL=1,CMP=0  F S CMP=$O(^PSRX(RX,4,CMP)) Q:'CMP D Q:'PTLBL  . I +$$GET1^DIQ(52.01,CMP\_","\_RX,2,"I")=RFL S PTLBL=0  I 'PTLBL Q 0  ; - Label already printed for Rx fill?  S LBL=0  F S LBL=$O(^PSRX(RX,"L",LBL)) Q:'LBL D Q:'PTLBL  . I +$$GET1^DIQ(52.032,LBL\_","\_RX,1,"I")'=RFL Q  ~~. I $G(PSOTRIC)&($$RXRLDT^PSOBPSUT(RX,RFL)) S REPRINT=1 Q~~  . I '$$RXRLDT^PSOBPSUT(RX,RFL),+$$GET1^DIQ(52.032,LBL\_","\_RX,1,"I")=RFL S REPRINT=1 Q  . I $$GET1^DIQ(52.032,LBL\_","\_RX,4,"I") Q  . I $$GET1^DIQ(52.032,LBL\_","\_RX,2)["INTERACTION" Q  . S PTLBL=0  ;  I PTLBL D  . N DIR,DIRUT,Y  . W ! S DIR(0)="Y",DIR("A")=$S('$G(REPRINT):"Print Label",1:"Reprint Label"),DIR("B")="YES"  . D ^DIR I $G(Y)=0!$D(DIRUT) S PTLBL=0 Q  ;  Q PTLBL | | | | | | | | |

The existing logic reacts opposite of the user’s response. If the user says YES to reprint label, the device prompt is not displayed. If the user says NO to reprint label, the device prompt is displayed to the user. This update will correct that logic.

| Subroutine Name | **ASKL^PSORXED** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US433 | | | | | | | |
| Related Menu Options or ListMan Actions | n/a | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| SKPTRIC^PSORXED1 | | | ^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: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ASKL ;  W ! K DIR S DIR("?",1)="You have edited a fill that has already been released. Do you want to",DIR("?",2)="include this prescription as one of the prescriptions to be acted upon",DIR("?",3)="at the label prompt."  S DIR("?")="Enter 'Yes' to generate a reprint label request."  S DIR(0)="Y",DIR("A")="The last fill has been released, do you want a reprint label",DIR("B")="Y" D ^DIR K DIR I Y=1 S PSOEDITL=$S($G(PSOTRIC)&(Y'=1):1,1:0) Q  S PSOEDITL=1  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ASKL ;  W ! K DIR S DIR("?",1)="You have edited a fill that has already been released. Do you want to",DIR("?",2)="include this prescription as one of the prescriptions to be acted upon",DIR("?",3)="at the label prompt."  S DIR("?")="Enter 'Yes' to generate a reprint label request."  S DIR(0)="Y",DIR("A")="The last fill has been released, do you want a reprint label",DIR("B")="Y" D ^DIR K DIR I Y'=1 S PSOEDITL=0 Q ; User did not reply as “YES” - Don't prompt for label device.  S PSOEDITL=1  Q | | | | | | | | |

Depending on where this logic is called from, the Queue prompt is displayed to the user. It should be displayed if editing from the Medication Profile option. It should not be displayed if editing from the Worklist option. The update below adds additional logic to correct this issue.

| Subroutine Name | **LBLCHK^PSORXED** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US433 | | | | | | | |
| Related Menu Options or ListMan Actions | Medication Profile and Worklist Edit Actions | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| LOG^PSORXED | | | $$RXRLDT^PSOBPSUT  $$PTLBL^PSOREJP2  PRINT^PSOREJP3 | | | | |
| 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 | | | | | | | | |
| LBLCHK ;  I '$$RXRLDT^PSOBPSUT(PSORXED("IRXN"),PSOEDITF) D  .I $$PTLBL^PSOREJP2(PSORXED("IRXN"),PSOEDITF) D PRINT^PSOREJP3(PSORXED("IRXN"),PSOEDITF)  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| LBLCHK ;  ; PSOEDITL flag is used to determine if the Queue prompt will be displayed  ; to the user.  ; PSORX(“NOLABEL”) is used to determine if the Label Prompt should be displayed  ; to the user by calling routine.  S PSOEDITL=0  I '$$RXRLDT^PSOBPSUT(PSORXED("IRXN"),PSOEDITF) D  . I $$PTLBL^PSOREJP2(PSORXED("IRXN"),PSOEDITF) D  . . S PSORX("NOLABEL")=0  . . I $D(PSORX("QFLG")) S PSOEDITL=1  . . E D PRINT^PSOREJP3(PSORXED("IRXN"),PSOEDITF)  . E S PSORX("NOLABEL")=1  Q | | | | | | | | |

