**MCCF EDI TAS US1394**

System Design Document

PRCA\*4.5\*xxx



Department of Veterans Affairs

**April 2017**

Version 1

# Story

# As a user, I need the ability to move/copy/remove EEOBs to claims that have a payment posted from suspense. If a payment is in suspense because the user could not identify where to post the funds, then a valid claim is later discovered, I need the ability to associate the existing EEOB information in VistA to the claim payment when it is linked, FROM suspense, to the correct claim using the Link Payment option. Once the user enters the associated ERA, the software should use defined criteria to locate the corresponding EEOB from the ERA and prompt user to verify the EEOB is correct.

# (edits to current functionality in blue)

# Is this the correct ACCOUNT to apply the payment to? NO// y YES

# Does this claim have an associated EEOB? NO// Y

# Enter the ERA #: 12345

# (software finds EEOB based on criteria and displays EEOB)

# Is this the correct EEOB to associate with this claim? NO// Yes

# Updating the Linked Account with the payment and EEOB ... done.

**Conversation:**

1. Background – existing functionality

If EEOB payment detail for a claim/bill number on an ERA payment line does not correctly match the detail for same claim number in VistA Integrated Billing the ERA claim line can be moved to suspense in the Worklist and APAR Split/Edit options.

The Agent Cashier menu option Link Payment to Account [RCDP LINK PAYMENT TO ACCOUNT ] action ‘Link Payment to Account’ (protocol RCDP LINK PAYMENTS TO ACCOUNT) allows suspense payments from the worklist to be retrospectively allocated to the correct bill but the EEOB detail is ‘lost’ because it is no longer linked to the new payment claim.

Suspense EEOBs can optionally be marked manually as ‘removed’ via menu  option Move/Copy Remove EEOB [RCDPE EEOB MOVE/COPY/REMOVE] . The purpose of marking an EEOB as ‘removed’ is so that EEOB details are not displayed against the wrong patient or claim in TPJI Bill Charges screen or View/Print ERA options which are used for external patient data requests.

Also, under the new user story US317, receipt creation in the Worklist or Auto-post will automatically mark suspense claim EEOBs as ‘removed’.

1. User Story 1394 changes

Under this user story the option Link Payment to Account [RCDP LINK PAYMENT TO ACCOUNT] action ‘Link Payment to Account’ (protocol RCDP LINK PAYMENTS TO ACCOUNT) will be changed so that the user may now choose to restore the removed suspense EEOB to active status and move EEOB detail to the correct claim.

After payment (bill) selection the user will be asked if the payment has an EEOB. If the response is YES the following detail will be displayed for the EEOB:

     - Claim Number

     - Trace Number

     - Total Amount Paid

     - Removed By

     - Justification Comment

Users will be prompted to confirm this is the correct EEOB for this payment. On filing  the EEOB will be moved to the correct claim (if the payment claim number is different from the claim on the EEOB) and the EEOB removed status will be cleared.

Restored EEOB detail will be visible in TPJI/Bill Charges and View/Print ERA options.

The restored EEOB will also appear on the report option RCDPE EEOB MOVE/COPY/RMOVE RPT.

1. Additional User Story 1394 changes

EEOB moved to suspense (marked removed) are updated when receipts are created and before receipts are processed. In most cases receipts are created and processed at the same time but there is an option in ERA Worklist to leave unproved receipts in an un-processed state after they are created. The user may then go back into Agent Cashier menu Receipt Processing and allocate the receipt line to the correct EEOB. The Edit Payment action (RCDP RECEIPT PROFILE EDIT TRANSACTION protocol) will be modified to move EEOB to the correct claim and re-activate the EEOB suspense lines.

**Summary**

**Date fields required**

361.1,102     EEOB REMOVED           102;1 SET

              ELECTRONIC EXPLANATION OF BENEFITS REMOVED

                                '1' FOR REMOVED;

              LAST EDITED:      MAY 06, 2014

              HELP-PROMPT:      Enter 1 to indicate that the EEOB has been

                                removed.

              DESCRIPTION:      This field indicates that the ELECTRONIC

                                EXPLANATION OF BENEFITS (EEOB) detail on the

                                record has been filed against the wrong claim

                                and should be ignored by all reporting options.

