User Story CPE005-066

Verify Associated Claims Complete for EDI

Unit Test Results

# Acceptance Criteria / Compliance:

1. The system will search for and verify all associated claims are complete for an Original PDI number entered for validation on the Document ID screen.

Check claim status ‘in process’

CHAMPVA CLAIMS List OCT 16, 2017@07:42 PAGE 1

CLAIM NUMBER CLAIM STATUS PDI NUMBER

--------------------------------------------------------------------------------

KMU5986 IN PROCESS 201503091039464

Are you entering <S>canned, <M>anual, CHAMPVA <E>DI, S<B>/CWVV EDI,

CHAMPVA <O>CR, SB/C<W>VV OCR, <RC>REOPEN CHAMPVA EDI,<RS>REOPEN SB EDI,

or <ER> REOPEN Manual EDI submissions? RC

Document Identification Screen

HAC Payment Processing - Document Identification Screen

[DOCUMENT IDENTIFICATION SCREEN]

Original PDI Number: 201503091039464

Current PDI Number: 201723197033726

Total Pages: UNK

Page Number: 1

Type of Image: BILL/INVOICE

Image Available: No

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Type of Bill (TOB): 137 Replacement of Prior Claim

Cannot ReOpen PDI.

1) Cont Edt 2) Next Scr 3) Sort PDI 4) Kill PDI 5) Not Aval 6) Unrd Img

7) PDI Revw 8) Pause 9) Comments 10) Btch Cmp 11) PPR 12) PPRs-PDI

CHMFADR2 ;JLR/DEN;UTILITY PROGRAM FOR DOC ID SCREEN;08/20/98 8:16 AM  
 ;;1.0;CHAMPVA SYSTEM;;JULY 4, 1990;Build 3  
 ;V2.0;CALLED FROM CHMF101A;;  
 ;;MODIFIED BY RLC ON 4/13/95 - ADDED OPTION 11) PPR  
 ;;MODIFIED BY RLC ON 4/28/95 - ADDED OPTION 12) PPRs-PDI  
 ;PT 15932 (Y2K)  
 ;JEH 1/8/10 TT 8813 vista application disappeared when inputting data  
 ;JEH 1/8/10 PCDUO 52308 FIX LOGIC ERROR  
 ;KEL 05/04/17 CPE005-007 Add Type of Bill to the EDI Re-open Document ID Screen.   
 ;CFS 08/16/2017 CPE005-004 Add validations and screen changes for CHAMPVA and SB EDI Reopen process.   
 ;HM 09/15/2017 CPE005-034 TOB FC 8 Original PDI Complete initiate reversal  
 ;CFS 10/01/2017 CPD005-069 Add Original and Current PDI Numbers to EDI Manual Re-open Doc ID Screen.  
 ;CFS 10/01/2017 CPE005-073, 074, 075, 076, 077, 079, 080 - Added validations for  
 ; Current and Origanal PDI Number prompts.  
CHKPAG K NP  
 S CHPDIPRL=$$PDITYP^CHMFAUT1(CHMFPDI)  
 Q:CHPDIPRL  
 Q:'$D(^CHMIMAGE(CHMFPDI,1,CHMFPGNM,2,CHMFIMAG))  
 D CLEARB S DX=1,DY=15 X XY S NP=1  
PAG1 X XY W \*7,"Page # ",CHMFPGNM," has already been processed. Do you want to kill the data for this"  
 W !,"page and re-enter it? NO// ",@CHEOL S DY=16,DX=29 X XY D CSBRS^CHSC2  
 S DX=1,DY=15 X XY G:$D(DQOUT) PAG1 I $D(DUOUT) D CLEARB Q  
 I $D(DFOUT) D CLEARB Q  
