**MCCF EDI TAS US49**

System Design Document

PRCA\*4.5\*xxx



Department of Veterans Affairs

**May 2017**

Version 1

**User Story Number:** US49

# Story

As a user, I need to efficiently determine if receipts have processed through FMS successfully or if they require additional review.  The receipts go through the overnight processing and return a status of “accepted by FMS” “rejected by FMS” ”Not Entered”, may be caught in a “transmitted” status, or remain open.  The current process is to run the entire report, download it into Excel, and sort to find items not “accepted by FMS.”

The manual receipts not in the “accepted by FMS” status do not count toward collections.  Putting this in a list**-**manager format would allow a user to choose via menu options to view items that need user correction and take action on those items (close and process a receipt; reprocess the receipt; or notify Accounting to do an on-line entry.)  This would save the steps of waiting for the report to run (several minutes), the time to download to Excel, the time to sort, and return to Vista to address each item (which may time out Vista.)  There should be an option to “reprocess all” receipts “rejected by FMS” to reprocess all receipts in one action.

**Conversation**

# User needs [RCDP LIST OF RECEIPTS REPORT], List of Receipts Report from the Agent Cashier Menu put into list-manager for research/resolution of problematic receipts.

# Filters will need to be defined as part of the design.

Add prompt to existing option for this report and ask user if they want report or ListManager.

WANT A SORT BY STATUS, TYPE

ADD PROMPT ON WAY IN ON HOW THEY WANT TO SORT

PUT IN LIST MANAGER, SO CAN GO IN AND VIEW RECEIPTS TO SEE THE RECEIPT DETAIL

5/10

Add listman view

Add new filter for FMS Status (multiple choice): Note – possible testing tool mod to allow for adding types

* “accepted by FMS”
* “rejected by FMS”
* ”Not Entered”,
* “all”
* “Transmitted”
* “Queued for Transmission”

Add new filter for receipt type (multiple choice): Note – possible testing tool mod to allow for adding types

* ADMINISTRATIVE OFFSET
* CASH PAYMENT
* CHECK/MO PAYMENT
* CREDIT CARD PAYMENT
* DEPT OF JUSTICE PAYMENT
* EDI LOCKBOX
* LOCKBOX
* PRIVATE COLLECTION AGENCY
* REGIONAL COUNSEL PAYMENT
* TDA PAYMENT
* TOP PAYMENT

Current report runs very slowly, dev team will investigate

Need to discuss actions, possibly more filters and prompts on 5/17

5/17

Filter Prompt order:

FMS Status

Receipt Type

Actions:

Receipt Processing [RCDP RECEIPT PROCESSING]

PR Process Receipt (this is the action that is needed on the listman view)

Verify selected receipts to reprocess

**Summary:**

1. **Data fields needed by user story:**
2. Add cross reference to file 344, DATE OPENED field to speed report compilation.

344,.03 DATE OPENED 0;3 DATE

INPUT TRANSFORM: S %DT="ETX" D ^%DT S X=Y K:Y<1 X

LAST EDITED: MAY 24, 2017

DESCRIPTION: This field contains the date/time the receipt

was created.

CROSS-REFERENCE: 344^AO

1)= S ^RCY(344,"AO",$E(X,1,30),DA)=""

2)= K ^RCY(344,"AO",$E(X,1,30),DA)

1. **Changed Routines:**

1. **RCDPRLIS** – Existing routine
   1. Use new index AO on DATE OPENED to speed compilation.
   2. Add filter by list of FMS Status. Note: this status is a set of codes drawn from the STATUS field (3) of the file GENERIC CODE SHEET STACK file (#2100.1). Prompt for filter. Multiple values allowed. Honor filter when compiling the report.
   3. Add filter by TYPE OF PAYMENT field (.04). Note: this field is a pointer to the AR EVENT TYPE file (341.1) and allowable values are those with a CATEGORY field (.06) equal to 1=PAYMENT. Prompt for filter, multiple values allowed. Honor filter in report compilation.
   4. Add sort by FMS Status and Type of Payment (see notes on ii. And iii. above). Prompt for sort order. Honor sort order in report compilation.
2. RCDPRL – New Routine
   1. Compile ListMan version of LIST OF RECIEPTS REPORT.
   2. Code for protocol action to process receipt
3. **Changed List Templates**
   1. **RCDP LIST OF RECIEPTS REPORT – New List Template**

