**MCCF EDI TAS US599**

System Design Document



Department of Veterans Affairs

**April 2017**

Version 1.0

**User Story Number:** USRX-42

**User Story Name:** Prevent users from Ignoring rejects for claims whose Gross Amount Due exceeds a certain amount.

**Product Backlog ID:**

**Backlog Priority:**

**Initial Sizing Estimate:**

**Rational ID:** tbd

**Rally ID:** US599

# Design – Summary

Add a new parameter to ePharmacy Site Parameters called *Ignore Threshold*. This new parameter will be used by the IGNORE action from the Reject Notification Screen and the IGNORE action from the Reject Information Screen. *Ignore Threshold* will not include a default value and will not be required.

If the user does not enter a value for *Ignore Threshold*, the existing functionality will prevail; no checks regarding Gross Amount Due or the EPHARMACY SITE MANGER security key will be considered.

If the user enters a value of zero (0) for *Ignore Threshold*, the EPHARMACY SITE MANAGER security key will be required, regardless of Gross Amount Due.

Any value, greater than zero, entered for *Ignore Threshold* will be compared to the Gross Amount Due on the prescription. If the Gross Amount Due is greater than or equal to the *Ignore Threshold*, the EPHARMACY SITE MANAGER security key will be required to continue with the IGNORE.

If the security key does not exist, a message will be displayed to the user and the IGNORE process will halt. If the security key does exist, a message showing the Gross Amount Due will be displayed to the user along with a Yes/No prompt to continue.

An Integration Control Agreement will need to be created for this User Story. The BPS package has an API that returns Gross Amount Due. An ICR is required to govern calling the API from the Outpatient Pharmacy package.

List of Components:

* File: EPHARMACY SITE PARAMETERS (#52.86)
* Routine: PSOBPSSL
* Routine: PSOBPSSP
* Routine: PSOREJP2
* Routine: PSOREJU1
* Routine: PSOREJU3

# Design – Detail

GETDATA^PSOBPSSL is used to display the ePharmacy Site Parameters Definition information. Ignore Threshold will be added to the display.