 S Y=$E(Y,1) S:Y="" Y="N" G:"NY"'[Y PAG1  
 I Y="Y" D OHI K NP,^CHMIMAGE(CHMFPDI,1,CHMFPGNM,2,CHMFIMAG) D OHI  
 Q  
OHI ;  
 ;I $G(CHMFPDI)'="" K ^CHMIMAGE(CHMFPDI,"ZOHI") ;SKD MC284 1-3-07, SKD 2-9-07 REM OUT  
 K OHI,OHIAMT  ;SKD 2-9-07  
 S:$G(DFN)="" DFN=$P($G(^CHMIMAGE(CHMFPDI,1,CHMFPGNM,2,CHMFIMAG,1,0)),U,1) Q:$G(DFN)=""  ;SKD MC284 2-9-07  
 S:$G(BFN)="" BFN=$P($G(^CHMIMAGE(CHMFPDI,1,CHMFPGNM,2,CHMFIMAG,1,0)),U,2) Q:$G(BFN)=""  ;SKD MC284 2-9-07  
 Q:'$G(OHITOS)!('$G(OHIDOS)) ;SKD MC284 2-9-07  
 I $G(CHMFPDI)'="" K ^CHMIMAGE(CHMFPDI,"ZOHI",DFN,BFN,OHITOS,OHIDOS) ;SKD MC284 2-9-07  
 Q  
REDRAW S DY=3,DX=1 X XY W @CHEOL  
 D CLEAR S CHTITLE="DOCUMENT IDENTIFICATION SCREEN",CHSCREEN=""  
 S CHSCREEN=$O(^CHMSCRN("B",CHTITLE,CHSCREEN))  
 D TITLE^CHMFA100,CHOICE^CHMFA100,ERRORS^CHMFA100 Q  
NEWPG D CLEAR,SCREEN Q  
NOPAUS S DX=20,DY=15 X XY  
 W \*7,@CHBON,?20,"CAN'T PAUSE WITHOUT A PDI ASSIGNED !!" Q  
NOCOMM S DX=20,DY=15 X XY  
 W \*7,@CHBON,?13,"You must have a PDI before comments can be entered." Q  
NOSCR S DX=19,DY=15 X XY  
 W \*7,@CHBON,"No Screen for this paticular data entry." Q  
NODATA S DX=18,DY=15 X XY  
 W \*7,@CHBON,"All data must be entered before continuing." Q  
NOSORT S DX=23,DY=15 X XY  
 W \*7,@CHBON,"Data must be entered before sorting." Q  
NOBTCH S DX=10,DY=15 X XY  
 W \*7,@CHBON,"If doing Manual process, a batch number must be entered before",!," using this option. If doing Image processing this option is not allowed."  
 Q  
CLEAR F DY=4:1:20 S DX=1 X XY W @CHEOL  
 Q  
CLEARB F DY=13:1:20 S DX=1 X XY W @CHEOL  
 Q  
FIN S F2=1 Q  
WTOPDI ;CPE005-004 and CPE005-069 Write Original PDI Number for EDI Re-open screens.   
 S DY=5,DX=41 X XY W:$D(CHMOPDI) CHMOPDI W @CHEOL  
 Q  
WTPDI S DY=6,DX=41 X XY W:$D(CHMFPDI) CHMFPDI W @CHEOL  
 I $P(^CHMDIC(741002.21,DUZ,0),"^",10)=0 I $D(CHMFPDI) I CHMFPDI'="" D  
 .;I $D(^CHMIMG(CHMFPDI,"DOC")) D  
 ..S CHMNNUM=$P(^CHMIMG(CHMFPDI,"DOC"),"^",10) S DX=55 X XY  
 ..W:CHMNNUM'="" @CHBON,"(Manual Number: ",CHMNNUM,")",@CHBOFF  
 Q  
WTNP S DY=7,DX=41 X XY W:$D(CHMFNMPG) CHMFNMPG W @CHEOL Q  
WTPG S:'$D(CHMFPGNM) CHMFPGNM=1 S:CHMFPGNM="" CHMFPGNM=1  
 S DY=8,DX=41 X XY W:$D(CHMFPGNM) CHMFPGNM W:$D(CHMFNMPG) " of ",CHMFNMPG W @CHEOL Q  
WTIM Q  
 S:'$D(CHMFIMAG) CHMFIMAG=1 S:CHMFIMAG="" CHMFIMAG=1  
 S DY=9,DX=41 X XY W:$D(CHMFIMAG) CHMFIMAG W @CHEOL Q  
WTTYPE S DY=9,DX=41 X XY I $D(CHMFTYPE),CHMFTYPE'="" S II=0,II=$O(^CHMDIC(741002.08,"B",CHMFTYPE,II)) W $E($P(^CHMDIC(741002.08,II,0),"^",1),1,25)  
 W @CHEOL Q  
QUES S HY=DY,HX=DX G @QU  