**LIST OF RECEIPTS** May 28, 2017@21:04:06 Page: 1 of 4

DATE RANGE : 05/01/17 TO 05/28/17 SORT ORDER: DATE OPENED

FMS STATUS : ALL

PAYMENT TYPES: ALL

# DATE RECEIPT TYPE US COUNT AMOUNT FMS CR DOC STATUS

1 05/09/17 E17050900 EDI ar 1 36.42 CR-442K7A0005 QUEUED

2 05/09/17 E17050901 EDI ar 1 36.42 CR-442K7A0006 QUEUED

3 05/09/17 E17050902 EDI ar 1 36.42 CR-442K7A0007 QUEUED

4 05/10/17 E17051000 EDI ar 1 36.42 CR-442K7A0008 QUEUED

5 05/10/17 E17051001 EDI ar 1 36.42 CR-442K7A0009 QUEUED

6 05/11/17 E17051100 EDI ar 1 30.00 CR-442K7A000A ACCEPT

7 05/11/17 E17051101 EDI PH 1 0.00 NOT SENT NOT EN

8 05/11/17 E17051102 CHECK PH 1 36.42 CR-442K7A000B ACCEPT

9 05/11/17 E17051103 EDI ar 1 36.42 CR-442K7A000C QUEUED

10 05/11/17 E17051104 EDI ar 1 36.42 CR-442K7A000D ACCEPT

11 05/11/17 E17051105A EDI ar 2 36.42 TR-442K7A000E ACCEPT

12 05/11/17 E17051106 EDI ar 1 36.42 CR-442K7A000F ACCEPT

13 05/11/17 E17051107A EDI ar 2 36.42 TR-442K7A000G ACCEPT

14 05/11/17 E17051108 EDI ar 1 36.42 CR-442K7A000H ACCEPT

15 05/12/17 E17051200 CHECK PH 2 36.42 CR-442K7A000I QUEUED

+ Enter ?? for more actions

RP Process Receipt EX Exit

Select Item(s): Next Screen//

1. **Changed Prompts**
   1. **CurrentPrompts**

Start with RECEIPT Opened Date: MAY 01, 2017// (MAY 01, 2017)

End with RECEIPT Opened Date: MAY 24, 2017//

* 1. **Proposed Prompts**

Start with RECEIPT Opened Date: MAY 01, 2017// (MAY 01, 2017)

End with RECEIPT Opened Date: MAY 24, 2017//

Sort By (D)ATE OPENED, (F)MS STATUS OR (T)YPE OF PAYMENT: D//?

Select an option for the sort order of the report as follows:

D – By Date Opened

F – By FMS Status

T – By Type of Payment

Sort By: D//

Filter report by FMS Status?: NO// YES

Select FMS Status’ to include in the report: ?

Select from the following FMS Status’. You will be prompted multiple

times until you hit enter without choosing a status.

Q - QUEUED FOR TRANSMISSION

M - MARKED FOR IMMEDIATE TRANSMISSION BY EVENT

T - TRANSMITTED

E - ERROR DURING TRANSMISSION

A - ACCEPTED BY FMS

R - REJECTED BY FMS

F - FINAL - NO FURTHER ACTIVITY ALLOWED

Select FMS Status’ to include in the report: E

Select FMS Status’ to include in the report: E

Select FMS Status’ to include in the report: E

Filter report by Type of Payment?: NO// YES

Select Payment Types to Include in the Report: ?

15 - ADMINISTRATIVE OFFSET

6 - CASH PAYMENT

4 - CHECK/MO PAYMENT

7 - CREDIT CARD PAYMENT

5 - DEPT OF JUSTICE PAYMENT

14 - EDI LOCKBOX

12 - LOCKBOX

16 - PRIVATE COLLECTION AGENCY

3 - REGIONAL COUNSEL PAYMENT

8 - TDA PAYMENT

13 - TOP PAYMENT

Select Payment Types to Include in the Report: 6 CASH PAYMENT

Select Payment Types to Include in the Report: 4 CHECK/MO PAYMENT

Select Payment Types to Include in the Report:

Display in List Manager format? (Y/N): NO// YES

**Resolution – Added Changed Objects**

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | RCDPRLIS | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDP LIST OF RECEIPTS REPORT | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  |  | DIQ344^RCDPRPLM  $$FMSSTAT^RCDPUREC  PAUSE^RCRJRTR1  DATESEL^RCRJRTRA |

