**MCCF EDI TAS EINSURANCE US3758**

System Design Document

IB\*2.0\*602



Department of Veterans Affairs

**March 2018**

Version 1.1

**User Story Number:** US3758

**User Story Name:** Excel Report Titles – Low Demand Reports Group 1

|  |  |
| --- | --- |
| **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:   * Insurance Buffer Activity * Insurance Buffer Employee * Verification of No Coverage Report | I can research and identify trends using the same consistent information to compare one export to another. |

Insurance Buffer Activity

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBCNBOA | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | Insurance Buffer Activity [IBCN OUTPUT INS BUFF ACTIVITY] | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  |  | | | | | ^%ZIS  HOME^%ZIS  ^%ZISC  ^%ZTLOAD  $$S^%ZTLOAD  ^DIR  $$DATES^IBCNBOE  $$MONTH^IBCNBOE  $$OUT^IBCNBOE  $$FMDIFF^XLFDT  $$FMTE^XLFDT  $$NOW^XLFDT  $$SCH^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 | | | | | | | | | |
| IBCNBOA ;ALB/ARH - Ins Buffer: Activity Report ;1 Jun 97  ;;2.0;INTEGRATED BILLING;\*\*82,305,528\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| IBCNBOA ;ALB/ARH - Ins Buffer: Activity Report ;1 Jun 97  ;;2.0;INTEGRATED BILLING;\*\*82,305,528,602\*\*;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  S X="MONTH^STATUS^COUNT^PERCENT^AVERAGE # DAYS^LONGEST # DAYS^SHORTEST # DAYS^New Companies^% New Companies^New Group/Plans^% New Group/Plans^New Patient Policies^% New Patient Policies"  W X  K X  Q | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet  N X  **;** **; IB\*602/HN ; Add report headers to Excel Spreadsheets   W !,"INSURANCE BUFFER ACTIVITY REPORT^",IBRANGE\_"^"\_$$FMTE^XLFDT($$NOW^XLFDT,1),!  ; IB\*602/HN end**  S X="MONTH^STATUS^COUNT^PERCENT^AVERAGE # DAYS^LONGEST # DAYS^SHORTEST # DAYS^New Companies^% New Companies^New Group/Plans^% New Group/Plans^New Patient Policies^% New Patient Policies"  W X  K X  Q  ; | | | | | | | | | |

Insurance Buffer Employee

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBCNBOE | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | Insurance Buffer Employee  [IBCN OUTPUT INS BUFF ACTIVITY] | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  |  | | | | | ^%ZIS  HOME^%ZIS  ^%ZISC  ^%ZTLOAD  $$S^%ZTLOAD  ^DIR  $$DATES^IBCNBOE  $$MONTH^IBCNBOE  $$OUT^IBCNBOE  $$SELEMPL^IBCNBOE  $$FMTE^XLFDT  $$NOW^XLFDT | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** |  | | | | | | | | |
| **Related Protocols** |  | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** |  | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| Current Logic | | | | | | | | | |
| IBCNBOE ;ALB/ARH - Ins Buffer: Employee Report ;1 Jun 97  ;;2.0;INTEGRATED BILLING;\*\*82,528\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| IBCNBOE ;ALB/ARH - Ins Buffer: Employee Report ;1 Jun 97  ;;2.0;INTEGRATED BILLING;\*\*82,528,602\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Current Logic | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet  N X  S X="EMPLOYEE^MONTH^STATUS^COUNT^PERCENT^AVERAGE # DAYS^LONGEST # DAYS^SHORTEST # DAYS^New Companies^% New Companies^New Group/Plans^% New Group/Plans^New Patient Policies^% New Patient Policies"  W X  K X  Q | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet  N X ; IB\*602/HN ; Add report headers to Excel Spreadsheets   W !,"INSURANCE BUFFER EMPLOYEE REPORT^"\_IBRANGE\_"^"\_$$FMTE^XLFDT($$NOW^XLFDT,1),!  I +$G(IBEMPL) W "EMPLOYEE: ",$P($G(^VA(200,+IBEMPL,0)),U,1),!  ; IB\*602/HN end  S X="EMPLOYEE^MONTH^STATUS^COUNT^PERCENT^AVERAGE # DAYS^LONGEST # DAYS^SHORTEST # DAYS^New Companies^% New Companies^New Group/Plans^% New Group/Plans^New Patient Policies^% New Patient Policies"  W X  K X  Q | | | | | | | | | |