| Subroutine Name | **GETDATA^PSOBPSSL** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US599 | | | | | | | |
| Related Menu Options or ListMan Actions | PSO ePHARM SITE PARAMETERS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| BLDLIST^PSOBPSSP  INIT^PSOBPSSL | | | $$GET1^DIQ  CNTRL^VALM10  LIST^DIC | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: IEN  Definition: Site IEN from 52.86  New  Modify  Delete  No Change  Name: DATA  Definition: List Manager Array name  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: NXTLINE  Definition: Returns line counter/number of lines in list  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| GETDATA(IEN,DATA,NXTLINE) ; Adds and formats data from one Pharmacy Division  ; This may be called multiple times when displaying multiple divisions  ; This is called by PSOBPSSP  ;  ; INPUT PARAMETERS  ; IEN - Site IEN from 52.86  ; DATA - List Manager Array name  ; NXTLINE - output parameter - returns line counter/number of lines in list  ;  ; check parameters  I '$G(IEN) Q 0 ; No parent division passed  I $L($G(DATA))<1 Q 0 ; No array passed to the routine  I '$D(NXTLINE) Q 0 ; No line number passed must be >= 0  ;  ; LOCAL VARIABLES  ; PSOI - IEN/LOOP CONTROL while looping through array  ; GETS - Temp array for GETS^DIQ results  ; WLSTDAYS - Days to remain on worklist  ; AUTOSEND - Auto send - yes/no  ; REJEXPL - Reject code explanations text  ; THRESHLD - Threshold amount for fill prevention reject codes  ; GETS - array for output from LIST^DIC and processed codes  ; IORVON & IORVOFF are Kernel Video Variables used for List Manager formatting  ;  N PSOI,GETS,WLSTDAYS,PAUSE,CODE,AUTOSEND,REJEXPL,THRESHLD,SITE  ;  ; Get the high level site parameters  S SITE=$$GET1^DIQ(52.86,IEN\_",",.01)  ; Site header  I NXTLINE'=0 S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=""  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)="Pharmacy Division: "\_$G(SITE)  D CNTRL^VALM10(NXTLINE,1,80,IORVON,IORVOFF)  ;  ; Display General Parameters  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=" General Parameters"  D CNTRL^VALM10(NXTLINE,3,18,IOUON,IOUOFF)  ;  ; Get the site worklist days  S WLSTDAYS=$$GET1^DIQ(52.86,IEN\_",",4)  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=" Reject Worklist Days: "\_$G(WLSTDAYS)  ;  ; Get the ePharmacy Response Pause  S PAUSE=$$GET1^DIQ(52.86,IEN\_",",6)  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=" ePharmacy Response Pause: "\_$G(PAUSE)  ; | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| GETDATA(IEN,DATA,NXTLINE) ; Adds and formats data from one Pharmacy Division  ; This may be called multiple times when displaying multiple divisions  ; This is called by PSOBPSSP  ;  ; INPUT PARAMETERS  ; IEN - Site IEN from 52.86  ; DATA - List Manager Array name  ; NXTLINE - output parameter - returns line counter/number of lines in list  ;  ; check parameters  I '$G(IEN) Q 0 ; No parent division passed  I $L($G(DATA))<1 Q 0 ; No array passed to the routine  I '$D(NXTLINE) Q 0 ; No line number passed must be >= 0  ;  ; LOCAL VARIABLES  ; PSOI - IEN/LOOP CONTROL while looping through array  ; GETS - Temp array for GETS^DIQ results  ; WLSTDAYS - Days to remain on worklist  ; AUTOSEND - Auto send - yes/no  ; REJEXPL - Reject code explanations text  ; THRESHLD - Threshold amount for fill prevention reject codes  ; GETS - array for output from LIST^DIC and processed codes  ; IORVON & IORVOFF are Kernel Video Variables used for List Manager formatting  ; PSOIGNORE – Ignore Threshold value  ;  N PSOI,GETS,WLSTDAYS,PAUSE,CODE,AUTOSEND,REJEXPL,THRESHLD,SITE,PSOIGNORE  ;  ; Get the high level site parameters  S SITE=$$GET1^DIQ(52.86,IEN\_",",.01)  ; Site header  I NXTLINE'=0 S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=""  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)="Pharmacy Division: "\_$G(SITE)  D CNTRL^VALM10(NXTLINE,1,80,IORVON,IORVOFF)  ;  ; Display General Parameters  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=" General Parameters"  D CNTRL^VALM10(NXTLINE,3,18,IOUON,IOUOFF)  ;  ; Get the site worklist days  S WLSTDAYS=$$GET1^DIQ(52.86,IEN\_",",4)  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=" Reject Worklist Days: "\_$G(WLSTDAYS)  ;  ; Get the ePharmacy Response Pause  S PAUSE=$$GET1^DIQ(52.86,IEN\_",",6)  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=" ePharmacy Response Pause: "\_$G(PAUSE)  ;  ; Get the Ignore Threshold  S PSOIGNORE=$$GET1^DIQ(52.86,IEN\_",",7)  S NXTLINE=NXTLINE+1,@DATA@(NXTLINE,0)=" Ignore Threshold: "\_$G(PSOIGNORE)  ; | | | | | | | | |

EDITGEN^PSOBPSSP is used for editing of ePharmacy Site Parameters Definition information. Ignore Threshold will be added.