| **Current Logic** |
| --- |
| RCDPRLIS ;WISC/RFJ - list of receipts report ;1 Jun 99  ;;4.5;Accounts Receivable;\*\*114,304\*\*;Mar 20, 1995;Build 104  ;;Per VA Directive 6402, this routine should not be modified.  ;  N DATEEND,DATESTRT,POP  W !  D DATESEL^RCRJRTRA("RECEIPT Opened")  I '$G(DATESTRT)!('$G(DATEEND)) Q  ;  ; select device  W ! S %ZIS="Q" D ^%ZIS I POP Q  I $D(IO("Q")) D  D ^%ZTLOAD K IO("Q"),ZTSK Q  . S ZTDESC="List of Receipts",ZTRTN="DQ^RCDPRLIS"  . S ZTSAVE("DATE\*")="",ZTSAVE("ZTREQ")="@"  W !!,"<\*> please wait <\*>"  ; DQ ; queued report starts here  N %,%I,DATA,DATE,DATEDIS1,DATEDIS2,FMSDOCNO,NOW,PAGE,RCDPDATA,RCDPFPRE,RCRECTDA,RCRJFLAG,RCRJLINE,SCREEN,TOTALS,TYPE,X,Y  K ^TMP("RCDPRLIS",$J)  S RCRECTDA=0 F  S RCRECTDA=$O(^RCY(344,RCRECTDA)) Q:'RCRECTDA  D  . K RCDPDATA  . D DIQ344^RCDPRPLM(RCRECTDA,".01:200")  . S RCDPDATA(344,RCRECTDA,.03,"I")=$P(RCDPDATA(344,RCRECTDA,.03,"I"),".")  . I RCDPDATA(344,RCRECTDA,.03,"I")<DATESTRT Q  . I $P(RCDPDATA(344,RCRECTDA,.03,"I"),".")>DATEEND Q  . ; get fms document ^ status ^ pre lockbox patch  . S FMSDOCNO=$$FMSSTAT^RCDPUREC(RCRECTDA)  . ; compute totals by type  . I RCDPDATA(344,RCRECTDA,.04,"E")="" S RCDPDATA(344,RCRECTDA,.04,"E")="UNKNOWN"  . S $P(TOTALS(RCDPDATA(344,RCRECTDA,.04,"E")),"^",1)=$P($G(TOTALS(RCDPDATA(344,RCRECTDA,.04,"E"))),"^",1)+RCDPDATA(344,RCRECTDA,101,"E")  . S $P(TOTALS(RCDPDATA(344,RCRECTDA,.04,"E")),"^",2)=$P($G(TOTALS(RCDPDATA(344,RCRECTDA,.04,"E"))),"^",2)+RCDPDATA(344,RCRECTDA,.15,"E")  . S $P(TOTALS,"^",1)=$P($G(TOTALS),"^",1)+RCDPDATA(344,RCRECTDA,101,"E")  . S $P(TOTALS,"^",2)=$P($G(TOTALS),"^",2)+RCDPDATA(344,RCRECTDA,.15,"E")  . ; opened by  . I RCDPDATA(344,RCRECTDA,.02,"E")'="" D  . . S RCDPDATA(344,RCRECTDA,.02,"E")=$E($P(RCDPDATA(344,RCRECTDA,.02,"E"),",",2))\_$E(RCDPDATA(344,RCRECTDA,.02,"E"))  . . I RCDPDATA(344,RCRECTDA,.02,"I")=.5 S RCDPDATA(344,RCRECTDA,.02,"E")="ar"  . ;  . S DATA=RCDPDATA(344,RCRECTDA,.01,"E")  . S DATA=DATA\_"^"\_RCDPDATA(344,RCRECTDA,.04,"E") ;payment type  . S DATA=DATA\_"^"\_RCDPDATA(344,RCRECTDA,.02,"E") ;user initials  . S DATA=DATA\_"^"\_RCDPDATA(344,RCRECTDA,101,"E") ;payment count  . S DATA=DATA\_"^"\_RCDPDATA(344,RCRECTDA,.15,"E") ;payment amount  . S DATA=DATA\_"^"\_$S($P(FMSDOCNO,"^",3):"\*",1:" ") ;pre lockbox  . S DATA=DATA\_"^"\_$P(FMSDOCNO,"^") ;fms cr document  . S DATA=DATA\_"^"\_$P(FMSDOCNO,"^",2) ;fms cr doc status  . S ^TMP("RCDPRLIS",$J,RCDPDATA(344,RCRECTDA,.03,"I"),RCRECTDA)=DATA  ;  S Y=$P(DATESTRT,".") D DD^%DT S DATEDIS1=Y  S Y=$P(DATEEND,".") D DD^%DT S DATEDIS2=Y  D NOW^%DTC S Y=% D DD^%DT S NOW=Y  S PAGE=1,RCRJLINE="",$P(RCRJLINE,"-",81)=""  S SCREEN=0 I '$D(ZTQUEUED),IO=IO(0),$E(IOST)="C" S SCREEN=1  U IO D H  S DATE=0 F  S DATE=$O(^TMP("RCDPRLIS",$J,DATE)) Q:'DATE!($G(RCRJFLAG)) D  . S RCRECTDA=0 F  S RCRECTDA=$O(^TMP("RCDPRLIS",$J,DATE,RCRECTDA)) Q:'RCRECTDA!($G(RCRJFLAG)) D  . . S DATA=^TMP("RCDPRLIS",$J,DATE,RCRECTDA)  . . W !,$E(DATE,4,5),"/",$E(DATE,6,7),"/",$E(DATE,2,3)  . . W ?9,$P(DATA,"^")  . . W ?22,$E($P($P(DATA,"^",2)," "),1,8) ;payment type  . . W ?31,$E($P(DATA,"^",3),1,2) ;user initials  . . W ?33,$J($P(DATA,"^",4),6) ;payment count  . . W $J($P(DATA,"^",5),13,2) ;payment amount  . . W ?54,$P(DATA,"^",6) ;pre lockbox  . . W ?55,$P(DATA,"^",7) ;fms cr document  . . W ?71,$E($P(DATA,"^",8),1,9) ;fms cr doc status  . . ;  . . ; set pre lockbox flag to 1 to show note at end of report  . . I $P(DATA,"^",6)="\*" S RCDPFPRE=1  . . ;  . . I $Y>(IOSL-6) D:SCREEN PAUSE^RCRJRTR1 Q:$G(RCRJFLAG) D H  ;  I $G(RCRJFLAG) D Q Q  I $G(RCDPFPRE) W !?54,"\*CR tied to deposit"  W !?33,"------ -----------"  W !?33,$J($P($G(TOTALS),"^"),6),$J($P($G(TOTALS),"^",2),13,2)  ;  ; show totals by type of payment  W !!,"TOTALS BY TYPE OF PAYMENT"  W !,"-------------------------"  S TYPE="" F  S TYPE=$O(TOTALS(TYPE)) Q:TYPE=""!($G(RCRJFLAG)) D  . W !,TYPE,?33,$J($P(TOTALS(TYPE),"^"),6),$J($P(TOTALS(TYPE),"^",2),13,2)  . I $Y>(IOSL-6) D:SCREEN PAUSE^RCRJRTR1 Q:$G(RCRJFLAG) D H  ;  I $G(RCRJFLAG) D Q Q  I SCREEN U IO(0) R !,"Press RETURN to continue:",%:DTIME  ; Q D ^%ZISC  K ^TMP("RCDPRLIS",$J)  Q  ;  ; H ; header  N %  S %=NOW\_" PAGE "\_PAGE,PAGE=PAGE+1 I PAGE'=2!(SCREEN) W @IOF  W $C(13),"LIST OF RECEIPTS REPORT",?(80-$L(%)),%  W !," FOR THE DATE RANGE: ",DATEDIS1," TO ",DATEDIS2  W !,"DATE",?9,"RECEIPT",?22,"TYPE",?31,"US",?33,$J("COUNT",6),$J("AMOUNT",13),?55,"FMS CR DOC",?71,"STATUS"  W !,RCRJLINE  Q |