1 S DY=14,DX=1 X XY  
 I CHBTCHNO'=0 S X=$$INBTCH^CHMFABU3(CHBTCHNO,CHMFPDI,XY,CHEOL) I 'X S F1=0 Q  
 W !?4,"PDI must be 15 characters long and match the PDI in IMAGE window. The"  
 W !?4,"first 4 digits are Fiscal Year, next 3 are Julian Days, 01-365. The"  
 W !?4,"next 2 digits show the scanner number ('01' or '02'). The rest of the"  
 W !?4,"PDI is a sequential number. An example of a valid PDI is '9106502131313'."  
 G EXIT  
2 S DY=15,DX=22 X XY W "Enter the Number of Pages for this PDI." G EXIT  
3 S DY=15,DX=20 X XY W "Enter the page that is currently displayed." G EXIT  
4 S DY=15,DX=13 X XY W "Enter the image number that is currently displayed" G EXIT  
6 S DY=15,DX=20 X XY W "Enter Type of document or '?' to see a list" G EXIT  
7 D CLEARB S DY=15,DX=8 X XY W "Enter the 'Original PDI Number' based on the business rules." G EXIT  ;CPE005-004  
8 D CLEARB S DY=15,DX=8 X XY W "Enter the 'Original PDI Number' based on the business rules." G EXIT  ;CPE005-069  
9 D CLEARB S DY=15,DX=8 X XY W "Enter the 'Current PDI Number' based on the business rules." G EXIT  ;CPE005-069  
EXIT S DY=HY,DX=HX Q  
CHECK K F1 D CLEARB S LINE="CHK"\_QU G @LINE  
CHK1 D MANUAL  
 I '$D(CHMFPDI) S F1=1 Q  ;JEH 1/8/10 TT 8813  
 I $G(CHMFPDI)="" S F1=1 Q  ;JEH 1/8/10 PCDUO 52308  
 I '$D(CHHAND) S $P(^CHMIMG(CHMFPDI,0),"^",17)=2 S $P(^CHMIMAGE(CHMFPDI,0),"^",8)=2 S X=$$INBTCH^CHMFABU3(CHBTCHNO,CHMFPDI,XY,CHEOL) S:'X F1=0,CHMFPDI="",CHMNNUM="",$P(^CHMDIC(741002.21,DUZ,0),"^",5)="",$P(^CHMDIC(741002.21,DUZ,0),"^",2)="" Q  ; Null subscript on 8/1/05  
 K CHMNNUM S CHMFNMPG=""  
 I PDI I $D(^CHMIMG(PDI,0)) I $P(^(0),"^",6)>2 D ERR1 S F1=1 Q  
 I (Y'?13N)&(Y'?9N)&(Y'?15N) D QUES S F1=1 Q  
 I $D(^CHMIMPB("C",Y)) I $D(CHBTCHNO) I CHBTCHNO=0 D INBAT S F1=1 Q  
 I $D(^CHMIMG("READY",Y)) I $D(CHBTCHNO) I CHBTCHNO=0 D READY S F1=1 Q  
 ; Y2K changes - Commented out per Jim Richardson  
 ;D NOW^%DTC S YR1=$E(%,2,3),YR2=$E(Y,1,2) I YR2>YR1 D QUES S F1=1 Q  
 ;I YR1-1>YR2 D QUES S F1=1 Q  
 ;I +$E(Y,3,5)'<366 D QUES S F1=1 Q  
 ;I +$E(Y,3,5)'>0 D QUES S F1=1 Q  
 I CHBTCHNO'=0 S X=$$INBTCH^CHMFABU3(CHBTCHNO,CHMFPDI,XY,CHEOL)  
 I 'X I CHBTCHNO'=0 S F1=0 Q  
 S $P(^CHMIMG(CHMFPDI,0),"^",17)=3 ;SET SOME PIECE TO MANUAL MANUAL  
 S $P(^CHMIMAGE(CHMFPDI,0),"^",8)=3  
 S $P(^CHMDIC(741002.21,DUZ,0),"^",5)=CHMFPDI Q  
CHK2 Q:Y=""&(CHMFNMPG'="") I (Y'?1N.N) D QUES S F1=1 Q  
 S CHMFNMPG=Y Q  
CHK3 S:'$D(CHMFPGNM) CHMFPGNM="" Q:Y=""  
 I CHMFNMPG'="UNK" I (Y<1)!(Y'?.N) D QUES S F1=1 Q  
 S:'$D(CHMFPGCT) CHMFPGCT=0 S CHMFPGNM=Y,CHMFPGCT=CHMFPGCT+1 Q  