Update logic which determines if Label and Queue prompts should be presented to the user upon Editing via Medication Profile and Worklist.

| Subroutine Name | **LOG^PSORXED** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US433 | | | | | | | |
| Related Menu Options or ListMan Actions | Medication Profile and Worklist Edit Actions | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EX^PSOOREDT | | | $$RXRLDT^PSOBPSUT  $$TRIC^PSOREJP1  NOW^%DTC | | | | |
| 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 | | | | | | | | |
| PSORXED ;IHS/DSD/JCM - edit rx utility ;8/18/10 3:16pm  ;;7.0;OUTPATIENT PHARMACY;\*\*2,16,21,26,56,71,125,201,246,289,298,366,385,403,421\*\*;DEC 1997;Build 15  …  LOG K PSFROM S DA=PSORXED("IRXN"),(PSRX0,RX0)=PSORXED("RX0"),QTY=$P(RX0,"^",7),QTY=QTY-$P(^PSRX(DA,0),"^",7) K ZD(DA) S:'$O(^PSRX(DA,1,0)) ZD(DA)=$P(^PSRX(DA,2),"^",2)  N PSOTRIC S PSOTRIC="",PSOTRIC=$$TRIC^PSOREJP1(PSORXED("IRXN"),0,.PSOTRIC)  S COM="" F I=3,4,5:1:13,17 I $P(PSRX0,"^",I)'=$P(^PSRX(DA,0),"^",I) S PSI=$S(I=13:1,1:I),COM=COM\_$P(^DD(52,PSI,0),"^")\_" ("\_$P(PSRX0,"^",I)\_"),"  ;  N PSOFILDAT S PSOFILDAT=0 ; fill date edit flag  I $P(PSORXED("RX2"),"^",2)'=$P(^PSRX(DA,2),"^",2) S COM=COM\_$P(^DD(52,22,0),"^")\_" ("\_$P(PSORXED("RX2"),"^",2)\_"),",PSOFILDAT=1 ; set flag indicating the original fill date was edited  I $P(PSORXED("RX3"),"^",7)'=$P(^PSRX(DA,3),"^",7) S COM=COM\_$P(^DD(52,12,0),"^")\_" ("\_$P(PSORXED("RX3"),"^",7)\_"),"  I PSOSIG'=$P($G(^PSRX(DA,"SIG")),"^") S COM=COM\_$P(^DD(52,10,0),"^")\_" ("\_PSOSIG\_"),"  ;\*298 Track PI and Oth Lang PI  I PSOPINS'=$G(^PSRX(DA,"INS")) S COM=COM\_$P(^DD(52,114,0),"^")\_" ("\_PSOPINS\_"),"  I PSOOINS'=$G(^PSRX(DA,"INSS")) S COM=COM\_$P(^DD(52,114.1,0),"^")\_" ("\_PSOOINS\_"),"  I PSOTRN'=$G(^PSRX(DA,"TN")) S COM=COM\_$P(^DD(52,6.5,0),"^")\_" ("\_PSOTRN\_"),"  D FILL  I PSOTRIC&('$$RXRLDT^PSOBPSUT(PSORXED("IRXN"),PSOEDITF)),COM="" D LBLCHK G LOGX ; labels for unreleased TRICARE/CHAMPVA resolved claims; when COM'="" label always printedo not add RX to the label list when there are:  ; 1) Unresolved DUR/Refill Too Soon/RRR rejects  ; 2) Unresolved TRICARE/CHAMPVA rejects  ; 3) TRICARE/CHAMPVA claims that are IN PROGRESS  ; But if the Fill Date was modified then bypass these checks and allow to update the label list - PSO\*7\*403  I 'PSOFILDAT,$$ECMECHK^PSOREJU3(DA,$G(PSOEDITF)) G LOGX  ;  G:+$P(^PSRX(J,"STA"),"^")!($G(PSOEDITL)=1&('$G(PSOTRIC))) LOGX S RXFL(PSORXED("IRXN"))=$S($G(PSOEDITF):$G(PSOEDITF),1:0) I $G(PSORX("PSOL",1))']"" S PSORX("PSOL",1)=PSORXED("IRXN")\_"," D SETRP G LOGX  G:$G(PSOEDITL)=1&('$G(PSOTRIC)) LOGX  ;  F PSOX1=0:0 S PSOX1=$O(PSORX("PSOL",PSOX1)) Q:'PSOX1 S PSOX2=PSOX1  I $L(PSORX("PSOL",PSOX2))+$L(PSORXED("IRXN"))<220 D G LOGX  .I PSORX("PSOL",PSOX2)'[PSORXED("IRXN")\_"," S PSORX("PSOL",PSOX2)=PSORX("PSOL",PSOX2)\_PSORXED("IRXN")\_"," D SETRP  E I $G(PSORX("PSOL",PSOX2+1))'[PSORXED("IRXN")\_"," S PSORX("PSOL",PSOX2+1)=PSORXED("IRXN")\_"," D SETRP ;;PSO\*7\*246  LOGX K PSOEDITF,PSOEDITR,PSOEDITL D:$G(RFED) ^PSORXED1  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSORXED ;IHS/DSD/JCM - edit rx utility ;8/18/10 3:16pm  ;;7.0;OUTPATIENT PHARMACY;\*\*2,16,21,26,56,71,125,201,246,289,298,366,385,403,421,482\*\*;DEC 1997;Build 15  …  LOG K PSFROM S DA=PSORXED("IRXN"),(PSRX0,RX0)=PSORXED("RX0"),QTY=$P(RX0,"^",7),QTY=QTY-$P(^PSRX(DA,0),"^",7) K ZD(DA) S:'$O(^PSRX(DA,1,0)) ZD(DA)=$P(^PSRX(DA,2),"^",2)  ~~N PSOTRIC S PSOTRIC="",PSOTRIC=$$TRIC^PSOREJP1(PSORXED("IRXN"),0,.PSOTRIC)~~  S COM="" F I=3,4,5:1:13,17 I $P(PSRX0,"^",I)'=$P(^PSRX(DA,0),"^",I) S PSI=$S(I=13:1,1:I),COM=COM\_$P(^DD(52,PSI,0),"^")\_" ("\_$P(PSRX0,"^",I)\_"),"  ;  N PSOFILDAT S PSOFILDAT=0 ; fill date edit flag  I $P(PSORXED("RX2"),"^",2)'=$P(^PSRX(DA,2),"^",2) S COM=COM\_$P(^DD(52,22,0),"^")\_" ("\_$P(PSORXED("RX2"),"^",2)\_"),",PSOFILDAT=1 ; set flag indicating