**MCCF EDI TAS EINSURANCE US180**

System Design Document

IB\*2.0\*602



Department of Veterans Affairs

**March 2018**

Version 2.1

**User Story Number:** US180

**User Story Name:** Excel Report Titles High Demand Reports

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

# Story:

|  |  |  |
| --- | --- | --- |
| **As a...** | **I want to...** | **So that...** |
| Insurance Verification User | The following reports generated in Excel format to include the same identifying information (with the exceptions of the label “Page:” and the page number) as that presented in the header of the displayed report:   * eIV Payer Link Report * eIV Response Report | I can research and identify trends using the same consistent information to compare one export to another. |

# Design

eIV Payer Link Report

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBCNERPD | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | eIV Payer Link Report [IBCNE IIV PAYER LINK REPORT] | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  |  | | | | | $$S^%ZTLOAD  ^DIR  $$FO^IBCNEUT1  $$HPD^IBCNHUT1  $$FMTE^XLFDT  $$NOW^XLFDT | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** |  | | | | | | | | |
| **Related Protocols** |  | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** |  | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| Current Logic | | | | | | | | | |
| IBCNERPD ;DAOU/RO - eIV PAYER LINK REPORT PRINT;AUG-2003  ;;2.0;INTEGRATED BILLING;\*\*184,252,416,521,528\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| IBCNERPD ;DAOU/RO - eIV PAYER LINK REPORT PRINT;AUG-2003  ;;2.0;INTEGRATED BILLING;\*\*184,252,416,521,528**,602**\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Current Logic | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet   N X,HDR ; Added HDR   I REP=1 D  .S X="Payer Name^National Payer ID^# Linked Ins. Co.^Nationally Active?^Locally Active?^FSC Trusted?^Professional EDI#^Institutional EDI#"  .I DET=1 S X=X\_"^Linked Insurance Company Name^Street Address^City, ST^Professional EDI#^Institutional EDI#^HPID/OEID"  I REP=2 D  .S X="Insurance Company Name^Street Address^City, ST Zip^# Active Groups^Professional EDI#^Institutional EDI#^HPID/OEID^"  .S X=X\_"Linked Payer^VA ID^Nationally Active?^Locally Active?^FSC Trusted?^Professional EDI#^Institutional EDI#"  W !,X  Q | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet   N X,HDR ; Added HDR  **; IB\*602/HN ; Add report headers to Excel Spreadsheets  S X="eIV Payer Link Report^"\_$$FMTE^XLFDT($$NOW^XLFDT,1)  W X  S X="Report Option: "\_$S(REP=1:"Payer List",1:"Insurance Company List")  W !,X  I REP=1 D  . S HDR=$S(TYP=1:"Unlinked Payers Only",TYP=2:"Linked Payers Only",1:"All Payers")  . I TYP=3 S HDR=HDR\_"^"\_$S(DET=1:"With Ins. Co. Detail",1:"Without Ins. Co. Detail")  I REP=2 D  . S HDR=$S(TYP=1:"Unlinked Insurance Companies Only",TYP=2:"Linked Insurance Companies Only",1:"All Insurance Companies")  W "^"\_HDR  I REP=2 W !,"'\*' indicates the Insurance Company HPID/OEID failed validation checks"  I REP=1,DET=1 W !,"'\*' indicates the Linked Insurance Company HPID/OEID failed validation checks"  ; IB\*602/HN end**   I REP=1 D  .S X="Payer Name^National Payer ID^# Linked Ins. Co.^Nationally Active?^Locally Active?^FSC Trusted?^Professional EDI#^Institutional EDI#"  .I DET=1 S X=X\_"^Linked Insurance Company Name^Street Address^City, ST^Professional EDI#^Institutional EDI#^HPID/OEID"  I REP=2 D  .S X="Insurance Company Name^Street Address^City, ST Zip^# Active Groups^Professional EDI#^Institutional EDI#^HPID/OEID^"  .S X=X\_"Linked Payer^VA ID^Nationally Active?^Locally Active?^FSC Trusted?^Professional EDI#^Institutional EDI#"  W !,X  Q | | | | | | | | | |