| **Modified Logic (Changes are in bold)** |
| --- |
| RCDPRLIS ;WISC/RFJ - list of receipts report ;1 Jun 99  ;;4.5;Accounts Receivable;\*\*114,304\*\*;Mar 20, 1995;Build 104  ;;Per VA Directive 6402, this routine should not be modified.  ;  N **%ZIS**,DATEEND,DATESTRT,POP,**RCFILTF,RCFILTT,RCSORT,ZTDESC,ZTQUEUED,ZTRTN,ZTSAVE,ZTSK**  W !  D DATESEL^RCRJRTRA("RECEIPT Opened")  I '$G(DATESTRT)!('$G(DATEEND)) Q  ;  **; Prompt for sort order US49  S RCSORT=$$SORTSEL()  I RCSORT=-1 Q  ;  ; Prompt for filter by FMS Status US49  D SELFILTF(.RCFILTF)  I RCFILTF=-1 Q  ;  ; Prompt for filter by Payment Type US49  D SELFILTT(.RCFILTT)  I RCFILTT=-1 Q  ;  ; Ask for ListMan display, exit if timeout or '^'  W !  S RCLSTMGR=$$ASKLM^RCDPEARL() I RCLSTMGR<0 Q  ;  ; Send report to Listman if requested  I RCLSTMGR D  D CLEAN Q  . D DQ  . D EN^RCDPRL**  ;  ; select device  W ! S %ZIS="Q" D ^%ZIS I POP Q  I $D(IO("Q")) D  D ^%ZTLOAD K IO("Q"),ZTSK Q  . S ZTDESC="List of Receipts",ZTRTN="DQ^RCDPRLIS"  . S ZTSAVE("DATE\*")="",**ZTSAVE("RC\*")="",**ZTSAVE("ZTREQ")="@"  W !!,"<\*> please wait <\*>" **D DQ  Q**  ; DQ ; queued report starts here  N %,%I,CNT,DATA,DATE,DATEDIS1,DATEDIS2,FMSDOCNO,FMSTATUS,NOW,PAGE,**PTYPE,**RCDPDATA,RCDPFPRE,RCRECTDA  **N** RCRJFLAG,RCRJLINE,**RCUSER,**SCREEN,**SPACE**,TOTALS,TYPE,X,Y  K ^TMP($J,"RCDPRLIS")  **S SPACE=$J("",80)**  **S RCDK=$$FMADD^XLFDT(DATESTRT,-1)\_".24" ; Initialize start date for first $ORDER  S DATEEND=DATEEND\_".24" ; Receipt date opened can include time, so compare with midnight on the end date.  F  S RCDK=$O(^RCY(344,"AO",RCDK)) Q:(RCDK=""!(RCDK>DATEEND)) D  ;  . S RCRECTDA=0 F  S RCRECTDA=$O(^RCY(344,"AO",RCDK,RCRECTDA)) Q:'RCRECTDA  D**  **. .** K RCDPDATA  . . D DIQ344^RCDPRPLM(RCRECTDA,".01:200")  . . ; get fms document ^ status ^ pre lockbox patch  . . S FMSDOCNO=$$FMSSTAT^RCDPUREC(RCRECTDA)  **. . ; Apply filter by FMS Status  . . S FMSTATUS=$P(FMSDOCNO,"^",2)  . . I RCFILTF,FMSTATUS'="",'$D(RCFILTF(FMSTATUS)) Q  ; this status not included  . . ; Apply filter by Payment Type  . . S PTYPE=RCDPDATA(344,RCRECTDA,.04,"E")  . . I RCFILTT,PTYPE'="",'$D(RCFILTT(PTYPE)) Q  ; this status not included**  . . ;  . . ; compute totals by type  . . I RCDPDATA(344,RCRECTDA,.04,"E")="" S RCDPDATA(344,RCRECTDA,.04,"E")="UNKNOWN"  . . S $P(TOTALS(**PTYPE**),"^",1)=$P($G(TOTALS(**PTYPE)**),"^",1)+RCDPDATA(344,RCRECTDA,101,"E")  . . S $P(TOTALS(**PTYPE**),"^",2)=$P($G(TOTALS(**PTYPE**)),"^",2)+RCDPDATA(344,RCRECTDA,.15,"E")  . . S $P(TOTALS,"^",1)=$P($G(TOTALS),"^",1)+RCDPDATA(344,RCRECTDA,101,"E")  . . S $P(TOTALS,"^",2)=$P($G(TOTALS),"^",2)+RCDPDATA(344,RCRECTDA,.15,"E") **. . ;  . . ; opened by  . . I RCDPDATA(344,RCRECTDA,.02,"I")=.5 D  ;  . . . S RCUSER="ar"  . . E  D  ;  . . . S RCUSER=RCDPDATA(344,RCRECTDA,.02,"E")  . . . I RCUSER'="" D  . . . . S RCUSER=$E($P(RCUSER,",",2))\_$E(RCUSER)  . . ;**  . . S DATA=RCDPDATA(344,RCRECTDA,.01,"E") **;receipt number**  . . S DATA=DATA\_"^"\_RCDPDATA(344,RCRECTDA,.03,"I") ;date opened  . . S DATA=DATA\_"^"\_RCDPDATA(344,RCRECTDA,.04,"E") ;payment type  . . S DATA=DATA\_"^"\_RCUSER                           ;user initials  . . S DATA=DATA\_"^"\_RCDPDATA(344,RCRECTDA,101,"E") ;payment count  . . S DATA=DATA\_"^"\_RCDPDATA(344,RCRECTDA,.15,"E") ;payment amount  . . S DATA=DATA\_"^"\_$S($P(FMSDOCNO,"^",3):"\*",1:" ") ;pre lockbox  . . S DATA=DATA\_"^"\_$P(FMSDOCNO,"^") ;fms cr document  . . S DATA=DATA\_"^"\_$P(FMSDOCNO,"^",2) ;fms cr doc status  **. . S DATA=DATA\_"^"\_RCRECTDA                         ;ien of file 344**  . . ; **. . ; Index ^TMP global by user selected sort order  . . I RCSORT="D" S RCIX=RCDPDATA(344,RCRECTDA,.03,"I")  . . I RCSORT="F" S RCIX=FMSTATUS  . . I RCSORT="T" S RCIX=PTYPE  . . S ^TMP($J,"RCDPRLIS","SORT",RCIX,RCRECTDA)=DATA**  ;  **S Y=$P(DATESTRT,".") S DATEDIS1=$$FMTE^XLFDT(Y,"2DZ")  S Y=$P(DATEEND,".") S DATEDIS2=$$FMTE^XLFDT(Y,"2DZ")**  D NOW^%DTC S Y=% D DD^%DT S NOW=Y  S PAGE=1,RCRJLINE="",$P(RCRJLINE,"-",81)=""  S SCREEN=0 I '$D(ZTQUEUED),'$G(RCLSTMGR),IO=IO(0),$E(IOST)="C" S SCREEN=1  **D HDR ; Compile header in to ^TMP for use in report or ListMan**  U IO D**:'$G(RCLSTMGR)** H  **S CNT=0  S RCIX=0 F  S RCIX=$O(^TMP($J,"RCDPRLIS","SORT",RCIX)) Q:RCIX=""!