**Routine changes**

1. LINKPAY^RCDPLPL3 – Existing routine – called from Agent Cashier menu ‘Link Payment to Account’ [RCDP LINK PAYMENT TO ACCOUNT] option. Routine is called by action ‘Link Payment to Account’ (protocol RCDP LINK PAYMENTS TO ACCOUNT).

At bill entry add code to use new calls to EEOB^RCDPEM5 (new routine to find and display EEOB and confirm this is correct one) and RESTORE^RCDPEM5 (new routine to make EEOB active) .

1. EDITTRAN^RCDPRPL1 – Existing routine – called from Agent Cashier Menu ‘Receipt Processing’ [RCDP RECEIPT PROCESSING] option. Routine is called by action ‘Edit Payment’ (protocol RCDP RECEIPT PROFILE EDIT TRANSACTION) .

At bill entry add code to use new calls to EEOB^RCDPEM5 (new routine to display EEOB and confirm this is correct one) and RESTORE^RCDPEM5 (new routine to make EEOB active).

1. RCDPEM5 – Existing routine - new tags EEOB and RESTORE.

Integration Agreement 5671 for IBCEOB4 will require modifying for new RESTORE^IBCEOB4 tag.

1. IBCEOB4 – Existing routine – add new RESTORE tag to clear EEOB REMOVED field.

**Resolution – Added Changed Objects**

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | **RCDPLPL3** | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDP LINK PAYMENT TO ACCOUNT | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | N/A | $$STATUS^GECSSGET  $$PROCESS^RCBEPAY  AUDIT^RCBEPAY  SUSPDIS^RCBEPAY  $$SELPAY^RCDPLPL1  MULTIPLE^RCDPLPL4  REMCMT^RCDPLPL4 INIT^RCDPLPLM  MAILMSG^RCDPLPSR  $$LOCKREC^RCDPRPLU  WRITE^RCDPRPLU  DELEACCT^RCDPURET  EDITACCT^RCDPURET  EDITFMS^RCDPURET |

| **Current Logic** |
| --- |
| ; LINKPAY ; link a payment to an account  N DA,DIR,DIRUT,DIROUT,DTOUT,DUOUT,X,Y  ;  .  .   . D QUIT  ;  ; receipt has been processed since the cash receipt document  ; has been generated. update the new account with payment  W !  I RCGECSCR'="" D  I RCERROR Q  . W !,"Updating the Linked Account with the payment ..."  . S RCERROR=$$PROCESS^RCBEPAY(RCRECTDA,RCTRANDA)  . ; an error occurred during processing a payment  . I RCERROR D  Q  . . W !  . . W !,"+------------------------------------------------------------------------------+"  . . W !,"| An ERROR has occurred when processing payment ",RCTRANDA," on receipt ",$P(^RCY(344,RCRECTDA,0),"^"),".",?79,"|"  . . W !,"| The error message returned during processing is:",?79,"|"  . . W !,"|",?79,"|"  . . W !,"| ",$P(RCERROR,"^",2),?79,"|"  . . W !,"|",?79,"|"  . . W !,"| You will need to correct the error before you can link the payment.",?79,"|"  . . W !,"+------------------------------------------------------------------------------+"  . . W !  . . D DELEACCT^RCDPURET(RCRECTDA,RCTRANDA)  . . S VALMSG="Account was deleted and not linked."  . . D WRITE^RCDPRPLU(VALMSG)  . . D QUIT  . ;  . ; payment processed correctly  . W " done."  . W !  . ;  . ;PRCA\*4.5\*304  . D REMCMT^RCDPLPL4(RCRECTDA,RCTRANDA) ; Remove the supense comment. No longer needed.   . ;  . ;File entry in Audit Log  . D AUDIT^RCBEPAY(RCRECTDA,RCTRANDA,"P")  . ;  . ; Update Suspense Status  . D SUSPDIS^RCBEPAY(RCRECTDA,RCTRANDA,"PD")  . ;end PRCA\*4.5\*304  . ;  ASKACCT() ; ask if its the correct account  ; 1 is yes, otherwise no  N DIR,DIQ2,DTOUT,DUOUT,X,Y  S DIR(0)="YO",DIR("B")="NO"  S DIR("A")=" Is this the correct ACCOUNT to apply the payment to"  D ^DIR  I $G(DTOUT)!($G(DUOUT)) S Y=-1  Q Y |