| Subroutine Name | **EDITGEN^PSOBPSSP** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US599 | | | | | | | |
| Related Menu Options or ListMan Actions | PSO ePHARM SITE PARAMETERS | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| EDITALL^PSOBPSSP | | | FULL^VALM1  ^DIE  $$GET1^DIQ | | | | |
| Related Integration Control Registrations (ICRs) | N/A | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: RETURN  Definition: For control after return from call  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: RETURN  Definition: For control after return from call  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| EDITGEN(RETURN) ; Action for EG Edit General Parameters  ;  ; Input Parameter  ; RETURN - Null if normal exit, "^" if timeout or "^" entered  ;  ; Variables used by DIE  N DIE,DA,DIC,DUOUT,DTOUT,DEF  ;  ; Set Full Screen mode  D FULL^VALM1  ;  ; Get worklist days & update the record  S DIE="^PS(52.86,",DA=PSOBPSDV,DR="4" D ^DIE  ; CHECK FOR TIMEOUT OR ^  I $G(DTOUT)!$D(Y) S RETURN="^"  ;  ; Update EPHARMACY RESPONSE PAUSE  K DTOUT,DUOUT  S DEF=$$GET1^DIQ(52.86,PSOBPSDV\_",",6,"I")  I DEF="" S DEF=2  S DIE="^PS(52.86,",DA=PSOBPSDV,DR="6//"\_DEF D ^DIE  ; CHECK FOR TIMEOUT OR ^  I $G(DTOUT)!$D(Y) S RETURN="^"  ;  D RBUILD  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| EDITGEN(RETURN) ; Action for EG Edit General Parameters  ;  ; Input Parameter  ; RETURN - Null if normal exit, "^" if timeout or "^" entered  ;  ; Variables used by DIE  N DIE,DA,DIC,DUOUT,DTOUT,DEF  ;  ; Set Full Screen mode  D FULL^VALM1  ;  ; Get worklist days & update the record  S DIE="^PS(52.86,",DA=PSOBPSDV,DR="4" D ^DIE  ; CHECK FOR TIMEOUT OR ^  I $G(DTOUT)!$D(Y) S RETURN="^"  ;  ; Update EPHARMACY RESPONSE PAUSE  K DTOUT,DUOUT  S DEF=$$GET1^DIQ(52.86,PSOBPSDV\_",",6,"I")  I DEF="" S DEF=2  S DIE="^PS(52.86,",DA=PSOBPSDV,DR="6//"\_DEF D ^DIE  ; CHECK FOR TIMEOUT OR ^  I $G(DTOUT)!$D(Y) S RETURN="^"  ;  ; Get IGNORE THRESHOLD & update the record  S DIE="^PS(52.86,",DA=PSOBPSDV,DR="7" D ^DIE  ; CHECK FOR TIMEOUT OR ^  I $G(DTOUT)!$D(Y) S RETURN="^"  ;  D RBUILD  Q | | | | | | | | |

The modified code will call IGNORE^PSOREJU1 to determine if the Ignore action meets the updated requirements. Upon return from the new function, the code will either return the user to the selection prompt or continue with the Ignore action.