($G(RCRJFLAG)) D  . S RCRECTDA=0 F  S RCRECTDA=$O(^TMP($J,"RCDPRLIS","SORT",RCIX,RCRECTDA)) Q:'RCRECTDA!($G(RCRJFLAG)) D  . . S DATA=^TMP($J,"RCDPRLIS","SORT",RCIX,RCRECTDA)  . . S DATE=$P(DATA,"^",2)  . . S CNT=CNT+1**  **. . S XX=""  . . I RCLSTMGR S XX=" "\_$E(CNT\_SPACE,1,4)\_" "                          ; line number (for listman)  . . S XX=XX\_$$FMTE^XLFDT(DATE,"2ZD")\_" "                               ; date opened  . . S XX=XX\_$E($P(DATA,"^")\_SPACE,1,12)\_" "                            ; receipt number  . . S XX=XX\_$E($P($P(DATA,"^",3)," ")\_SPACE,1,$S(RCLSTMGR:5,1:8))\_" "  ; payment type   . . S XX=XX\_$E($P(DATA,"^",4)\_SPACE,1,2) ; user initials  . . S XX=XX\_$J($P(DATA,"^",5),6) ; payment count  . . S XX=XX\_$J($P(DATA,"^",6),13,2)\_" "                                ; payment amount  . . S XX=XX\_$E($P(DATA,"^",7)\_SPACE,1) ; pre lockbox  . . S XX=XX\_$E($P(DATA,"^",8)\_SPACE,1,16)\_" "                          ; fms cr document  . . S XX=XX\_$E($P(DATA,"^",9),1,$S(RCLSTMGR:6,1:9)) ; fms cr doc status  . . ;  . . ; Write line or put it to global  . . I '$G(RCLSTMGR) D  ;  . . . W !,XX  . . E  D  ;  . . . S ^TMP($J,"RCDPRLIS",CNT)=XX  . . . S ^TMP($J,"RCDPRLIS","IDX",CNT)=$P(DATA,"^",10) ; Cross reference line# vs file 344 DA**  . . ;  . . ; set pre lockbox flag to 1 to show note at end of report  . . I $P(DATA,"^",7)="\*" S RCDPFPRE=1  . . ;  . . I '$G(RCLSTMGR),$Y>(IOSL-6) D:SCREEN PAUSE^RCRJRTR1 Q:$G(RCRJFLAG) D H  ;  **I $G(RCLSTMGR) Q  ; US 49 - Totals don't have a place in a protocol list with actions**  ;  I $G(RCRJFLAG) D CLEAN Q  I $G(RCDPFPRE) W !?54,"\*CR tied to deposit"  W !?33,"------ -----------"  W !?33,$J($P($G(TOTALS),"^"),6),$J($P($G(TOTALS),"^",2),13,2)  ;  ; show totals by type of payment  W !!,"TOTALS BY TYPE OF PAYMENT"  W !,"-------------------------"  S TYPE="" F  S TYPE=$O(TOTALS(TYPE)) Q:TYPE=""!($G(RCRJFLAG)) D  . W !,TYPE,?33,$J($P(TOTALS(TYPE),"^"),6),$J($P(TOTALS(TYPE),"^",2),13,2)  . I $Y>(IOSL-6) D:SCREEN PAUSE^RCRJRTR1 Q:$G(RCRJFLAG) D H  ;  **W !!,"\*\*\* END OF REPORT \*\*\*",!**  ;  I $G(RCRJFLAG) D CLEAN Q  I SCREEN U IO(0) R !,"Press RETURN to continue:",%:DTIME  ;  **I '$G(RCLSTMGR) D CLEAN**  Q **CLEAN ; Clean up ^TMP arrays  D ^%ZISC  K ^TMP($J,"RCDPRLIS")  Q  ; SORTSEL() ; Select sort order for report, by Date Opened, FMS Status or Payment Type  ; Input: None  ; Return: Sort Type D - Date, F - FMS Status, P - Payment Type  N DIR,X,Y,DUOUT,DTOUT,DIRUT,DIROUT,RCREP  W !  S DIR(0)="SOA^D:Date;F:FMS Status;T:Type of payment"  S DIR("A")="Sort By (D)ATE OPENED, (F)MS STATUS OR (T)YPE OF PAYMENT: "  S DIR("B")="D"  S DIR("?",1)="Select the order you wish the receipts to appear in on the report."  S DIR("?",2)=" "  S DIR("?",3)=" D - Sort by the date the receipt was opened"  S DIR("?",4)=" S - Sort by the FMS Status"  S DIR("?")=" T - Sort by the Payment Type"  D ^DIR  I $D(DTOUT)!$D(DUOUT)!(Y="") S RETURN=-1  E  S RETURN=Y  Q RETURN  ; SELFILTF(RETURN) ; Ask if user want to filter by FMS status. If yes get list of status.  ; Input: None  ; Output: RETURN, passed by reference  ; RETURN - 1=Filter by FMS Status, 0=Don't  ; RETURN(STATUS) - array of FMS Status to include in the report  ;   N RCODES,DIR,DIROUT,DIRUT,DTOUT,DUOUT,J,QUIT,X,Y  K RETURN  S RETURN=0  ;  W !  S DIR(0)="YA"  S DIR("A")="Filter by FMS Status? (Y/N): "  S DIR("B")="NO"  S DIR("?",1)="Enter 'Y' or 'Yes' to only show receipts with selected FMS Status"  S DIR("?",2)="Enter 'N' or 'No' if you wish to show receipts including all FMS Status"  S DIR("?")="If you select yes, you will be prompted for the FMS Status' you wish to include"  D ^DIR  I $D(DIRUT) S RETURN=-1 Q  I Y=0 Q  S RETURN=1  ;  ; Prompt for status' to be included. Multi-select  W !  S RCODES=$P(^DD(2100.1,3,0),"^",3)  K DIR  S DIR(0)="SOA^"\_RCODES  S DIR("A")="Select an FMS Status to include in the report: "  K DIR("?")  S DIR("?",1)="Select an FMS Status to show in the report."  S DIR("?",2)="You will be prompted multiple times, until you hit ENTER"  S DIR("?")="without making a selection."  S QUIT=0  F  D  I QUIT Q  . W !  . D ^DIR  . I $D(DTOUT)!