| **Modified Logic (Changes are in bold)** |
| --- |
| ; LINKPAY ; link a payment to an account   N DA,DIR,DIRUT,DIROUT,DTOUT,DUOUT,RCEEOB,X,Y   ;  .  .  .   . D QUIT  ;  **; Option to restore suspense EEOB  S RCEEOB=$$EEOB^RCDPEM5(RCRECTDA,RCTRANDA) Q:RCEEOB<0**  **;**  ; receipt has been processed since the cash receipt document  ; has been generated. update the new account with payment  ;   W !  I RCGECSCR'="" D  I RCERROR Q  . W !,"Updating the Linked Account with the payment ..."  . S RCERROR=$$PROCESS^RCBEPAY(RCRECTDA,RCTRANDA)  . ; an error occurred during processing a payment  . I RCERROR D  Q  . . W !  . . W !,"+------------------------------------------------------------------------------+"  . . W !,"| An ERROR has occurred when processing payment ",RCTRANDA," on receipt ",$P(^RCY(344,RCRECTDA,0),"^"),".",?79,"|"  . . W !,"| The error message returned during processing is:",?79,"|"  . . W !,"|",?79,"|"  . . W !,"| ",$P(RCERROR,"^",2),?79,"|"  . . W !,"|",?79,"|"  . . W !,"| You will need to correct the error before you can link the payment.",?79,"|"  . . W !,"+------------------------------------------------------------------------------+"  . . W !  . . D DELEACCT^RCDPURET(RCRECTDA,RCTRANDA)  . . S VALMSG="Account was deleted and not linked."  . . D WRITE^RCDPRPLU(VALMSG)  . . D QUIT  . ;  . ; payment processed correctly  . W " done."  . W !  . ;  . ;PRCA\*4.5\*304  . D REMCMT^RCDPLPL4(RCRECTDA,RCTRANDA) ; Remove the supense comment. No longer needed.   . ;  . ;File entry in Audit Log  . D AUDIT^RCBEPAY(RCRECTDA,RCTRANDA,"P")  . ;  . ; Update Suspense Status  . D SUSPDIS^RCBEPAY(RCRECTDA,RCTRANDA,"PD")  . ;end PRCA\*4.5\*304  **. ; Update EEOB claim number and restore to active status  . D:RCEEOB RESTORE^RCDPEM5(RCRECTDA,RCTRANDA,RCEEOB)**  . ;  ASKACCT() ; ask if its the correct account  ; 1 is yes, otherwise no  N DIR,DIQ2,DTOUT,DUOUT,X,Y |

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | **RCDPRPL1** | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDP RECEIPT PROCESSING | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | RCDPRPL2 | INIT^RCDPRPLM  $$CHECKREC^RCDPRPLU  $$LOCKREC^RCDPRPLU  WRITE^RCDPRPLU  $$SELRECT^RCDPUREC  $$ADDTRAN^RCDPURET  $$EDITTRAN^RCDPURET  $$MOVETRAN^RCDPURET  $$SELTRAN^RCDPURET  CANCTRAN^RCDPURET  DELETRAN^RCDPURET |

| **Current Logic** |
| --- |
| ; EDITTRAN ; option: edit a payment transaction  ; this option can only be selected for unapproved receipts  ; screen placed in protocol file and below as backup  D FULL^VALM1  S VALMBCK="R"  ;  N %,RCTRANDA  ; select the payment transaction  S RCTRANDA=$$SELPAY(RCRECTDA) I RCTRANDA<1 Q  ;  I '$$LOCKREC^RCDPRPLU(RCRECTDA) Q  ;  ; transaction is cancelled, cannot edit  I '$P(^RCY(344,RCRECTDA,1,RCTRANDA,0),"^",4),$P($G(^RCY(344,RCRECTDA,1,RCTRANDA,1)),"^")'="" D  Q  . S VALMSG="Payment Transaction "\_RCTRANDA\_" is CANCELLED."  . D WRITE^RCDPRPLU(VALMSG)  . L -^RCY(344,RCRECTDA)  ;  W !!,"Editing Payment: ",RCTRANDA  S %=$$EDITTRAN^RCDPURET(RCRECTDA,RCTRANDA)  I '% S VALMSG="Transaction DELETED." D WRITE^RCDPRPLU(VALMSG)  ;  D INIT^RCDPRPLM  L -^RCY(344,RCRECTDA)  Q  ; |