eIV Response Report

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBCNERP3 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | eIV Response Report [IBCNE IIV RESPONSE REPORT] | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  |  | | | | | $$S^%ZTLOAD  $$GET1^DIQ  ^DIR  $$GETSSN^IBCNEDE5  $$GETDOB^IBCNEDEQ  $$SSN^IBCNEDEQ  DATA^IBCNERPE  $$FO^IBCNEUT1  $$FMTE^XLFDT  $$NOW^XLFDT  $$TRIM^XLFSTR | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** |  | | | | | | | | |
| **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 | | | | | | | | | |
| IBCNERP3 ;DAOU/BHS - IBCNE eIV RESPONSE REPORT PRINT ;03-JUN-2002  ;;2.0;INTEGRATED BILLING;\*\*184,271,416,528\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified.  ; | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| IBCNERP3 ;DAOU/BHS - IBCNE eIV RESPONSE REPORT PRINT ;03-JUN-2002  ;;2.0;INTEGRATED BILLING;\*\*184,271,416,528,602\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified.  ; | | | | | | | | | |
| Current Logic | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet ; 528  N X  S PGC=1  S X=$S(SRT=1:"Payer",1:"Patient")\_U\_$S(SRT=1:"Patient",1:"Payer")\_"^Patient SSN^Patient DOB^Subscriber^Subscriber ID^Subscriber DOB^Subscriber SSN^Subscriber Sex^Group Name^Group ID"  S X=X\_"^Whose Insurance^Pt Relationship to Subscriber^Member ID^COB^Service Date^Date of Death^Effective Date^Certification Date^Expiration Date^Payer Updated Policy"  S X=X\_"^Response Date^Trace #^Policy Number^Reference ID Qualifier^Reference ID^Reference ID Description^Provider Code^Reference ID^Primary Diagnosis Code^Military Info Status"  W X  S X="^Employment Status^Government Affiliation^Date Time Period^Service Rank^Desc"  W X  Q | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet ; 528  N X **; IB\*602/HN ; Add report headers to Excel Spreadsheets  S EHDR=$S($G(IPRF)=1:"eIV Inactive Policy Report",$G(IPRF)=2:"eIV Ambiguous Policy Report",1:"eIV Response Report") I TRC'="" S EHDR=EHDR\_"^by Trace #"  W !,EHDR\_"^"\_$$FMTE^XLFDT($$NOW^XLFDT,1)  ;  I TRC'="" S HDR="Trace #: "\_TRC W !,HDR  I TRC="" D  . S EHDR="Sorted by: "\_$S(SRT=1:"Payer",1:"Patient")\_" Name"  . S EHDR=EHDR\_"^Responses Displayed: "\_$S(TYP="M":"Most Recent",1:"All")  . W !,EHDR S EHDR=""  . I $G(IPRF)=1 W !,"Earliest Policy Expiration Date: ",$$FMTE^XLFDT(EXP,"5Z")  . S EHDR=$$FMTE^XLFDT(BDT,"5Z")\_" - "\_$$FMTE^XLFDT(EDT,"5Z")  . W !,EHDR  . ; Disp SORT1 rng  . S EHDR=""  . I SRT=1,PYR="" S EHDR="All Payers"  . I SRT=2,PAT="" S EHDR="All Patients"  . I EHDR="" D  .. I SRT=1 S EHDR=$P($G(^IBE(365.12,PYR,0)),U,1) Q  .. S EHDR=$P($G(^DPT(PAT,0)),U,1)  . W !,EHDR  . ; Disp SORT2 rng  . S EHDR=""  . I SRT=1,PAT="" S EHDR="All Patients"  . I SRT=2,PYR="" S EHDR="All Payers"  . I EHDR="" D  .. I SRT=1 S EHDR=$P($G(^DPT(PAT,0)),U,1) Q  .. S EHDR=$P($G(^IBE(365.12,PYR,0)),U,1)   . W !,EHDR  W !  ; Build disp  I SORT1'="",SORT2'="" D  . W !,$$FO^IBCNEUT1($S(TRC'=""!(SRT=1):" Payer: ",1:"Patient: "),9)\_$E(PRT1,1,69)  . W !,$$FO^IBCNEUT1($S(TRC'=""!(SRT=1):"Patient: ",1:" Payer: "),9)\_$E(PRT2,1,69)  . W !**  **K EHDR  ; ; IB\*602/HN end**  S PGC=1  S X=$S(SRT=1:"Payer",1:"Patient")\_U\_$S(SRT=1:"Patient",1:"Payer")\_"^Patient SSN^Patient DOB^Subscriber^Subscriber ID^Subscriber DOB^Subscriber SSN^Subscriber Sex^Group Name^Group ID"  S X=X\_"^Whose Insurance^Pt Relationship to Subscriber^Member ID^COB^Service Date^Date of Death^Effective Date^Certification Date^Expiration Date^Payer Updated Policy"  S X=X\_"^Response Date^Trace #^Policy Number^Reference ID Qualifier^Reference ID^Reference ID Description^Provider Code^Reference ID^Primary Diagnosis Code^Military Info Status"  W X  S X="^Employment Status^Government Affiliation^Date Time Period^Service Rank^Desc"  W X  Q | | | | | | | | | |

# Revision History

| Date | Version | Description | Author |
| --- | --- | --- | --- |
| April 2017 | 1.0 | Initial draft – had about 15 reports listed | Unknown |
| 03/09/2018 | 2.0 | User story was rewritten in February 2018. The scope of the story has been reduced to 2 reports. The updated acceptance criteria for the updated story required a rework to the SDD make sure the headers that appear on the screen match the headers as they appear in excel and to reduce the scope to the two requested reports. | Henry Normand |
| 03/21/2018 | 2.1 | After Code Review | Henry Normand |