| Subroutine Name | **CLO^PSOREJP2** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US599 | | | | | | | |
| Related Menu Options or ListMan Actions | Ignore action from the Reject Information Screen | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| Reject Action from the Reject Information Screen | | | $$GET1^DIQ  $$TRIC^PSOREJP1  $$CONT^PSOREJU1  $$CLOSED^PSOREJP1  FULL^VALM1  $$SIG^PSOREJU1  $$TCOM^PSOREJP3  $$COM^PSOREJU1  ^DIR  CLOSE^PSOREJUT  PRINT^PSOREJP3  $$PSOET^PSOREJP3  AUDIT^PSOTRI  $$IGNORE^PSOREJU1 | | | | |
| Related Integration Control Registrations (ICRs) | N/A | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| CLO ; - Ignore a REJECT hidden action  N PSOTRIC,X,PSOET  ;  ; ESG - PSO\*7\*448 - Bug fix, should pull FILL from sub-file 52.25.  I '$D(FILL) S FILL=+$$GET1^DIQ(52.25,REJ\_","\_RX,5)  S PSOTRIC="",PSOTRIC=$$TRIC^PSOREJP1(RX,FILL,PSOTRIC)  ;  ;reference to ^XUSEC( supported by IA 10076  ;bld, PSO\*7\*358  I PSOTRIC,'$D(^XUSEC("PSO TRICARE/CHAMPVA",DUZ)) S VALMSG="Action Requires <PSO TRICARE/CHAMPVA> security key",VALMBCK="R" Q  ;if TRICARE or CHAMPVA and user has security key, prompt to continue or not  ;  ;  I PSOTRIC,'$$CONT^PSOREJU1() S VALMBCK="R" Q  ;  I $$CLOSED^PSOREJP1(RX,REJ) D Q  . S VALMSG="This Reject is marked resolved!",VALMBCK="R"  N DIR,COM  D FULL^VALM1  I '$$SIG^PSOREJU1() S VALMBCK="R" Q  W !  S:PSOTRIC COM=$$TCOM^PSOREJP3(RX,FILL) S:'PSOTRIC COM=$$COM^PSOREJU1()  I COM="^" S VALMBCK="R" Q  W !  S DIR(0)="Y",DIR("A")=" Confirm? ",DIR("B")="NO"  S DIR("A",1)=" When you confirm this REJECT will be marked RESOLVED."  S DIR("A",2)=" "  D ^DIR I $G(Y)=0!$D(DIRUT) S VALMBCK="R" Q  W ?40,"[Closing..." D CLOSE^PSOREJUT(RX,FILL,REJ,DUZ,6,COM,"","","","","",1) W "OK]",!,$C(7) H 1  I $D(PSOSTFLT),PSOSTFLT'="B" S CHANGE=1  ;  I $$PTLBL(RX,FILL) D PRINT^PSOREJP3(RX,FILL)  I PSOTRIC D  .S PSOET=$$PSOET^PSOREJP3(RX,FILL)  .D AUDIT^PSOTRI(RX,FILL,,COM,$S(PSOET:"N",1:"R"),$S(PSOTRIC=1:"T",PSOTRIC=2:"C",1:""))  ;  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| CLO ; - Ignore a REJECT hidden action  N PSOTRIC,X,PSOET,PSOIT  ;  ; ESG - PSO\*7\*448 - Bug fix, should pull FILL from sub-file 52.25.  I '$D(FILL) S FILL=+$$GET1^DIQ(52.25,REJ\_","\_RX,5)  S PSOTRIC="",PSOTRIC=$$TRIC^PSOREJP1(RX,FILL,PSOTRIC)  ;  ;reference to ^XUSEC( supported by IA 10076  ;bld, PSO\*7\*358  I PSOTRIC,'$D(^XUSEC("PSO TRICARE/CHAMPVA",DUZ)) S VALMSG="Action Requires <PSO TRICARE/CHAMPVA> security key",VALMBCK="R" Q  ;if TRICARE or CHAMPVA and user has security key, prompt to continue or not  ;  ; Check for Ignore Threshold  S PSOIT=$$IGNORE^PSOREJU1(RX,FILL)  I $P(PSOIT,"^")=0 D Q  . S VALMBCK="R"  . I $P(PSOIT,"^",2)'="" D  . . S VALMSG="Gross Amount Due is $"\_$P(PSOIT,"^",2)\_". IGNORE requires EPHARMACY SITE MANAGER key."  ;  I PSOTRIC,'$$CONT^PSOREJU1() S VALMBCK="R" Q  ;  I $$CLOSED^PSOREJP1(RX,REJ) D Q  . S VALMSG="This Reject is marked resolved!",VALMBCK="R"  N DIR,COM  D FULL^VALM1  I '$$SIG^PSOREJU1() S VALMBCK="R" Q  W !  S:PSOTRIC COM=$$TCOM^PSOREJP3(RX,FILL) S:'PSOTRIC COM=$$COM^PSOREJU1()  I COM="^" S VALMBCK="R" Q  W !  S DIR(0)="Y",DIR("A")=" Confirm? ",DIR("B")="NO"  S DIR("A",1)=" When you confirm this REJECT will be marked RESOLVED."  S DIR("A",2)=" "  D ^DIR I $G(Y)=0!$D(DIRUT) S VALMBCK="R" Q  W ?40,"[Closing..." D CLOSE^PSOREJUT(RX,FILL,REJ,DUZ,6,COM,"","","","","",1) W "OK]",!,$C(7) H 1  I $D(PSOSTFLT),PSOSTFLT'="B" S CHANGE=1  ;  I $$PTLBL(RX,FILL) D PRINT^PSOREJP3(RX,FILL)  I PSOTRIC D  .S PSOET=$$PSOET^PSOREJP3(RX,FILL)  .D AUDIT^PSOTRI(RX,FILL,,COM,$S(PSOET:"N",1:"R"),$S(PSOTRIC=1:"T",PSOTRIC=2:"C",1:""))  ;  Q | | | | | | | | |

The modified code will call IGNORE^PSOREJU1 to determine if the Ignore option meets the updated requirements. Upon return from the new function, the code will either return the user to the selection prompt or continue with the Ignore option.