$D(DUOUT) K RETURN S RETURN=-1,QUIT=1 Q  . I Y="" S QUIT=1 Q  . S RETURN(Y(0))=""  . ; Rebuid DIR(0) to only include codes not yet selected  . S DIR(0)=$$BLDS(RCODES,.RETURN)  . I $P(DIR(0),"^",2)="" S QUIT=1 ; All status selected so stop prompting.  I RETURN=-1 Q  ; If no FMS Status' were selected, don't filter by it.  I $O(RETURN(""))="" D  ;  . S RETURN=0  . W !!,"No FMS Status' were selected. All FMS Status' will be shown",!  Q  ; SELFILTT(RETURN) ; Ask if user want to filter by Payment Type. If yes get list of types.  ; Input: None  ; Output: RETURN, passed by reference  ; RETURN - 1=Filter by FMS Status, 0=Don't  ; RETURN(STATUS) - array of FMS Status to include in the report  ;   N DIR,DIROUT,DIRUT,DTOUT,DUOUT,RCODES,RCIEN,RCNAME,QUIT,X,Y  K RETURN  S RETURN=0  ;  W !  S DIR(0)="YA"  S DIR("A")="Filter by Payment Type? (Y/N): "  S DIR("B")="NO"  S DIR("?",1)="Enter 'Y' or 'Yes' to only show receipts with selected Payment Types"  S DIR("?",2)="Enter 'N' or 'No' if you wish to show receipts including all Payment Types"  S DIR("?")="If you select yes, you will be prompted for the Payment Types you wish to include"  D ^DIR  I $D(DIRUT) S RETURN=-1 Q  I Y=0 Q  S RETURN=1  ;  ; Prompt for types to be included. Multi-select  W !  K DIR  ; Present payment types as a set of codes to streamline user interface/selection/help  S (RCODES,RCNAME)=""  F  S RCNAME=$O(^RC(341.1,"B",RCNAME)) Q:RCNAME=""  D  ;  . S RCIEN=0 F  S RCIEN=$O(^RC(341.1,"B",RCNAME,RCIEN)) Q:'RCIEN  D  ;  . . I $$GET1^DIQ(341.1,RCIEN\_",",.06,"I")=1 D  ;  . . . S RCODES=RCODES\_RCIEN\_":"\_$$GET1^DIQ(341.1,RCIEN\_",",.01,"E")\_";"  S DIR(0)="SOA^"\_RCODES  S DIR("A")="Select a Payment Type to include in the report: "  K DIR("?")  S DIR("?",1)="Select an Payment Type to include in the report."  S DIR("?",2)="You will be prompted multiple times, until you hit ENTER"  S DIR("?")="without making a selection."  S QUIT=0  F  D  I QUIT Q  . W !  . D ^DIR  . I $D(DTOUT)!$D(DUOUT) K RETURN S RETURN=-1,QUIT=1 Q  . I Y="" S QUIT=1 Q  . S RETURN(Y(0))=""  . ; Rebuid DIR(0) to only include codes not yet selected  . S DIR(0)=$$BLDS(RCODES,.RETURN)  . I $P(DIR(0),"^",2)="" S QUIT=1 ; All status selected so stop prompting.  ;  I RETURN=-1 Q  ; If no payment types were selected, don't filter by it.  I $O(RETURN(""))="" D  ;  . S RETURN=0  . W !!,"No Payment Types were selected. Filter will not be used",!  Q  ; BLDS(CODES,PICKED) ; Build DIR(0) string taking into account codes already picked.  ; Input: CODES - Set of codes string in fileman format e.g. A:Apple;B:Ball;  ; PICKED - Array of values already picked, subscripted by external value e.g. PICKED("Apple")=""  ; Return: RETURN in DIR(0) format. Set of codes that only includes ones not picked.  ; e.g "SAO^B:Ball"  ;   N RETURN  S RETURN="SOA^"  F J=1:1:$L(CODES,";") D  ;  . S X=$P($P(CODES,";",J),":",2)  . I X'="",'$D(PICKED(X)) S RETURN=RETURN\_$P(CODES,";",J)\_";"  Q RETURN  ; HDR ; Compile header into ^TMP for use in ListMan or report  ; Input: None  ; Output: Header information in ^TMP($J,"RCDPRLIS","HDR",n) for us in report or ListMan formats  N K,XX  S ^TMP($J,"RCDPRLIS","HDR",1)="LIST OF RECEIPTS REPORT"  s XX=" DATE RANGE : "\_DATEDIS1\_" TO "\_DATEDIS2\_" "  S XX=XX\_"SORT ORDER: "\_$S(RCSORT="D":"DATE OPENED",RCSORT="F":"FMS STATUS",1:"PAYMENT TYPE")  S ^TMP($J,"RCDPRLIS","HDR",2)=XX  ;  I 'RCFILTF D  ;  . S XX="ALL"  E  D  ;  . S XX=""  . S K="" F  S K=$O(RCFILTF(K)) Q:K=""  S:XX'="" XX=XX\_"; " S XX=XX\_K  S ^TMP($J,"RCDPRLIS","HDR",3)=" FMS STATUS : "\_$S($L(XX)>63:"SELECTED",1:XX)  ;   I 'RCFILTT D  ;  . S XX="ALL"  E  D  ;  . S XX=""  . S K="" F  S K=$O(RCFILTT(K)) Q:K=""  S:XX'="" XX=XX\_"; " S XX=XX\_K  S ^TMP($J,"RCDPRLIS","HDR",4)=" PAYMENT TYPES: "\_$S($L(XX)>63:"SELECTED",1:XX)  S ^TMP($J,"RCDPRLIS","HDR",5)="DATE RECEIPT TYPE US COUNT AMOUNT FMS CR DOC STATUS"  W !,RCRJLINE  Q**  **; H ; header  N %  S %=NOW\_" PAGE "\_PAGE,PAGE=PAGE+1 I PAGE'=2!(SCREEN) W @IOF  W $C(13),^TMP($J,"RCDPRLIS","HDR",1),?(80-$L(%)),%  W !,^TMP($J,"RCDPRLIS","HDR",2)  W !,^TMP($J,"RCDPRLIS","HDR",3)  W !,^TMP($J,"RCDPRLIS","HDR",4)  W !,^TMP($J,"RCDPRLIS","HDR",5)  W !,RCRJLINE  Q** |