CHK4 S:'$D(CHMFIMAG) CHMFIMAG="" Q:Y=""  
 I (Y<1)!(Y>7)!(Y'?.N) D QUES S F1=1 Q  
 S CHMFIMAG=Y Q  
CHK6 S:'$D(CHMFTYPE) CHMFTYPE="" Q:Y=""  
 K CHOUT,CHERR S:$D(DQOUT) Y="" S CHPRT=Y  
 D LIST^DIC(741002.08,,".01",,,,CHPRT,,"I $P(^(0),U,3)'=0",,"CHOUT","CHERR")  
 I '$D(CHOUT("DILIST",0)) S DY=10,DX=41 X XY W @CHEOL S F1=1 Q  
 I $P(CHOUT("DILIST",0),"^",1)'>0 S DY=10,DX=41 X XY W @CHEOL S F1=1 Q  
 S DTM=13,DBM=20 X CHMAR S DY=13,DX=1 X XY D DISP Q  
CHK7  ;CPE005-004  
 ;Valdation for "Original" PDI Number for CHAMPVA and SB Re-open.  
 I Y="" S Y="XXXX"  
 S VALOPDI=$$CHKOPDI($G(CHMFPDI),Y,CHOSEN,1) I VALOPDI S F1=1  
 I Y="XXXX" S Y=""  
 Q:$G(F1)=1  
 S CHMOPDI=Y  
 S $P(^CHMDIC(741002.21,DUZ,0),"^",2)=CHMOPDI  
 Q  
 ;  
CHK8  ;CPE005-069  
 ;Valdation for "Original" PDI Number for Manual EDI Re-open.  
 S VALOPDI=$$CHKOPDI($G(CHMFPDI),Y,CHOSEN,1) I VALOPDI S F1=1 Q  
 S CHMOPDI=Y  
 S $P(^CHMDIC(741002.21,DUZ,0),"^",2)=CHMOPDI  
 Q  
 ;  
CHK9  ;CPE005-069  
 ;Valadation for "Current" PDI Number for Manual EDI Re-open.  
 I Y="" S Y="XXXX"  
 S VALOPDI=$$CHKOPDI(Y,$G(CHMOPDI),CHOSEN,1) I VALOPDI S F1=1  
 I Y="XXXX" S Y=""  
 Q:$G(F1)=1  
 S CHMFPDI=Y  
 I CHMFPDI'="" D  
 .S $P(^CHMIMG(CHMFPDI,0),"^",17)=4 S $P(^CHMIMAGE(CHMFPDI,0),"^",8)=4  
 .S $P(^CHMDIC(741002.21,DUZ,0),"^",5)=CHMFPDI  
 .S CHMFPP="SIP" D ^CHMFWK01  
 Q  
 ;  
DISP I $P(CHOUT("DILIST",0),"^",1)=1 D  Q  
 .S CHMFIMTY=CHOUT("DILIST",2,1),CHMFTYPE=CHOUT("DILIST",1,1)  
 S L1=0,CT=0  
DI1 S L1=$O(CHOUT("DILIST",1,L1)) I 'L1 D SELE1 Q  
 S CT=CT+1 W !,L1," ",CHOUT("DILIST",1,L1)  
 S X="" I '(CT#5) I $O(CHOUT("DILIST",1,L1)) D SELE  
 G:X="" DI1  
 S CHMFIMTY=CHOUT("DILIST",2,X)  
 S CHMFTYPE=CHOUT("DILIST",1,X) Q  
SELE S X="" W !!,"Select a number or <RETURN> for more: " R X  
 Q:X=""  G:'$D(CHOUT("DILIST",1,X)) SELE Q  
SELE1 S X="" W !!,"Select a number: " R X  
 Q:X=""  G:'$D(CHOUT("DILIST",1,X)) SELE1  
 S CHMFIMTY=CHOUT("DILIST",2,X)  
 S CHMFTYPE=CHOUT("DILIST",1,X) Q  
MANUAL I $P(^CHMDIC(741002.21,DUZ,0),"^",10)'=0 Q  
 K CHHAND I $D(CHMFPDI) I CHMFPDI'="" K ^CHMIMAGE("LOCK",CHMFPDI) D  
 .I $D(CHMNNUM) S ^CHMIMG("MANUAL",CHMFPDI)="" Q  
 S CHMFPDI=Y  
 S PDI=0,PDI=$O(^CHMIMG("E",Y,PDI)) I 'PDI S CHHAND=1 Q  
 I '$D(^CHMIMG("MANUAL",PDI)) S CHHAND=1 Q  
 S CHMNNUM=Y,Y=PDI,CHMFPDI=PDI,$P(^CHMDIC(741002.21,DUZ,0),"^",5)=CHMFPDI  
 S CHMFNMPG=$P(^CHMIMG(PDI,0),"^",2) K ^CHMIMG("MANUAL",PDI)  
 Q:$ZF(-1,"DISPLAY\_DEVICE")'["LAT"  ;D A1^CHMFPDI Q:$D(CHQUIT)  
 S ZZPDI=CHMFPDI,CHMFPP="SIP" D ^CHMFWK01 Q  