| Subroutine Name | **ASK^PSOREJU1** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US599 | | | | | | | |
| Related Menu Options or ListMan Actions | IGNORE option from the Reject Notification Screen | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| ASK^PSOREJU1  DC1^PSOREJU1 | | | ^DIR  $$TCOM^PSOREJP3  DISPLAY^PSOREJU3 | | | | |
| Related Integration Control Registrations (ICRs) | N/A | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| ASK K ACTION,DIR,DIRUT  S DIR(0)="SO^",DIR("A")=""  S:(OPTS["O") DIR(0)=DIR(0)\_"O:(O)VERRIDE - RESUBMIT WITH OVERRIDE CODES;",DIR("A")=DIR("A")\_"(O)verride,"  S:(OPTS["I") DIR(0)=DIR(0)\_"I:(I)GNORE - FILL Rx WITHOUT CLAIM SUBMISSION;",DIR("A")=DIR("A")\_"(I)gnore,"  S:(OPTS["D") DIR(0)=DIR(0)\_"D:(D)iscontinue - DO NOT FILL PRESCRIPTION;",DIR("A")=DIR("A")\_"(D)iscontinue,"  S:(OPTS["Q") DIR(0)=DIR(0)\_"Q:(Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION);",DIR("A")=DIR("A")\_"(Q)uit,"  S $E(DIR(0),$L(DIR(0)))="",$E(DIR("A"),$L(DIR("A")))="",DIR("??")="^D HELP^PSOREJU2("""\_OPTS\_""")"  S:$G(DEF)'="" DIR("B")=DEF D ^DIR I $D(DIRUT) W ! Q "Q"  ;  ; - STOP/QUIT Action  S ACTION=Y I ACTION="Q" Q ACTION  ;  ; - IGNORE Action  K DIR,DIRUT,X  ;  ;PSO\*7.0\*358, add logic for TRICARE/CHAMPVA ignore  I PSOTRIC,ACTION="I",'$$CONT W $C(7),!," ACTION NOT TAKEN!",! H 1 G ASK  ;  I ACTION="I" S:'PSOTRIC COM=$$COM() S:PSOTRIC COM=$$TCOM^PSOREJP3(RX,RFL) G ASK:COM="^" G ASK:'$$SIG() S ACTION=ACTION\_"^"\_COM  ;  ; - OVERRIDE Action  I ACTION="O" D G ASK:OVR="^"  . S OVR=$$OVR() S ACTION=ACTION\_"^"\_OVR  ;  DC1 ;Discontinue  I ACTION="D" S ACTION=$$DC(RX,ACTION,1) I $D(DIRUT) S ACTION="D" D DISPLAY^PSOREJU3(RX,REJ) G ASK  ;  Q ACTION | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| ASK K ACTION,DIR,DIRUT  S DIR(0)="SO^",DIR("A")=""  S:(OPTS["O") DIR(0)=DIR(0)\_"O:(O)VERRIDE - RESUBMIT WITH OVERRIDE CODES;",DIR("A")=DIR("A")\_"(O)verride,"  S:(OPTS["I") DIR(0)=DIR(0)\_"I:(I)GNORE - FILL Rx WITHOUT CLAIM SUBMISSION;",DIR("A")=DIR("A")\_"(I)gnore,"  S:(OPTS["D") DIR(0)=DIR(0)\_"D:(D)iscontinue - DO NOT FILL PRESCRIPTION;",DIR("A")=DIR("A")\_"(D)iscontinue,"  S:(OPTS["Q") DIR(0)=DIR(0)\_"Q:(Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION);",DIR("A")=DIR("A")\_"(Q)uit,"  S $E(DIR(0),$L(DIR(0)))="",$E(DIR("A"),$L(DIR("A")))="",DIR("??")="^D HELP^PSOREJU2("""\_OPTS\_""")"  S:$G(DEF)'="" DIR("B")=DEF D ^DIR I $D(DIRUT) W ! Q "Q"  ;  N PSOIT  ;  ; - STOP/QUIT Action  S ACTION=Y I ACTION="Q" Q ACTION  ;  ; - IGNORE Action  K DIR,DIRUT,X  ;  S PSOIT=""  I ACTION="I" S PSOIT=$$IGNORE(RX,RFL)  I $P(PSOIT,"^")=0 D G ASK  . I $P(PSOIT,"^",2)'="" D  . . W $C(7),!,"Gross Amount Due is $"\_$P(PSOIT,"^",2)\_". IGNORE requires EPHARMACY SITE MANAGER key.",!  ;  ;PSO\*7.0\*358, add logic for TRICARE/CHAMPVA ignore  I PSOTRIC,ACTION="I",'$$CONT W $C(7),!," ACTION NOT TAKEN!",! H 1 G ASK  ;  I ACTION="I" S:'PSOTRIC COM=$$COM() S:PSOTRIC COM=$$TCOM^PSOREJP3(RX,RFL) G ASK:COM="^" G ASK:'$$SIG() S ACTION=ACTION\_"^"\_COM  ;  ; - OVERRIDE Action  I ACTION="O" D G ASK:OVR="^"  . S OVR=$$OVR() S ACTION=ACTION\_"^"\_OVR  ;  DC1 ;Discontinue  I ACTION="D" S ACTION=$$DC(RX,ACTION,1) I $D(DIRUT) S ACTION="D" D DISPLAY^PSOREJU3(RX,REJ) G ASK  ;  Q ACTION | | | | | | | | |