the original fill date was edited  I $P(PSORXED("RX3"),"^",7)'=$P(^PSRX(DA,3),"^",7) S COM=COM\_$P(^DD(52,12,0),"^")\_" ("\_$P(PSORXED("RX3"),"^",7)\_"),"  I PSOSIG'=$P($G(^PSRX(DA,"SIG")),"^") S COM=COM\_$P(^DD(52,10,0),"^")\_" ("\_PSOSIG\_"),"  ;\*298 Track PI and Oth Lang PI  I PSOPINS'=$G(^PSRX(DA,"INS")) S COM=COM\_$P(^DD(52,114,0),"^")\_" ("\_PSOPINS\_"),"  I PSOOINS'=$G(^PSRX(DA,"INSS")) S COM=COM\_$P(^DD(52,114.1,0),"^")\_" ("\_PSOOINS\_"),"  I PSOTRN'=$G(^PSRX(DA,"TN")) S COM=COM\_$P(^DD(52,6.5,0),"^")\_" ("\_PSOTRN\_"),"  D FILL  I ~~PSOTRIC&(~~'$$RXRLDT^PSOBPSUT(PSORXED("IRXN"),PSOEDITF)~~)~~,COM="" D LBLCHK G:'PSOEDITL LOGX G LOG1  ~~I PSOTRIC&(COM="") D LBL D ASKL:PSOEDITL G:'PSOEDITL LOGX G LOG1~~  G:COM="" LOGX K PSRX0 S X=$S($D(PSOCLC):PSOCLC,1:DUZ)  ~~D LBL D:$G(PSOEDITL)=2&($P($G(^PSRX(DA,"STA")),"^")'=5)&('$G(RXRP(DA)))&('$G(PSOSIGFL)) ASKL~~o not add RX to the label list when there are:  ; 1) Unresolved DUR/Refill Too Soon/RRR rejects  ~~; 2) Unresolved TRICARE/CHAMPVA rejects~~  ~~; 3) TRICARE/CHAMPVA claims that are IN PROGRESS~~  ; But if the Fill Date was modified then bypass these checks and allow to update the label list - PSO\*7\*403  I 'PSOFILDAT,$$ECMECHK^PSOREJU3(DA,$G(PSOEDITF)) G LOGX  ;  G:+$P(^PSRX(J,"STA"),"^")~~!($G(PSOEDITL)=1&('$G(PSOTRIC)))~~ LOGX S RXFL(PSORXED("IRXN"))=$S($G(PSOEDITF):$G(PSOEDITF),1:0) I $G(PSORX("PSOL",1))']"" S PSORX("PSOL",1)=PSORXED("IRXN")\_"," D SETRP G LOGX  ~~G:$G(PSOEDITL)=1&('$G(PSOTRIC)) LOGX~~  ;  F PSOX1=0:0 S PSOX1=$O(PSORX("PSOL",PSOX1)) Q:'PSOX1 S PSOX2=PSOX1  I $L(PSORX("PSOL",PSOX2))+$L(PSORXED("IRXN"))<220 D G LOGX  .I PSORX("PSOL",PSOX2)'[PSORXED("IRXN")\_"," S PSORX("PSOL",PSOX2)=PSORX("PSOL",PSOX2)\_PSORXED("IRXN")\_"," D SETRP  E I $G(PSORX("PSOL",PSOX2+1))'[PSORXED("IRXN")\_"," S PSORX("PSOL",PSOX2+1)=PSORXED("IRXN")\_"," D SETRP ;;PSO\*7\*246  LOGX K PSOEDITF,PSOEDITR,PSOEDITL D:$G(RFED) ^PSORXED1  Q | | | | | | | | |