SCREEN I $P(^CHMDIC(741002.21,DUZ,0),"^",10)=0 S DY=5,DX=27 X XY W "Batch Number: " W:$D(CHBTCHNO) CHBTCHNO  
 ;BEGIN CPE005-004  
 N CHOSEN,PDIFNL,NPDI,REVRESP,OPDI  
 S CHOSEN=$P($G(^CHMDIC(741002.21,DUZ,0)),"^",10)  
 I CHOSEN=6!(CHOSEN=7)!(CHOSEN=8) D  ;CPE005-069 add CHOSEN=8 check.  
 .I $G(CHMOPDI)="",CHOSEN'=8 S QU=7 N Y S Y="" D CHECK  
 .S DY=5,DX=20 X XY W "Original PDI Number: " W:$D(CHMOPDI) CHMOPDI  
 .S DY=6,DX=21 X XY W "Current PDI Number: " W:$D(CHMFPDI) CHMFPDI  
 I CHOSEN'=6,CHOSEN'=7,CHOSEN'=8 S DY=6,DX=29 X XY W "PDI Number: " W:$D(CHMFPDI) CHMFPDI  ;CPE005-069 add CHOSEN'=8.  
 ;END CPE005-004  
 I $P(^CHMDIC(741002.21,DUZ,0),"^",10)=1 I $D(CHDOCID) W:CHDOCID'="" "-",CHDOCID  
 ;S CHPDIPRL=$$PDITYP^CHMFAUT1(CHMFPDI)  
 ;D:CHPDIPRL TLPGCNT  
 S DY=7,DX=28 X XY W "Total Pages: " W:$D(CHMFNMPG) CHMFNMPG  
 S DY=8,DX=28 X XY W "Page Number: " W:$D(CHMFPGNM) CHMFPGNM  
 ;S DY=9,DX=27 X XY W "Image Number: " W:$D(CHMFIMAG) CHMFIMAG  
 S DY=9,DX=26 X XY W "Type of Image: " W:$D(CHMFTYPE) $E(CHMFTYPE,1,21)  
 S DY=10,DX=24 X XY W "Image Available: " D IMAGE  
 S DY=11,DX=1 X XY S LN="" S $P(LN,"\_",80)="" W LN  
 I CHOSEN=6!(CHOSEN=7) D  ;CPE005-007  
 . S DY=12,DX=21 X XY W "Type of Bill (TOB): " W $$TOB(CHMFPDI,CHMFPGNM,CHMFIMAG) ; KML - 5/4/17  
REV ;  
 I $G(CHMFPCNM)&($G(CHMFIMAG)) D  
 .I $E(+$$TOB(CHMFPDI,CHMFPGNM,CHMFIMAG),3)=8 D  ;HM 09/15/2017 CPE005-034  
 .. S DY=14,DX=21 X XY W "Do you want to initiate a Reversal? Y/N " ;HM 09/15/2017 CPE005-034  
 .. R REVRESP:$S($D(DTIME):DTIME,1:60) ;HM 09/15/2017 CPE005-034  
 .. S:'$T DTOUT="" S:REVRESP="^^" (DFOUT)="" S:REVRESP="^" (DUOUT)="" ;HM 09/15/2017 CPE005-034  
 .. I REVRESP="Y"!(REVRESP="N") D  ;HM 09/15/2017 CPE005-034  
 ... S NPDI=CHMFPDI  
 ... S OPDI=CHMOPDI  
 ... I REVRESP="Y" D  
 .... S DIE=741000.2,DA=CHMOPDI,DR=".06///11;.22///"\_DT D ^DIE K DIE ;BDB 09/19/2017  
 .... S DIE=741000.2,DA=CHMFPDI,DR=".05///"\_DT\_";.06///4" D ^DIE K DIE ;BDB 09/19/2017  
 .... NEW CHMFPDI,ADDQ  
 .... S CHMFPDI=CHMOPDI  
 .... D SORT^CHFCDUTL  
 .... D QUE1^CHFCDUTL ;queue the bene check and bene calc  
 .... S ADDQ=$$ADD2QUE^CH835TRG(OPDI) ;HM 09/20/2017 CPE005-041  
 ... I REVRESP="N" S PDIFNL=$$PDIFINAL^CHCSTAT(NPDI,"F0:35"),DIE=741000.2,DA=NPDI,DR=".06///4" D ^DIE K DIE ;HM 09/20/2017 CPE005-041  
 .. E  G REV  
 Q  
 ;   
NOOHI S DY=18,DX=10 X XY  
 W "No Bill Invoice has been enterd to allow entry of OHI Payments."  
 Q  
 ;  
ERR1 S DY=15,DX=5 X XY W \*7,\*7,@CHBON,"This PDI has already been processed!"  
 W " Cannot be modified at this point!",@CHBOFF  
 Q  
 ;  
ERR3 D CLEARB S DY=15,DX=8 X XY  