New procedure to compare Gross Amount Due to Ignore Threshold value. Code will also check for existence of required security key.

| Subroutine Name | **IGNORE^PSOREJU1** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US599 | | | | | | | |
| Related Menu Options or ListMan Actions | IGNORE action from the Reject Information Screen  IGNORE option from the Reject Notification Screen | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| CLO^PSOREJP2  ASK^PSOREJU1  TRIC4^PSOREJU3 | | | $$AMT^BPSBUTL  $$GET1^DIQ  ^DIR | | | | |
| Related Integration Control Registrations (ICRs) | Call to BPSBUTL – ICA #TBD | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: RX  Definition: Prescription IEN  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 | | | | | | | | |
| N/A | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| IGNORE(RX,RFL) ;  ; RX = Prescription IEN  ; RFL = Refill  ; Return value 1 = Allow IGNORE.  ; Return value 0 = Don't allow IGNORE.  ; Return value 0^GrossAmtDue = Don't allow. Return amt for user msg.  ;  N DIR,DIRUT,PSOAMT,PSODIV,PSOIGNORE  ;  ; Get Gross Amount Due  S PSOAMT=$$AMT^BPSBUTL(RX,RFL) ; ICA #TBD  ;  ; Get Ignore Threshold Value  S PSODIV=$$GET1^DIQ(52,RX,20,"I")  S PSOIGNORE=$$GET1^DIQ(52.86,PSODIV,7)  ;  ; If Ignore Threshold is NIL or Gross Amt Due < Ignore  ; Threshold - Allow IGNORE. Check of security key not  ; required for these conditions.  I (PSOIGNORE="")!(PSOAMT<PSOIGNORE) Q 1  ;  ; At this point Gross Amt Due is equal to or greater  ; than the Ignore Threshold. User must have required  ; security key to continue.  ;  S PSOAMT=$J(PSOAMT\*100\1/100,0,2)  ;  ; User does not have required security key to continue.  ; Don't allow IGNORE. Return PSOAMT to be used in message  ; to user.  I '$D(^XUSEC("PSO EPHARMACY SITE MANAGER",DUZ)) Q 0\_"^"\_PSOAMT  ;  ; User has required security key. Prompt if OK to continue.  S DIR(0)="Y"  S DIR("A")="Gross Amount Due is $"\_PSOAMT\_". Do you want to continue (Y/N)"  S DIR("B")="NO"  D ^DIR  I $D(DIRUT) Q 0  Q Y  ; | | | | | | | | |

The modified code will call IGNORE^PSOREJU1 to determine if the Ignore option meets the updated requirements. Upon return from the new function, the code will either return the user to the selection prompt or continue with the Ignore option.