EPH^PSORXEDT is called when editing a claim via the Worklist option. In this situation, the Queue prompt should not be displayed to the user. The updated logic verifies the claim is not released and ensures the label prompts to the user execute accordingly based on the user’s response to the “Reprint Label” prompt.

| Subroutine Name | **EPH^PSORXEDT** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US433 | | | | | | | |
| Related Menu Options or ListMan Actions | Worklist Edit Action | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EDT^PSOREJP1  FULLEDT^PSOVER1 | | | $$RXFLDT^PSOBPSUT  ^PSORXL | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PSORXEDT ;BIR/SAB - edit rx routine ;10/21/98  ;;7.0;OUTPATIENT PHARMACY;\*\*21,23,44,71,146,185,148,253,390,372,416,313,427\*\*;DEC 1997;Build 21  …  EPH ; - Entry for Epharmacy Rx Edit (PSOREJP1)  F PSOT1=1:1 Q:'$D(PSOLIST(PSOT1)) F PSOLST2=1:1:$L(PSOLIST(PSOT1),",") S ORN=$P(PSOLIST(PSOT1),",",PSOLST2) D:+ORN PT  ;  ; If variable PSOREJCT is set, this means the EPH entry point was called by the EDIT action in the ePharmacy  ; Reject Info Screen. The variable will hold the RX IEN. If the Fill Date is the current date or in the  ; future (whether it has been edited or not) and the RX is not already suspended, put the Rx on the list  ; to get the QUEUE prompt. Since the EDIT action only sends one RX, we can just set the array and not  ; worry about appending to an exiting list.  I $G(PSOREJCT),$$RXFLDT^PSOBPSUT(+PSOREJCT,$P(PSOREJCT,U,2))'<$$DT^XLFDT,$$GET1^DIQ(52,+PSOREJCT\_",",100,"I")'=5 S PSORX("PSOL",1)=+PSOREJCT  ;call to add bingo board data to file 52.11  K POP,PSOLIST,TM,TM1 G:'$O(PSORX("PSOL",0)) NX  D:$G(PSORX("PSOL",1))]"" ^PSORXL K PSORX G:$G(NOBG) NX  PRF G:'$P(PSOPAR,"^",8)!($G(NOPP)="H")!($G(NOPP)="S")!('$D(^TMP("PSOBEDT",$J))) BBG  I $O(^TMP("PSOBEDT",$J,0)),$P(PSOPAR,"^",8) S PSOFROM="NEW",PSOION=ION K RXRS  G:$D(PSOPROP)&($G(PSOPROP)'=ION) QUP  I '$D(PSOPROP)!($G(PSOPROP)=ION) D G:$G(POP)!($E(IOST)["C")!(PSOION=ION) BBG  .S PSOION=ION W !,"Profiles must be sent to Printer !!",! K IOP,%ZIS,IO("Q"),POP  .S %ZIS="MNQ",%ZIS("A")="Select Profile Device: " D ^%ZIS K %ZIS("A")  .Q:$G(POP)!($E(IOST)["C")!(PSOION=ION) S PSOPROP=ION  QUP S X1=DT,X2=-120 D C^%DTC S PSODTCUT=X,HOLDRPAS=$G(PSOPRPAS),PSOPRPAS=$P(PSOPAR,"^",13)  F DFN=0:0 S DFN=$O(^TMP("PSOBEDT",$J,DFN)) Q:'DFN S PPL=^TMP("PSOBEDT",$J,DFN,0) D  .S ZTRTN="DQ^PSOPRF",ZTIO=PSOPROP,ZTDESC="Outpatient Pharmacy Patient Profiles",ZTDTH=$H  .F G="PSOPAR","PSODTCUT","PSOPRPAS","DFN","PSOSITE","NEW1","NEW11","PSOBMST","PFIO","PPL" S:$D(@G) ZTSAVE(G)=""  .D ^%ZTLOAD  W:$D(ZTSK) !,"PROFILE(S) QUEUED to PRINT",!! K G,ZTSK D ^%ZISC  S PSOPRPAS=$G(HOLDRPAS) K:PSOPRPAS']"" PSOPRPAS K HOLDRPAS  BBG K DFN F PSODFN=0:0 S PSODFN=$O(^TMP("PSOBEDT",$J,PSODFN)) Q:'PSODFN I $G(^TMP("PSOBEDT",$J,PSODFN,1)),$D(DISGROUP) S TM=$P($G(^TMP("PSOBB",$J)),"^"),TM1=$P($G(^($J)),"^",2),PPL=^TMP("PSOBEDT",$J,PSODFN,0) D ^PSOBING1  NX ;  K %X,%Y,ACTREF,ACTREN,D,D0,DAT,DFN,DIC,DIQ,DQ,DRG,END,FDR,PSOBEDT,TM,TM1,PSOT1,PSOLST2,NOBG,BBFLG,BINGCRT,BINGRTE,C,CC,CMOP,COM,CT,D1,DI,DREN,BBRX,PSOFROM,POP,PSORX("QFLG"),IT,PSOERR,PSOBCK,PSOBM,PPL  K ^TMP("PSOBEDT",$J),^TMP("PSOBB",$J),ZTSK,NOPP,VALMSG,VALMBCK D EOJ  END Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSORXEDT ;BIR/SAB - edit rx routine ;10/21/98  ;;7.0;OUTPATIENT PHARMACY;\*\*21,23,44,71,146,185,148,253,390,372,416,313,427,482\*\*;DEC 1997;Build 21  …  EPH ; - Entry for Epharmacy Rx Edit (PSOREJP1)  F PSOT1=1:1 Q:'$D(PSOLIST(PSOT1)) F PSOLST2=1:1:$L(PSOLIST(PSOT1),",") S ORN=$P(PSOLIST(PSOT1),",",PSOLST2) D:+ORN PT  ;  ; If variable PSOREJCT is set, this means the EPH entry point was called by the EDIT action in the ePharmacy  ; Reject Info Screen. The variable will hold the RX IEN. If the Fill Date is the current date or in the  ; future (whether it has been edited or not) and the RX is not already suspended, put the Rx on the list  ; to get the QUEUE prompt. Since the EDIT action only sends one RX, we can just set the array and not  ; worry about appending to an exiting list.  I $G(PSOREJCT),~~'~~$$RXFLDT^PSOBPSUT(+PSOREJCT,$P(PSOREJCT,U,2))~~'<$$DT^XLFDT~~,$$GET1^DIQ(52,+PSOREJCT\_",",100,"I")'=5,'$G(PSORX("NOLABEL")) S PSORX("PSOL",1)=+PSOREJCT  ;call to add bingo board data to file 52.11  K POP,PSOLIST,TM,TM1 G:'$O(PSORX("PSOL",0)) NX  D:$G(PSORX("PSOL",1))]"" ^PSORXL K PSORX G:$G(NOBG) NX  PRF G:'$P(PSOPAR,"^",8)!($G(NOPP)="H")!($G(NOPP)="S")!('$D(^TMP("PSOBEDT",$J))) BBG  I $O(^TMP("PSOBEDT",$J,0)),$P(PSOPAR,"^",8) S PSOFROM="NEW",PSOION=ION K RXRS  G:$D(PSOPROP)&($G(PSOPROP)'=ION) QUP  I '$D(PSOPROP)!($G(PSOPROP)=ION) D G:$G(POP)!($E(IOST)["C")!(PSOION=ION) BBG  .S PSOION=ION W !,"Profiles must be sent to Printer !!",! K IOP,%ZIS,IO("Q"),POP  .S %ZIS="MNQ",%ZIS("A")="Select Profile Device: " D ^%ZIS K %ZIS("A")  .Q:$G(POP)!($E(IOST)["C")!(PSOION=ION) S PSOPROP=ION  QUP S X1=DT,X2=-120 D C^%DTC S PSODTCUT=X,HOLDRPAS=$G(PSOPRPAS),PSOPRPAS=$P(PSOPAR,"^",13)  F DFN=0:0 S DFN=$O(^TMP("PSOBEDT",$J,DFN)) Q:'DFN S PPL=^TMP("PSOBEDT",$J,DFN,0) D  .S ZTRTN="DQ^PSOPRF",ZTIO=PSOPROP,ZTDESC="Outpatient Pharmacy Patient Profiles",ZTDTH=$H  .F G="PSOPAR","PSODTCUT","PSOPRPAS","DFN","PSOSITE","NEW1","NEW11","PSOBMST","PFIO","PPL" S:$D(@G) ZTSAVE(G)=""  .D ^%ZTLOAD  W:$D(ZTSK) !,"PROFILE(S) QUEUED to PRINT",!! K G,ZTSK D ^%ZISC  S PSOPRPAS=$G(HOLDRPAS) K:PSOPRPAS']"" PSOPRPAS K HOLDRPAS  BBG K DFN F PSODFN=0:0 S PSODFN=$O(^TMP("PSOBEDT",$J,PSODFN)) Q:'PSODFN I $G(^TMP("PSOBEDT",$J,PSODFN,1)),$D(DISGROUP) S TM=$P($G(^TMP("PSOBB",$J)),"^"),TM1=$P($G(^($J)),"^",2),PPL=^TMP("PSOBEDT",$J,PSODFN,0) D ^PSOBING1  NX ;  K %X,%Y,ACTREF,ACTREN,D,D0,DAT,DFN,DIC,DIQ,DQ,DRG,END,FDR,PSOBEDT,TM,TM1,PSOT1,PSOLST2,NOBG,BBFLG,BINGCRT,BINGRTE,C,CC,CMOP,COM,CT,D1,DI,DREN,BBRX,PSOFROM,POP,PSORX("QFLG"),IT,PSOERR,PSOBCK,PSOBM,PPL  K ^TMP("PSOBEDT",$J),^TMP("PSOBB",$J),ZTSK,NOPP,VALMSG,VALMBCK D EOJ  END Q | | | | | | | | |

# Back Out/Rollback Procedure

This story includes modifications to existing routines.

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