 W "PDI: ",Y," - has not been Scanned or Manually entered!"  
 W !,?28,"Please verify this PDI number and re-enter." Q   
INBAT D CLEARB S DY=15,DX=13 X XY  
 W "This PDI is not a Manual PDI. Please Re-enter."  
 Q  
 ;  
READY D CLEARB S DY=15,DX=14 X XY  
 W "This PDI is Image processing only. Please Re-enter."  
 Q  
 ;  
PDI15 D CLEARB S DY=15,DX=20 X XY W \*7,@CHBON  
 W "PDI Number must be 15 digits.",@CHBOFF  
 Q  
 ;  
JUL2000 D CLEARB S DY=15,DX=14 X XY W \*7,@CHBON  ;Validation message for Julian Year less than 2000.  
 W "Julian Year must be year 2000 or later.",@CHBOFF  
 Q  
 ;  
JULFUTR D CLEARB S DY=15,DX=14 X XY W \*7,@CHBON  ;Validation message for Julian Year greater than Current Year.  
 W "Julian Year cannot be in the future.",@CHBOFF  
 Q  
JULDAY D CLEARB S DY=15,DX=14 X XY W \*7,@CHBON  ;Validation message for Julian Day.  
 W "Julian Day must be 001 through 366.",@CHBOFF  
 Q  
 ;  
CHPIMSG D CLEARB S DY=15,DX=14 X XY W \*7,@CHBON  ;Validation message for CHAMPVA Program Indicator.  
 W "PDI Program Indicator must be 91, 97(CHAMPVA EDI).",@CHBOFF  
 Q  
SBPIMSG D CLEARB S DY=15,DX=14 X XY W \*7,@CHBON  ;Validation message for Spina Bifida Program Indicator.  
 W "PDI Program Indicator must be 92, 90(SB EDI).",@CHBOFF  
 Q  
 ;  
CHKOPDI(CHMFPDI,CHMOPDI,CHOSEN,WRTMSG) ;CPE005-004   
 ;Validations for Original and Current EDI Re-open PDI Numbers.  
 ;User Stories CPE005-073, 074, 075, 076, 077 and 080 added to validations.  
 ;CHMFPDI = Current PDI Number  
 ;CHMOPDI = Original PDI Number  
 ;CHOSEN = The menu option the user chose from routine driver CHMFADRV.  
 ;WRTMSG = 0 or 1 - 0 does not display message to the screen; 1 does.  
 I $G(CHOSEN)'=6,$G(CHOSEN)'=7,$G(CHOSEN)'=8 Q 0 ;Validations for EDI Re-open only; Menu options "RC", "RS" and "ER".  
 N ALLCOMP,BENE,CURDT,CURYR,DY,DX,ERR,IEN,JDAY,STATUS  
 S CHMFPDI=$G(CHMFPDI),CHMOPDI=$G(CHMOPDI),CHOSEN=$G(CHOSEN),WRTMSG=$G(WRTMSG)  
 S (BENE,ERR)=0  
 I CHOSEN=8,CHMOPDI="" Q 0 ;Allow user to advance to bottom menu at the Original PDI number prompt.  
 I CHOSEN'=8,CHMOPDI'?15N D  Q ERR ;CPE005-004 and 080  
 .I WRTMSG D PDI15  
 .S ERR=1  
 I CHOSEN=8,CHMOPDI'="",CHMOPDI'?15N D  Q ERR  ;CPE005-080  
 .I WRTMSG D PDI15  
 .S ERR=1  
 I CHOSEN=8,CHMFPDI'="",CHMFPDI'?15N D  Q ERR  ;CPE005-080  
 .I WRTMSG D PDI15  
 .S ERR=1  
 I $E(CHMOPDI,1,4)<2000 D  Q ERR  ;CPE005-004 and 078  
 .I WRTMSG D JUL2000  
 .S ERR=1  
 I CHOSEN=8,CHMFPDI'="",$E(CHMFPDI,1,4)<2000 D  Q ERR  ;CPE005-080  
 .I WRTMSG D JUL2000  
 .S ERR=1  
 S CURDT=$$HTE^XLFDT($H,7),CURYR=$E(CURDT,1,4)  
