**MCCF EDI TAS EINSURANCE US829**

System Design Document

IB\*2.0\*602



Department of Veterans Affairs

**March 2019**

Version 1.2

**User Story ID:** US829

**User Story Name:** Expire Group Plan

|  |  |
| --- | --- |
| **Epic Taxonomy** | eBiz Compliance  Port  Update  Increase No Touch  TAS Apps |

# Story:

|  |  |  |
| --- | --- | --- |
| **As the...** | **I need...** | **So that...** |
| eInsurance Team member | to be able to apply an expiration date for **all** Subscriber policies to an entire Group Plan | I can terminate a Group Plan without the requirement to first move the Subscribers to a new plan. |

# Design:

* **Add a new option to the “Patient Insurance Menu”**
* ITEM: **IBCN EXPIRE GROUP SUBSCRIBERS** SYNONYM: **<TBD by eIns team>**
* NAME: **IBCN EXPIRE GROUP SUBSCRIBERS**

MENU TEXT: **Expire group plan**

TYPE: run routine CREATOR: **(person)**

PACKAGE: **INTEGRATED BILLING**

DESCRIPTION: **This option allows you to expire all subscriber policies associated with a group plan without requiring them to be moved to a new plan.**

ROUTINE: **EXPGRP^IBCNSUR**

UPPERCASE MENU TEXT: **EXPIRE GROUP PLAN**

* **Edit existing routine IBCNSUR:**

| Routines | Activities | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | **IBCNSUR** | | | | | | |
| **Enhancement Category** | New | Modify | Delete | | No Change | | |
| **RTM** |  | | | | | | |
| **Related Options** | **IBCN EXPIRE GROUP SUBSCRIBERS** | | | | | | |
| Related Routines | Routines “Called By” | | | Routines “Called” | | | |
|  | IBCNEKI2 | | | ^DIR  ^DIK  ^%ZTLOAD  $$GET1^DIQ  $$MGRP^IBCNEUT5  MSG^IBCNEUT5  $$SITE^VASITE  $$FMADD^XLFDT  $$FMTE^XLFDT | | | |
| Routines | Activities | | | | | | |
| **Data Dictionary (DD) References** | ^IBCN(365  ^IBCN(365.1 | | | | | | |
| **Related Protocols** |  | | | | | | |
| **Related Integration Control Registrations (ICRs)** |  | | | | | | |
| **Data Passing** | Input | Output Reference | | Both | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | |
| Current Logic | | | | | | | |
| IBCNSUR ;ALB/CPM/CMS - MOVE SUBSCRIBERS TO DIFFERENT PLAN ;09-SEP-96  ;;2.0;INTEGRATED BILLING;\*\*103,276,506,516,549\*\*;21-MAR-94;Build 7  ;;Per VA Directive 6402, this routine should not be modified.  Q  ;  ; | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | |
| IBCNSUR ;ALB/CPM/CMS - MOVE SUBSCRIBERS TO DIFFERENT PLAN ;09-SEP-96  ;;2.0;INTEGRATED BILLING;\*\*103,276,506,516,549**,602**\*\*;21-MAR-94;Build 7  ;;Per VA Directive 6402, this routine should not be modified.  Q  ; | | | | | | | |
| Current Logic | | | | | | | |
| ; | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | |
| EXPGRP ; EP for [IBCN EXPIRE GROUP SUBSCRIBERS]  ; IB\*2.0\*602/DM implement expire group plan   N X,Y,DIC,DIR,DTA,ERR,REF,IBLN,XMDUZ,XMTEXT,XMSUB,XMY  N IBQUIT,IBCNS,IBPLAN,IBSUB,IBEXP,DFN,IBIPOL,IBIENWK  N IBINSNM,IBGRPNM,IBGRPNO,IBEXPOK,IBEXPERR,IBSUPRES,IBCBI  ;  W !!,?5,"EXPIRE ALL SUBSCRIBERS WITHIN A GROUP PLAN"  W !,?5,"You can use this option to specify an expiration date for all subscriber"  W !,?5,"policies in a group plan without moving the subscribers to another group"  W !,?5,"plan. If the group plan status is currently ""active"", you can also choose"  W !,?5,"to ""inactivate"" the group plan."  W !!,$TR($J("",75)," ","-")  S IBQUIT=1  ; NXTGRP ; EP for next expire group process  K ^TMP($J,"IBCNSUR") ; subscribers  K ^TMP($J,"IBCNSURBLL") ; bulletin   I 'IBQUIT D  . W !!,"=========================================="  . W !,"EXPIRE ALL SUBSCRIBERS WITHIN A GROUP PLAN"  . W !,"==========================================",!  ; get insco and plan  S IBQUIT=0  D SEL^IBCNSUR(0) I IBQUIT Q  ;  ; Make sure plan has at least one subscriber  I '$$SUBS^IBCNSJ(IBCNS,IBPLAN,0,,1) W !!,?5,\*7,"\* This group plan has no subscribers!",! G NXTGRP  ;  S IBINSNM=$$GET1^DIQ(36,IBCNS\_",","NAME")  S IBGRPNM=$$GET1^DIQ(355.3,IBPLAN\_",","GROUP NAME")  S IBGRPNO=$$GET1^DIQ(355.3,IBPLAN\_",","GROUP NUMBER")  ;  W !!,"Collecting Subscribers ..."  S IBSUB=$$SUBS^IBCNSJ(IBCNS,IBPLAN,0,"^TMP($J,""IBCNSUR"")")  W !!,"This group plan has "\_+IBSUB\_" subscribers. All subscribers will be expired.",!  S DIR(0)="Y"  S DIR("A")="Do you want to expire all subscribers' policies for this plan"  S DIR("?",1)="You will be asked for an expiration date to terminate the attached policies."  S DIR("?",2)="You will have an opportunity to stop if desired."  S DIR("?")="Enter 'Yes' to continue, or 'No' to stop the process now."  D ^DIR K DIR  I 'Y!$D(DIRUT) G NXTGRP  ;  W !  ; get the expiration date  S DIR(0)="D",DIR("A")="Enter expiration date (applies to all subscribers in this plan)"  S DIR("?")="Each active policy will be expired with the expiration date entered."  D ^DIR K DIR  I 'Y!$D(DIRUT) G NXTGRP  S IBEXP=Y  ;  W !!,"You selected to expire "\_+IBSUB\_" subscriber(s) with Expiration Date "\_$$FMTE^XLFDT(IBEXP)\_" for:"  W !,?5,"Insurance Company "\_IBINSNM  W !,?5,"Plan Name "\_IBGRPNM\_" Number "\_IBGRPNO  W !!,"Please Note that the policy will be EXPIRED in the patient profile!!",!  ;   S DIR(0)="Y",DIR("A")="Okay to continue"  S DIR("?",1)="If you wish to expire the policies for these subscribers, enter 'Yes'."  S DIR("?")="Otherwise, enter 'No' to exit."  D ^DIR K DIR  I 'Y!$D(DIRUT) G NXTGRP  ;  ; expire the plan subscribers  ; as we process the policies, we'll set the ^TMP nodes to 'O'k or 'E'rror  W !!,"Expiring Policies...",!  S IBSUPRES=1 ; tell COVERED^IBCNSM31 to be quiet  S (IBEXPOK,IBEXPERR)=0  S DFN=0 F  S DFN=$O(^TMP($J,"IBCNSUR",DFN)) Q:'DFN  D  . S IBIPOL=0 F  S IBIPOL=$O(^TMP($J,"IBCNSUR",DFN,IBIPOL)) Q:IBIPOL=""  D  .. S IBIENWK=IBIPOL\_","\_DFN\_","  .. Q:$$GET1^DIQ(2.312,IBIENWK,"GROUP PLAN","I")'=IBPLAN  .. Q:+$$GET1^DIQ(2.312,IBIENWK,"INSURANCE EXPIRATION","I")  .. I $$GET1^DIQ(2.312,IBIENWK,"EFFECTIVE DATE OF POLICY","I")>IBEXP S ^TMP($J,"IBCNSUR",DFN,IBIPOL)="E",IBEXPERR=IBEXPERR+1 Q  .. S IBCBI=$$GET1^DIQ(2,DFN\_",","COVERED BY HEALTH INSURANCE?","I")  .. K DTA,ERR  .. S DTA(2.312,IBIENWK,3)=IBEXP ; set the expiration date  .. S DTA(2.312,IBIENWK,1.05)=$$NOW^XLFDT() ; last edited  .. S DTA(2.312,IBIENWK,1.06)=DUZ ; by  .. D FILE^DIE("","DTA","ERR")  .. I $D(ERR) S ^TMP($J,"IBCNSUR",DFN,IBIPOL)="E",IBEXPERR=IBEXPERR+1 Q  .. S ^TMP($J,"IBCNSUR",DFN,IBIPOL)="O",IBEXPOK=IBEXPOK+1  .. D COVERED^IBCNSM31(DFN,IBCBI) ; set covered by insurance   ;  W !,"Done. "\_IBEXPOK\_" Subscribers' policies were expired as of "\_$$FMTE^XLFDT(IBEXP)\_"."  W !,"A Bulletin was sent to you and members of 'IB NEW INSURANCE' Mail Group."  ;  ; prepare the bulletin  S IBLN=0,REF=$NA(^TMP($J,"IBCNSURBLL"))  D ADD^IBCNSUR3(1,"EXPIRE ALL SUBSCRIBERS WITHIN A GROUP PLAN")  D ADD^IBCNSUR3()  D ADD^IBCNSUR3(1,"You selected to expire ",IBSUB," subscriber(s)")  D ADD^IBCNSUR3()  D ADD^IBCNSUR3(1,"FROM Insurance Company ",IBINSNM)  D ADD^IBCNSUR3(1,"Plan Name ",IBGRPNM," Number ",IBGRPNO)  D ADD^IBCNSUR3()  D ADD^IBCNSUR3(1,"Policies will be expired as of ",$$FMTE^XLFDT(IBEXP),".")  