| Routines | Activities | | | |
| --- | --- | --- | --- | --- |
| **Routine Name** | RCDPRL | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDP LIST OF RECEIPTS REPORT | | | |

| Related Routines | Routines “Called By” | Routines “Called” |
| --- | --- | --- |
|  | RCDPRLIS | N/A |

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

| **Modified Logic (Changes are in bold)** |
| --- |
| **RCDPRL ; ; 24-MAY-2017  ;; ; EN ; -- main entry point for RCDP LIST OF RECIEPTS REPORT  D EN^VALM("RCDP LIST OF RECEIPTS REPORT")  Q  ; HDR ; -- header code  S VALMHDR(1)=^TMP($J,"RCDPRLIS","HDR",2)  S VALMHDR(2)=^TMP($J,"RCDPRLIS","HDR",3)  S VALMHDR(3)=^TMP($J,"RCDPRLIS","HDR",4)  Q  ; INIT ; -- init variables and list array  N K  S (K,VALMCNT)=0  F  S K=$O(^TMP($J,"RCDPRLIS",K)) Q:'K  D  ;  . S VALMCNT=VALMCNT+1  . D SET^VALM10(VALMCNT,^TMP($J,"RCDPRLIS",K),VALMCNT)  Q  ; RP ; EP - Launch receipt processing list template  ; Input: None  ; Output: None  ;  N RCRECTDA,RCK  D EN^VALM2($G(XQORNOD(0)),"S")  I '$D(VALMY) Q  ;  S RCK=0  F  S RCK=$O(VALMY(RCK)) Q:'RCK  D  ;  . S RCRECTDA=$G(^TMP($J,"RCDPRLIS","IDX",RCK))  . D EN^VALM("RCDP RECEIPT PROFILE")  . ; fast exit  . I $G(RCDPFXIT) S RCRECTDA=0   Q  ; HELP ; -- help code  S X="?" D DISP^XQORM1 W !!  Q  ; EXIT ; -- exit code  Q  ;** |