 I $E(CHMOPDI,1,4)>CURYR D  Q ERR  ;CPE005-004 and 073  
 .I WRTMSG D JULFUTR  
 .S ERR=1  
 I CHOSEN=8,CHMFPDI'="",$E(CHMFPDI,1,4)>CURYR D  Q ERR  ;CPE005-073  
 .I WRTMSG D JULFUTR  
 .S ERR=1  
 N X,CHJUL  
 D NOW^%DTC S:'$D(X) X=DT  
 S X=$E(DT,1,3)\_"0000" D H^%DTC S CHJUL=($P($H,",",1)-%H)+1  
 ;S JDAY=$E(CHMOPDI,5,7)  
 I $E(CHMOPDI,5,7)<"001"!($E(CHMOPDI,5,7)>"366") D  Q ERR  ;CPE005-004 and 074  
 .I WRTMSG D JULDAY  
 .S ERR=1  
 I CHOSEN=8,CHMFPDI'="" D  I ERR Q 1 ;CPE005-074  
 .I $E(CHMFPDI,5,7)<"001"!($E(CHMFPDI,5,7)>"366") D   
 ..I WRTMSG D JULDAY  
 ..S ERR=1  
 I CHOSEN=8,CHMOPDI'="",CHMFPDI'="",$E(CHMOPDI,8,9)=91,$E(CHMFPDI,8,9)'=97 D  Q ERR  ;CPE005-075  
 .I WRTMSG D CHPIMSG  
 .S ERR=1  
 I CHOSEN=8,CHMOPDI'="",CHMFPDI'="",$E(CHMOPDI,8,9)=92,$E(CHMFPDI,8,9)'=90 D  Q ERR  ;CPE005-075  
 .I WRTMSG D SBPIMSG  
 .S ERR=1  
 I CHOSEN=6,CHMOPDI'="",$E(CHMOPDI,8,9)'=91 D  Q ERR  ;CPE005-004  
 .I WRTMSG D CHPIMSG  
 .S ERR=1  
 I CHOSEN=7,CHMOPDI'="",$E(CHMOPDI,8,9)'=92 D  Q ERR  ;CPE005-004  
 .I WRTMSG D SBPIMSG  
 .S ERR=1  
 I CHOSEN=8,CHMOPDI'="",$E(CHMOPDI,8,9)'=91,$E(CHMOPDI,8,9)'=92 D  Q ERR  
 .I WRTMSG D  
 ..D CLEARB  
 ..S DY=15,DX=1 X XY W \*7,@CHBON,"Original PDI Program Indicator must be a 91 for CHAMPVA or 92 for Spina Bifida.",@CHBOFF  
 .S ERR=1  
 I CHMOPDI'="",$P($G(^CHMIMG(CHMOPDI,"E-REOPEN")),"^",3)=1 D  Q ERR  ;CPE005-004 and 077  
 .I WRTMSG D   
 ..D CLEARB  
 ..S DY=15,DX=14 X XY W \*7,@CHBON,"PDI Number has already been reopened.",@CHBOFF  
 .S ERR=1  
 I CHMOPDI'="" D  I ERR Q 1 ;CPE005-079  
 .S ALLCOMP=$$CMPCLAIM(CHMOPDI)  
 .I 'ALLCOMP D  ;All claims have been completed. Do not allow furthur processing on Original PDI.  
 ..I WRTMSG D   
 ...D CLEARB  
 ...S DY=15,DX=30 X XY W \*7,@CHBON,"Cannot ReOpen PDI.",@CHBOFF  
 ..S ERR=1  
 I CHOSEN=8 Q 0  
 S BENE=$$CHKBENE(CHMOPDI,CHMFPDI) I 'BENE D  Q ERR  
 . I WRTMSG D  
 .. D CLEARB  
 .. S DY=15,DX=14 X XY W \*7,@CHBON,"Beneficiary does not match - enter the Original PDI Number.",@CHBOFF  
 . S ERR=1  
 Q ERR  
 ;  
CMPCLAIM(PDI) ;Check to see if all associated claims for PDI have been completed.  
              ;If any of the claims have not been completed, then a false value is returned.  
 ;PDI = PDI Number  
 S PDI=$G(PDI)  
 S COMPLETE=1 ;  
 I '$D(^CHMPAY("C",PDI)) Q 0 ;No claims to check so nothing has been completed.  
 S IEN=0 F  S IEN=$O(^CHMPAY("C",PDI,IEN)) Q:'IEN!('COMPLETE) D  
 .S STATUS=$P(^CHMPAY(IEN,0),"^",2)  
 .I STATUS=1!(STATUS=3)!(STATUS=6)!(STATUS=7)!(STATUS=8)!(STATUS=9) S COMPLETE=0  