D ADD^IBCNSUR3()  ;  I IBEXPERR D  . D ADD^IBCNSUR3(1,"\* These ",IBEXPERR," entries could not be processed, they'll need to be adjusted manually")  . W !!,@REF@(IBLN)  . D ADD^IBCNSUR3(1,"-------------------------------------------------------------------------------")  . W !,@REF@(IBLN)  . D ADD^IBCNSUR3(1,"Patient Name/ID Whose Employer Effective Expires")  . W !,@REF@(IBLN),!  . S DFN=0 F  S DFN=$O(^TMP($J,"IBCNSUR",DFN)) Q:'DFN  D  .. S IBIPOL=0 F  S IBIPOL=$O(^TMP($J,"IBCNSUR",DFN,IBIPOL)) Q:IBIPOL=""  D  ... I ^TMP($J,"IBCNSUR",DFN,IBIPOL)'="E" Q  ... D ADS^IBCNSUR3(DFN,IBIPOL)  ... W !,@REF@(IBLN)  . D ADD^IBCNSUR3(1,"============================")  . D ADD^IBCNSUR3()  . W !!,"Examine the entries that that could not be processed."  ;  I IBEXPOK D  . D ADD^IBCNSUR3(1,"These ",IBEXPOK," policies were processed successfully")  . D ADD^IBCNSUR3(1,"-------------------------------------------------------------------------------")  . D ADD^IBCNSUR3(1,"Patient Name/ID Whose Employer Effective Expires")  . S DFN=0 F  S DFN=$O(^TMP($J,"IBCNSUR",DFN)) Q:'DFN  D  .. S IBIPOL=0 F  S IBIPOL=$O(^TMP($J,"IBCNSUR",DFN,IBIPOL)) Q:IBIPOL=""  D  ... I ^TMP($J,"IBCNSUR",DFN,IBIPOL)'="O" Q  ... D ADS^IBCNSUR3(DFN,IBIPOL)  . D ADD^IBCNSUR3(1,"============================")  . D ADD^IBCNSUR3()  ;  I 'IBEXPOK,'IBEXPERR D  . D ADD^IBCNSUR3(1,"============================")  . D ADD^IBCNSUR3(1,"After processing, no changes were needed, no policies were expired.")  . W !!,@REF@(IBLN)  . D ADD^IBCNSUR3(1,"============================")  . D ADD^IBCNSUR3()  ;  W !  S DIR(0)="EA",DIR("A")="Press RETURN to continue." D ^DIR K DIR  ;  I +$$GET1^DIQ(355.3,IBPLAN\_",","INACTIVE","I") D  G NXTGRP  . D ADD^IBCNSUR3(1,"Please note the ",IBGRPNM," plan is already inactive.")  . W !!,@REF@(IBLN),!  . D SNDBULL  ;  W !  S DIR(0)="Y",DIR("B")="NO"  I IBEXPERR D  . S DIR("A",1)=" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"  . S DIR("A",2)=" \* WARNING \*"  . S DIR("A",3)=" \* There are still active subscribers \*"  . S DIR("A",4)=" \* that will need to be adjusted manually \*"  . S DIR("A",5)=" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"  . S DIR("A",6)=" "  S DIR("A")="Do you wish to inactivate plan "\_IBGRPNM  D ^DIR K DIR  I 'Y!$D(DIRUT) D  G NXTGRP  . D ADD^IBCNSUR3(1,"The ",IBGRPNM," plan is still active.")  . W !!,@REF@(IBLN),!  . D SNDBULL  ; inactivate the plan  S IBIENWK=IBPLAN\_","  K DTA,ERR  S DTA(355.3,IBIENWK,.11)=1 ; inactive  S DTA(355.3,IBIENWK,1.05)=$$NOW^XLFDT() ; last edited  S DTA(355.3,IBIENWK,1.06)=DUZ ; by  D FILE^DIE("","DTA","ERR")  I $D(ERR) D  G NXTGRP  . D ADD^IBCNSUR3(1,"There was an issue inactivating the ",IBGRPNM," plan.")  . W !!,@REF@(IBLN),!  . D SNDBULL  D ADD^IBCNSUR3(1,"The ",IBGRPNM," plan has been inactivated.")  W !!,@REF@(IBLN),!  D SNDBULL  G NXTGRP  ; SNDBULL ; send out the bulletin   I '$G(IBLN) Q  D ADD^IBCNSUR3()  D ADD^IBCNSUR3(1,"THE PROCESS COMPLETED SUCCESSFULLY ON "\_$$DAT1^IBOUTL($$NOW^XLFDT(),1))  S XMSUB="SUBSCRIPTION LIST FOR INACTIVATED PLAN"  S XMDUZ="INTEGRATED BILLING PACKAGE",XMTEXT="^TMP("\_$J\_",""IBCNSURBLL"","  S XMY(DUZ)=""  S XMY("G.IB NEW INSURANCE")=""  D ^XMD  Q | | | | | | | |

# Revision History

| Date | Version | Description | Author |
| --- | --- | --- | --- |
| 03/01/2018 | 1.0 | Initial draft | Daniel Moran |
| 12/4/2018 | 1.1 | Updated after code complete | Henry Normand |
| 02/06/2019 | 1.2 | Updated for IOC changes | Timothy Zimmer |