| **Modified Logic (Changes are in bold)** |
| --- |
| ; EDITTRAN ; option: edit a payment transaction  ; this option can only be selected for unapproved receipts  ; screen placed in protocol file and below as backup  D FULL^VALM1  S VALMBCK="R"  ;  N %,RCTRANDA  ; select the payment transaction  S RCTRANDA=$$SELPAY(RCRECTDA) I RCTRANDA<1 Q  ;  I '$$LOCKREC^RCDPRPLU(RCRECTDA) Q  ;  ; transaction is cancelled, cannot edit  I '$P(^RCY(344,RCRECTDA,1,RCTRANDA,0),"^",4),$P($G(^RCY(344,RCRECTDA,1,RCTRANDA,1)),"^")'="" D  Q  . S VALMSG="Payment Transaction "\_RCTRANDA\_" is CANCELLED."  . D WRITE^RCDPRPLU(VALMSG)  . L -^RCY(344,RCRECTDA)  ;  W !!,"Editing Payment: ",RCTRANDA  S %=$$EDITTRAN^RCDPURET(RCRECTDA,RCTRANDA)  I '% S VALMSG="Transaction DELETED." D WRITE^RCDPRPLU(VALMSG)  ;  **; Option to restore suspense EEOB  S RCEEOB=$$EEOB^RCDPEM5(RCRECTDA,RCTRANDA)**  **;**  **; Update EEOB claim number and restore to active status  D:RCEEOB RESTORE^RCDPEM5(RCRECTDA,RCTRANDA,RCEEOB)**  ;  D INIT^RCDPRPLM  L -^RCY(344,RCRECTDA)  Q  ; |

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | **RCDPEM5** | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDPE EEOB MOVE/COPY/REMOVE | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | RCDPEWL3  (additional routines will use RCDPEM5 in US317 changes) | $$LOCK^IBCEOB4  COPY^IBCEOB4  MOVE^IBCEOB4  REMOVE^IBCEOB4  UNLOCK^IBCEOB4  AUDIT^RCDPAYER  $$NOW^XLFDT  OWNSKEY^XUSRB |