| Subroutine Name | **TRIC4^PSOREJU3** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US599 | | | | | | | |
| Related Menu Options or ListMan Actions | IGNORE option from the Reject Notification Screen | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| TRIC4^PSOREJU3 | | | ^DIR  $$DC^PSOREJU1  WRKLST^PSOREJU4  $$CONT^PSOREJU1  $$TCOM^PSOREJP3  $$SIG^PSOREJU1  CLOSE^PSOREJUT  AUDIT^PSOTRI  $$IGNORE^PSOREJU1 | | | | |
| Related Integration Control Registrations (ICRs) | N/A | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: N/A  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| TRIC4 S DIR(0)="SO^",DIR("A")="",OPTS="DQ",DEF="D"  N PSORESP  S PSORESP=$P($G(RESP),U,2)  I PSORESP["NO ACTIVE/VALID ROI" S DEF="Q" ;IB routine IBNCPDP1 contains this text.  ;reference to ^XUSEC( supported by IA 10076  I $D(^XUSEC("PSO TRICARE/CHAMPVA",DUZ)) S OPTS=OPTS\_"I" ;PSO\*7.0\*358, if user has security key, include IGNORE in TRICARE/CHAMPVA options  S:(OPTS["D") DIR(0)=DIR(0)\_"D:(D)iscontinue - DO NOT FILL PRESCRIPTION;",DIR("A")=DIR("A")\_"(D)iscontinue,"  S:(OPTS["Q") DIR(0)=DIR(0)\_"Q:(Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION);",DIR("A")=DIR("A")\_"(Q)uit,"  S:(OPTS["I") DIR(0)=DIR(0)\_"I:(I)GNORE - FILL Rx WITHOUT CLAIM SUBMISSION;",DIR("A")=DIR("A")\_"(I)gnore,"  S $E(DIR(0),$L(DIR(0)))="",$E(DIR("A"),$L(DIR("A")))="",DIR("??")="^D HELP^PSOREJU2("""\_OPTS\_""")"  S:$G(DEF)'="" DIR("B")=DEF D ^DIR I $D(DIRUT) S Y="Q" W !  ;  S ACTION=Y  I ACTION="D" S ACTION=$$DC^PSOREJU1(RX,ACTION) ;cnf, PSO\*7\*358  I ACTION="Q" D WRKLST^PSOREJU4(RX,RFL,,DUZ,DT,1,"",RESP) ;cnf, PSO\*7\*358  I ACTION="I" G TRIC4:'$$CONT^PSOREJU1() S COM=$$TCOM^PSOREJP3(RX,RFL) G TRIC4:COM="^" G TRIC4:'$$SIG^PSOREJU1() D  . D CLOSE^PSOREJUT(RX,RFL,REJ,DUZ,6,COM) ;TRICARE/CHAMPVA non-billable should have only 1 reject - eT/eC  . D AUDIT^PSOTRI(RX,RFL,,COM,$S($$PSOET^PSOREJP3(RX,RFL):"N",1:"R"),$P(RESP,"^",3))  Q | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| TRIC4 S DIR(0)="SO^",DIR("A")="",OPTS="DQ",DEF="D"  N PSORESP,PSOIT  S PSORESP=$P($G(RESP),U,2)  I PSORESP["NO ACTIVE/VALID ROI" S DEF="Q" ;IB routine IBNCPDP1 contains this text.  ;reference to ^XUSEC( supported by IA 10076  I $D(^XUSEC("PSO TRICARE/CHAMPVA",DUZ)) S OPTS=OPTS\_"I" ;PSO\*7.0\*358, if user has security key, include IGNORE in TRICARE/CHAMPVA options  S:(OPTS["D") DIR(0)=DIR(0)\_"D:(D)iscontinue - DO NOT FILL PRESCRIPTION;",DIR("A")=DIR("A")\_"(D)iscontinue,"  S:(OPTS["Q") DIR(0)=DIR(0)\_"Q:(Q)UIT - SEND TO WORKLIST (REQUIRES INTERVENTION);",DIR("A")=DIR("A")\_"(Q)uit,"  S:(OPTS["I") DIR(0)=DIR(0)\_"I:(I)GNORE - FILL Rx WITHOUT CLAIM SUBMISSION;",DIR("A")=DIR("A")\_"(I)gnore,"  S $E(DIR(0),$L(DIR(0)))="",$E(DIR("A"),$L(DIR("A")))="",DIR("??")="^D HELP^PSOREJU2("""\_OPTS\_""")"  S:$G(DEF)'="" DIR("B")=DEF D ^DIR I $D(DIRUT) S Y="Q" W !  ;  S ACTION=Y  I ACTION="D" S ACTION=$$DC^PSOREJU1(RX,ACTION) ;cnf, PSO\*7\*358  I ACTION="Q" D WRKLST^PSOREJU4(RX,RFL,,DUZ,DT,1,"",RESP) ;cnf, PSO\*7\*358  S PSOIT=""  I ACTION="I" S PSOIT=$$IGNORE^PSOREJU1(RX,RFL)  I $P(PSOIT,"^")=0 D G TRIC4  . I $P(PSOIT,"^",2)'="" D  . . W $C(7),!,"Gross Amount Due is $"\_$P(PSOIT,"^",2)\_". IGNORE requires EPHARMACY SITE MANAGER key."  I ACTION="I" G TRIC4:'$$CONT^PSOREJU1() S COM=$$TCOM^PSOREJP3(RX,RFL) G TRIC4:COM="^" G TRIC4:'$$SIG^PSOREJU1() D  . D CLOSE^PSOREJUT(RX,RFL,REJ,DUZ,6,COM) ;TRICARE/CHAMPVA non-billable should have only 1 reject - eT/eC  . D AUDIT^PSOTRI(RX,RFL,,COM,$S($$PSOET^PSOREJP3(RX,RFL):"N",1:"R"),$P(RESP,"^",3))  Q | | | | | | | | |