 Q COMPLETE  
 ;  
CHKBENE(CHMOPDI,CHMFPDI) ;Check beneficiary for validation purposes  
 ;CHMOPDI = Original PDI Number  
 ;CHMFPDI = Current PDI Number  
 N BFN,CURRBEN,D1,D2,DATA0,DATA10,IEN,ORIGBEN,SPONNUM  
 S CHMOPDI=$G(CHMOPDI),CHMFPDI=$G(CHMFPDI)  
 S (ORIGBEN,CURRBEN,IEN)=""  
 I $D(^CHMPAY("C",CHMOPDI)) D  
 .S IEN=$O(^CHMPAY("C",CHMOPDI,""))  
 .S DATA0=^CHMPAY(IEN,0)  
 .S SPONNUM=$P(DATA0,"^",21)  
 .S BFN=$P(DATA0,"^",22)  
 .S ORIGBEN=SPONNUM\_"/"\_BFN  
 I ORIGBEN="" D  
 .S D1="" F  S D1=$O(^CHMIMAGE(CHMOPDI,1,D1)) Q:D1=""  D  
 ..S D2="" F  S D2=$O(^CHMIMAGE(CHMOPDI,1,D1,2,D2)) Q:D2=""  D  
 ...I $D(^CHMIMAGE(CHMOPDI,1,D1,2,D2,10)) D  
 ....S DATA10=^CHMIMAGE(CHMOPDI,1,D1,2,D2,10)  
 ....S SPONNUM=$P(DATA10,"^"),BFN=$P(DATA10,"^",2)  
 ....S ORIGBEN=SPONNUM\_"/"\_BFN  
 S D1="" F  S D1=$O(^CHMIMAGE(CHMFPDI,1,D1)) Q:D1=""  D  
 .S D2="" F  S D2=$O(^CHMIMAGE(CHMFPDI,1,D1,2,D2)) Q:D2=""  D  
 ..I $D(^CHMIMAGE(CHMFPDI,1,D1,2,D2,10)) D  
 ...S DATA10=^CHMIMAGE(CHMFPDI,1,D1,2,D2,10)  
 ...S SPONNUM=$P(DATA10,"^"),BFN=$P(DATA10,"^",2)  
 ...S CURRBEN=SPONNUM\_"/"\_BFN  
 I ORIGBEN=CURRBEN Q 1  
 Q 0  
LOCK S DY=15,DX=1 X XY W !," PDI: ",CHMFPDI," is Currently Being Processed"  
 W !," By Another User, Please Enter a Different PDI."  
 S CHMFPDI="",CHMFNMPG="" Q  
IMAGE S VAL="No"  
 S:'$D(CHMFPDI) CHMFPDI=""  
 I CHMFPDI I $D(^CHMIMG(CHMFPDI,"DOC")) D  
 .S:$P(^CHMIMG(CHMFPDI,"DOC"),"^",3)'="" VAL="Yes"  
 S DY=10,DX=41 X XY W VAL  
 Q  
 ;  
TOB(CHMFPDI,CHMFPGNM,CHMFIMAG) ;CPE005-004  
 ; retrieve Type of Bill and Frequency Code  
 ; input -   
 ; CHMFPDI - PDI ien  
 ; CHMFPGNM - page number ien  
 ; CHMFIMAG - IMAGE ien  
 ; output -  
 ; returns the Type of Bill and Frequency code   
 N CHMFTOB  
 I '$D(CHMFPDI)!('$D(CHMFPGNM))!('$D(CHMFIMAG)) Q "Frequency Code not defined"  
 I '$D(^CHMIMAGE(+CHMFPDI,1,+CHMFPGNM,2,+CHMFIMAG,"VEN")) Q "Frequency Code not defined"  
 S CHMFTOB=$P($G(^CHMIMAGE(CHMFPDI,1,CHMFPGNM,2,CHMFIMAG,"VEN")),"^",7)  
 I $E(CHMFTOB,3)=5 Q CHMFTOB\_" Late Charge Only"  
 I $E(CHMFTOB,3)=6 Q CHMFTOB\_" Adjustment of Prior Claim"  
 I $E(CHMFTOB,3)=7 Q CHMFTOB\_" Replacement of Prior Claim"  
 I $E(CHMFTOB,3)=8 Q CHMFTOB\_" Void / Cancel of Prior Claim"  
 Q $S(CHMFTOB="":"Frequency Code not defined",1:CHMFTOB\_" Frequency Code not defined")  
 ;   
PGCNT Q:'$D(^CHMIMAGE(CHMFPDI,0))  
 S CHMFNMPG=$P(^CHMIMAGE(CHMFPDI,0),"^",2)  
 Q  
 ;   
TLPGCNT Q:'$D(^CHMIMAGE(CHMFPDI,1))  
 S TLPGCT=9999999,TLPGCT=$O(^CHMIMAGE(CHMFPDI,1,TLPGCT),-1)  
 S:TLPGCT="" TLPGCT=1 S CHMFNMPG=TLPGCT K TLPGCT Q  
 ;