**MCCF EDI TAS USEB-12**

System Design Document

IB\*2.0\*???



Department of Veterans Affairs

**October 2016**

Version 1.0

**User Story Number:** USEB-12

**User Story Name:** Printing of CMS 1500 (Backlog # 148)

# Resolution/Data Design

The following is list of things that need to be done to satisfy this user story:

* For Box 22-A (RESUBMISSION CODE) on the CMS 1500 form the following need to occur:

COLUMN 50 MEDICAID RESUB CODE (BX-22/A) 364.6[1475] 364.7[1175] 364.5[5] Length=11 Max Lines=0

>Constant Value: ""

* + Currently, #364.7, 1175 points to #364.5, 5. Need to update #364.7, 1175 by changing the DATA ELEMENT field to validate the Bill Frequency Code which is contained in #364.5, 74 (Loop 2300 CLM05-3 [CL1 pc 5]). The following is the Fileman field definition for 364.5, 74:

Select IB DATA ELEMENT DEFINITION NAME: N-BILL FREQUENCY BILL/CLAIMS

ANOTHER ONE:

STANDARD CAPTIONED OUTPUT? Yes// (Yes)

Include COMPUTED fields: (N/Y/R/B): NO// - No record number (IEN), no Computes

NAME: N-BILL FREQUENCY SECURITY LEVEL: NATIONAL,NO EDIT

TYPE OF ELEMENT: NON-MULTIPLE FILEMAN FIELD

ELEMENT CATEGORY: INDIVIDUAL ELEMENT BASE FILE: BILL/CLAIMS

FILEMAN FIELD REFERENCE: TIMEFRAME OF BILL

DESCRIPTION: The internal code for the frequency of the bill entry IBXIEN.

* + Modify #364.7, 1175, the FORMAT CODE field, to conditionally kill IBXDATA if it is equal to “7” or “8”, at the same time set IBXSAVE(“FQCD”) equal to IBXDATA, if IBXDATA is equal to “7” or “8”. The code to be used will be as follows:

K IBXSAVE(“FQCD”) S:(“^7^8^”[(U\_IBXDATA\_U)) IBXSAVE(“FQCD”)=IBXDATA I ‘$D(IBXSAVE(“FQCD”)) K IBXDATA

* + Modify the IBY???PO routine to properly make these form modifications.
* For Box 22-B (ORIGINAL REF. NO.) on the CMS 1500 form the following need to occur:

COLUMN 62 ORIGINAL REF NO (BX-22/B) 364.6[1476] 364.7[1176] 364.5[5] Length=17 Max Lines=0

>Constant Value: ""

* + Currently, #364.7, 1176 points to #364.5, 5. Need to update #364.7, 1176 by changing the DATA ELEMENT field to obtain the Payer Claim Control Number ICN/DCN as in 364.5, 55 (Loop 2300 REF02 [CI3A pc 6]). The following is the Fileman field definition for 364.5, 55:

Select IB DATA ELEMENT DEFINITION NAME: N-CURR INS FORM LOC 64 BILL/CLAIMS

ANOTHER ONE:

STANDARD CAPTIONED OUTPUT? Yes// (Yes)

Include COMPUTED fields: (N/Y/R/B): NO// - No record number (IEN), no Computed Fields

NAME: N-CURR INS FORM LOC 64 SECURITY LEVEL: NATIONAL,NO EDIT

TYPE OF ELEMENT: EXTRACTED VIA CODE ELEMENT CATEGORY: INDIVIDUAL ELEMENT

BASE FILE: BILL/CLAIMS

EXTRACT CODE: N Z S Z=$$COBN^IBCEF(IBXIEN) D F^IBCEF("N-UB-04 FORM LOCATOR 64"\_$P("^B^C",U,Z))

DESCRIPTION: The form locator 64 data for the current insurance company for bill entry IBXIEN.

* + Modify #364.7, 1176, the FORMAT CODE field, to conditionally kill IBXDATA if the Bill Frequency Code was equal to “7” or “8”. The code to be used will be as follows:

I ‘$D(IBXSAVE(“FQCD”)) K IBXDATA

* + Modify the IBY???PO routine to properly make these form modifications.

* Create the New ^IBY???PR Pre-Install Routine

| * **Routines** | **Activities** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBY???PR | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | None | | | | | | | | |
| **Related Routines** | **Routines “Called By”** | | | | | **Routines “Called”** | | | |
|  |  | | | | |  | | | |
| **Data Dictionary (DD) References** | IB DATA ELEMENT DEFINITION File [#364.7] | | | | | | | | |
| **Related Protocols** | None | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | None | | | | | | | | |
| **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** | | | | | | | | | |
| N/A | | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | | |
| IBY???PR ;ALB/VAD - Pre-Installation for IB patch ??? ;27-Aug-2007  ;;2.0;INTEGRATED BILLING;\*\*???\*\*;21-MAR-94;Build 52  ;  D DELOF       ; delete all output formatter data elements included in build   Q  ; DELOF ; Delete included output formatter entries  NEW FILE,DIK,LN,TAG,DATA,PCE,DA,Y  F FILE=5,6,7 S DIK="^IBA(364."\_FILE\_"," F LN=2:1 S TAG="ENT"\_FILE\_"+"\_LN,DATA=$P($T(@TAG),";;",2) Q:DATA=""  D  . F PCE=2:1 S DA=$P(DATA,U,PCE) Q:'DA  I $D(^IBA("364."\_FILE,DA,0)) D ^DIK  . Q   ; DELOFX ;  Q  ; INCLUDE(FILE,Y) ; function to determine if output formatter entry should be  ; included in the build  ; FILE=5,6,7 indicating file 364.x  ; Y=ien to file  ;  NEW OK,LN,TAG,DATA  S OK=0  F LN=2:1 S TAG="ENT"\_FILE\_"+"\_LN,DATA=$P($T(@TAG),";;",2) Q:DATA=""  I $F(DATA,U\_Y\_U) S OK=1 Q INCLUDEX ;  Q OK  ;  ;-----------------------------------------------------------------------   ; 364.7 entries modified: ENT7 ; output formatter entries in file 364.7 to be included  ;  ;;^1175^1176^  ;  ;-----------------------------------------------------------------------  ; 364.7 entries modified:  ;1175 CL1-5  ;1176 CI3A-6   ;  ;-----------------------------------------------------------------------   ; | | | | | | | | | |

* Need to add the 364.7 file to the build for the updates to the 1175 and 1176 entries.

Edit a Build PAGE 2 OF 5

Name: **IB\*2.0\*???**  TYPE: **SINGLE PACKAGE**

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

File List (Name or Number)

 DD Export Options 

 

 File: IB FORM FIELD CONTENT 

 

 Send Full or Partial DD...: **FULL**  

 

Update the Data Dictionary: **NO**  Send Security Code: **NO**  

 

Screen to Determine DD Update 

 

 

 Data Comes With File...: **YES** 



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

Name: **IB\*2.0\*???**  TYPE: **SINGLE PACKAGE**

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

File List (Name or Number)

 DD Export Options 

 Data Export Options 

 

 Site's Data: OVERWRITE 

 

 Resolve Pointers: **YES** May User Override Data Update: **NO**  

 

 Data List: 

 

 Screen to Select Data 

 **I $$INCLUDE^IBY???PR(7,Y)**  





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