| List Manager Template | Activities | | | |
| --- | --- | --- | --- | --- |
| **Template Name** | RCDP LIST OF RECEIPTS REPORT | | | |
| **Enhancement Category** | New | Modify | Delete | No Change |
| **RTM** |  | | | |
| **Related Options** | RCDP LIST OF RECEIPTS REPORT | | | |

| **New Template Definition** |
| --- |
| NAME: RCDP LIST OF RECEIPTS REPORT TYPE OF LIST: PROTOCOL  RIGHT MARGIN: 80 TOP MARGIN: 6  BOTTOM MARGIN: 20 OK TO TRANSPORT?: NOT OK  USE CURSOR CONTROL: YES  PROTOCOL MENU: RCDP LIST OF RECEIPTS MENU  SCREEN TITLE: LIST OF RECEIPTS ALLOWABLE NUMBER OF ACTIONS: 1  AUTOMATIC DEFAULTS: YES HIDDEN ACTION MENU: VALM HIDDEN ACTIONS  ITEM NAME: DATE OPENED COLUMN: 7  WIDTH: 8 DISPLAY TEXT: DATE  ITEM NAME: RECEIPT COLUMN: 16  WIDTH: 12 DISPLAY TEXT: RECEIPT  ITEM NAME: TYPE COLUMN: 29  WIDTH: 5 DISPLAY TEXT: TYPE  ITEM NAME: USER INITIALS COLUMN: 35  WIDTH: 2 DISPLAY TEXT: US  ITEM NAME: COUNT COLUMN: 38  WIDTH: 5 DISPLAY TEXT: COUNT  ITEM NAME: AMOUNT COLUMN: 50  WIDTH: 6 DISPLAY TEXT: AMOUNT  ITEM NAME: FMS DOC COLUMN: 59  WIDTH: 10 DISPLAY TEXT: FMS CR DOC  Type <Enter> to continue or '^' to exit:  ITEM NAME: STATUS COLUMN: 75  WIDTH: 6 DISPLAY TEXT: STATUS  ITEM NAME: LINE COLUMN: 1  WIDTH: 4 DISPLAY TEXT: #  EXIT CODE: D EXIT^RCDPRL HEADER CODE: D HDR^RCDPRL  HELP CODE: D HELP^RCDPRL ENTRY CODE: D INIT^RCDPRL |

| Protocols | Activities | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Protocol Name** | RCDPE LIST OF RECEIPTS MENU | | | | | | | | | | |
| **Enhancement Category** | New | | Modify | | | | Delete | | No Change | | |
| **Associated Protocols** | **ITEM: RCDP LIST OF RECEIPTS PROCESS SEQUENCE: 100**  **ITEM: IBJ EXIT SEQUENCE: 900** | | | | | | | | | | |
| **Data Passing** | Input | Output | | | Both | | | Global Reference | | | Local Reference |
| **Item Text Description** | N/A | | | | | | | | | | |
| **Protocol Type** | Action | | | Menu | | Protocol | | | | Protocol Menu | |
| Limited Protocol | | | | | Extended Action | | | | Dialog | |
| Other | | | | | | | | | | |
| **Associated Routine** | RCDPRL | | | | | | | | | | |
| Current Entry Action Logic | | | | | | | | | | | |
| N/A | | | | | | | | | | | |
| Modified Entry Action Logic (Changes are in bold) | | | | | | | | | | | |
| **N/A** | | | | | | | | | | | |
| Current Exit Action Logic | | | | | | | | | | | |
| N/A | | | | | | | | | | | |
| Modified Exit Action Logic (Changes are in bold) | | | | | | | | | | | |
| N/A | | | | | | | | | | | |

| Protocols | Activities | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Protocol Name** | RCDP LIST OF RECEIPTS PROCESS | | | | | | | | | | |
| **Enhancement Category** | New | | Modify | | | | Delete | | No Change | | |
| **Associated Protocols** | RCDPE PAYER FLAGS MENU | | | | | | | | | | |
| **Data Passing** | Input | Output | | | Both | | | Global Reference | | | Local Reference |
| **Item Text Description** | N/A | | | | | | | | | | |
| **Protocol Type** | Action | | | Menu | | Protocol | | | | Protocol Menu | |
| Limited Protocol | | | | | Extended Action | | | | Dialog | |
| Other | | | | | | | | | | |
| **Associated Routine** | RCDPRL | | | | | | | | | | |
| Current Entry Action Logic | | | | | | | | | | | |
| **N/A** | | | | | | | | | | | |
| Modified Entry Action Logic (Changes are in bold)  D RP^RCDPRL | | | | | | | | | | | |
|  | | | | | | | | | | | |
| Current Exit Action Logic  N/A | | | | | | | | | | | |
|  | | | | | | | | | | | |
| Modified Exit Action Logic (Changes are in bold) | | | | | | | | | | | |
| N/A | | | | | | | | | | | |