| **Current Logic** |
| --- |
| N/A |

| **Modified Logic (Changes are in bold)** |
| --- |
| **; EEOB(RCRCPT,RCTRANDA) ; Option to restore associated suspended/removed EEOB  ;  ; INPUT - RCRCPT - Receipt ien #344  ; - RCTRANDA - Receipt line #344.01  ;  ; OUTPUT - RCEEOB - selected EEOB ien #361.1   ; or 0 if no EEOB  ; or -1 if ^ abort**  **;  N CLAIM,RCEEOB,RCERA,RCLINE  ; Get new claim IEN from receipt line  S CLAIM=$P($$GET1^DIQ(344,RCTRANDA\_","\_1\_","\_RCRCPT\_",",.09,"I"),";")  ; Quit if this is not a third party claim payment  Q:CLAIM'["PRCA" 0  ; Check if ERA has a suspended EEOB for this line  S RCEEOB=$$SUSP(RCRCPT,RCTRANDA,.RCERA,.RCLINE)**  **; If no suspended EEOB skip prompt**  **Q:'RCEEOB 0  ;  N DIR,RCEEOBH,X,Y  S DIR(0)="YO",DIR("B")="NO"  S DIR("A")="Does this claim have an associated EEOB"  D ^DIR  I $G(DTOUT)!($G(DUOUT)) D QUIT Q -1  I Y=0 Q 0  ;   ; Get last move/copy history record - Read access to file #361.1 under IA 4051  S RCEEOBH=$O(^IBM(361.1,EEOB,101,0),-1)  ; Quit if EEOB if no history found – should not occur since EEOB is suspended  Q:'RCEEOBH 0  ; Display EOB detail  W !,"Claim Number: ",$$GET1^DIQ(344.41,RCLINE\_","\_RCERA,.02,"E")  W !,"Trace Number: ",$$GET1^DIQ(344.4,RCERA,.02,"E")  W !,"Total Amount Paid: ",$$GET1^DIQ(361.1,RCEEOB,1.01,"E")  W !,"Date/Time Removed: ",$$GET1^DIQ(361.1101,RCEEOBH\_","\_EEOB,.01,"E")  W !,"Removed by: ",$$GET1^DIQ(361.1101,RCEEOBH\_","\_RCEEOB,.02,"E")  W !,"Justification:",$$GET1^DIQ(361.1101,RCEEOBH\_","\_RCEEOB,.03,"E")  ;  ; Confirm that this is the correct EEOB  S DIR(0)="YO",DIR("B")="NO"  S DIR("A")="Is this the correct EEOB to associate with this claim"  D ^DIR  I $G(DTOUT)!($G(DUOUT)) D QUIT Q -1  I Y-0 Q 0  ;  ;Return selected EEOB  Q RCEEOB  ; SUSP(RCRCPT,RCTRANDA,RCERA,RCLINE) ; Identify suspended EEOB  ;  ; INPUT - RCRCPT - Receipt ien #344  ; - RCTRANDA - Receipt line #344.01  ;  ; OUTPUT - RCEEOB - selected EEOB ien #361.1   ; - RCERA - ERA ien #344.4  ; - RCLINE - ERA line #344.41;  ;**  **N RCEEOB,RCRCZ  ; Get ERA from receipt  S RCERA=$$GET1^DIQ(344,RCRCPT\_",",.18,"I")  ; Quit if no ERA  Q:'RCERA 0  ; Get ERA Scratchpad line  S RCRCZ=$$GET1^DIQ(344.01,RCTRANDA\_","\_RCRCPT\_",",.27,"I") Q  ; Quit if ERA scratchpad line missing  Q:'RCRCZ 0  ; Get ERA line from scratchpad line  S RCLINE=$$GET1^DIQ(344.01,RCRCZ\_","\_RCERA\_",",.09,"I") Q  ; Quit if ERA line not found  Q:'RCLINE 0  ; Get EEOB from ERA line  S RCEEOB=$$GET1^DIQ(344.41,RCLINE\_","\_RCERA\_",",.02,"I") Q  ; Quit if ERA line ponter to EEOB is missing  Q:'RCEEOB 0  ; Ignore EEOB if status is not removed - read access to file #361.1 under IA 4051  Q:$$GET1^DIQ(361.1,RCEEOB\_",",.02,"I")'=1 0  ; Return suspended EEOB IEN  Q RCEEOB  ;**  **RESTORE(RCPTDA,RCTRANDA,ORIG) ; Change bill number on EOB and clear 'removed' status  ;  ; INPUT - RCPTDA - Receipt ien #344  ; - RCTRANDA - Receipt line #344.01  ; - ORIG - EOB ien #361.1  ;  Q:'$$LOCK^IBCEOB4(ORIG)  ;  N NCLAIM,JUST  ; Get new claim IEN from receipt line  S NCLAIM=$P($$GET1^DIQ(344,RCTRANDA\_”,”\_1\_”,”\_RCPTDA\_”,”,.09,”I”),";")  ; Set up justification text  S JUST="EEOB MOVED FROM SUSPENSE IN LINK PAYMENTS"  ; Update AR comments on 'from claim'  D AUDIT^RCDPAYER(ORIG,JUST,"W")  ; Change claim number on EOB  D MOVE^IBCEOB4(ORIG,NCLAIM,DUZ,$$NOW^XLFDT,JUST,"M")  ; Reset EEOB REMOVED status  D RESTORE^IBCEOB4(ORIG)  ;Unlock EOB  D UNLOCK^IBCEOB4(ORIG)  Q**  \*\* General – add comments to existing subroutines to describe parameters for each subroutine |

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | **IBCEOB4** | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDPE EEOB MOVE/COPY/REMOVE  \*\* NOTE – US 317 will add auto-remove to ERA WL and PRCA Nightly job options \*\* | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | RCDPEM5 | ^DIE  IX^DIK  $$EXTERNAL^DILFD  $$NOW^XLFDT |

| **Current Logic** |
| --- |
| N/A |

| **Modified Logic (Changes are in bold)** |
| --- |
| **RESTORE(EOBIEN) ;EP**  **; Clear EEOB REMOVED flag from previously suspensed EEOB**  **; INPUT - EEOBIEN - #361.1 IEN   ;  Q:'EOBIEN  ;  N DIE,DA,DR,X,Y  S DIE="^IBM(361.1,",DA=EOBIEN  ;Update EEOB REMOVED  S DR="102///@"  D ^DIE  Q** |