|  |  |
| --- | --- |
| Integration Control Registration # | **TBD** |
| Name | GROSS AMOUNT DUE |
| Enhancement Category | New  Modify  Expand |
| Custodial Package | BPS |
| Subscribing Package(s) | Outpatient Pharmacy |
| Usage | Controlled Subscription |
| Type | Routine |
| Routine | BPSBUTL |
| Component | $$AMT() |
| Input Variables | Name: RX  Description: Prescription IEN  Name: RFL  Description: Refill |
| Output Variables | Name: AMT  Description: Gross Amount Due |

Create new field IGNORE THRESHOLD in the EPHARMACY SITE PARAMETERS (#52.86).

|  |  |
| --- | --- |
| **File Name** | **EPHARMACY SITE PARAMETERS** |
| Send Full or Partial DD | PARTIAL |
| Data Dictionary Number | 52.86 |
| Field Number | 7 |
| Update the Data Dictionary | YES |
| Send Security Codes | NO |
| Screen to Determine DD Update | n/a |
| Data Comes with File | NO |

|  |  |
| --- | --- |
| **Fields** | **Values** |
| **FILE** | EPHARMACY SITE PARAMETERS |
| **FIELD** | IGNORE THRESHOLD |
| **FIELD NUMBER** | 7 |
| **NODE;PIECE** | 3;3 |
| **DATA TYPE** | NUMERIC |
| **INCLUSIVE LOWER BOUND** | 0 |
| **INCLUSIVE UPPER BOUND** | 9999999 |
| **IS THIS A DOLLAR AMOUNT** | NO |
| **MAXIMUM NUMBER OF FRACTIONAL DIGITS** | 0 |
| **MANDATORY** | NO |
| **DESCRIPTION** | The value of the Ignore Threshold field is compared to the Gross Amount Due of the prescription.  If the Gross Amount Due is greater than or equal to the value of this field, then the user must hold the EPHARMACY SITE MANAGER security key in order to Ignore the reject.  If the value of this field is set to 0, then no rejects can be Ignored unless the user has the security key. |
| **‘HELP’-PROMPT (Modified)** | Enter a value in the range of 0-9999999. |

# 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.

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

* Delete any values in field #7, IGNORE THRESHOLD, from the EPHARMACY SITE PARAMETERS FILE (#52.86). This could be performed via FileMan or from a routine written for the purpose.
* Delete field #7, IGNORE THRESHOLD, from the data dictionary file #52.86, EPHARMACY SITE PARAMETERS FILE. This could be performed via FileMan or from a routine written for the purpose.