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBCNBOF | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | Insurance Buffer Employee  [IBCN OUTPUT INS BUFF ACTIVITY] | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  |  | | | | | ^%ZIS  HOME^%ZIS  ^%ZISC  ^%ZTLOAD  $$S^%ZTLOAD  ^DIR  $$DATES^IBCNBOE  $$MONTH^IBCNBOE  $$OUT^IBCNBOE  $$SELEMPL^IBCNBOE  $$FMTE^XLFDT  $$NOW^XLFDT | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** |  | | | | | | | | |
| **Related Protocols** |  | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** |  | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| Current Logic | | | | | | | | | |
| IBCNBOF ;ALB/ARH - Ins Buffer: Employee Report (Entered);1 Jun 97  ;;2.0;INTEGRATED BILLING;\*\*82,528\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| IBCNBOF ;ALB/ARH - Ins Buffer: Employee Report (Entered);1 Jun 97  ;;2.0;INTEGRATED BILLING;\*\*82,528,602\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Current Logic | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet  N X  S X="EMPLOYEE^MONTH^TOTAL^NOT YET PROCESSED^% NOT YET PROCESSED^ACCEPTED^% ACCEPTED^REJECTED^% REJECTED^NEW INS CO^NEW GROUP^NEW POLICY"  W X  K X  Q  ; | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| PHDL ; - Print the header line for the Excel spreadsheet  N X **; IB\*602/HN ; Add report headers to Excel Spreadsheets   W !,"INSURANCE BUFFER (ENTERING) EMPLOYEE REPORT^"\_IBRANGE\_"^"\_$$FMTE^XLFDT($$NOW^XLFDT,1),!  ; IB\*602/HN end**   S X="EMPLOYEE^MONTH^TOTAL^NOT YET PROCESSED^% NOT YET PROCESSED^ACCEPTED^% ACCEPTED^REJECTED^% REJECTED^NEW INS CO^NEW GROUP^NEW POLICY"  W X  K X  Q | | | | | | | | | |

Verification of No Coverage Report

| Routines | Activities | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBCOMN1 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | Verification of No Coverage Report  [IBCN NO COVERAGE VERIFIED] | | | | | | | | |
| Related Routines | Routines “Called By” | | | | | Routines “Called” | | | |
|  |  | | | | | ^%ZISC  ^DIR  $$TERMDG^IBCONS2  ADD^VADPT  DEM^VADPT  $$FMTE^XLFDT  $$NOW^XLFDT | | | |
| Routines | Activities | | | | | | | | |
| **Data Dictionary (DD) References** |  | | | | | | | | |
| **Related Protocols** |  | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** |  | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| Current Logic | | | | | | | | | |
| IBCOMN1 ;ALB/CMS - PATIENTS NO COVERAGE VERIFIED REPORT (CON'T);10-09-98  ;;2.0;INTEGRATED BILLING;\*\*103,528\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| IBCOMN1 ;ALB/CMS - PATIENTS NO COVERAGE VERIFIED REPORT (CON'T);10-09-98  ;;2.0;INTEGRATED BILLING;\*\*103,528**,602**\*\*;21-MAR-94;Build 163  ;;Per VA Directive 6402, this routine should not be modified. | | | | | | | | | |
| Current Logic | | | | | | | | | |
| HD ;Write Heading  S IBPAGE=IBPAGE+1  I IBOUT="E" W:($E(IOST,1,2)["C-") ! W "Patient Name^SSN^Age^DOB^Phone^Verified" Q  W @IOF,!,"Patients w/No Coverage Verification Date Report",?50,$$FMTE^XLFDT($$NOW^XLFDT,"Z"),?70," Page ",IBPAGE  W !,?5,"Verification Date Range: "\_$$FMTE^XLFDT(IBBDT,"Z")\_" to "\_$$FMTE^XLFDT(IBEDT,"Z")  W !,?5," Sorted by: "\_$S(IBAIB=1:"Patient Name",1:"Terminal Digit")\_" Range: "\_$S(IBRF="A":"FIRST",1:IBRF)\_" to "\_$S(IBRL="zzzzzz":"LAST",1:IBRL)  W !,?20,"(\* - Patient Deceased)"  W !,"Patient Name",?31,"SSN",?38,"Age",?43,"DOB",?55,"Phone",?70,"Verified"  W ! F IBX=1:1:79 W "="  Q | | | | | | | | | |
| Modified Logic (Changes are in bold) | | | | | | | | | |
| HD ;Write Heading  S IBPAGE=IBPAGE+1 ; IB\*602/HN ; Add report headers to Excel Spreadsheets  **I IBOUT="E" D  W:($E(IOST,1,2)["C-") ! W "Patient Name^SSN^Age^DOB^Phone^Verified" Q  .W !,"Patients w/No Coverage Verification Date Report^"\_$$FMTE^XLFDT($$NOW^XLFDT,"Z")  .W !,"Verification Date Range: "\_$$FMTE^XLFDT(IBBDT,"Z")\_" to "\_$$FMTE^XLFDT(IBEDT,"Z")  .W !," Sorted by: "\_$S(IBAIB=1:"Patient Name",1:"Terminal Digit")\_" Range: "\_$S(IBRF="A":"FIRST",1:IBRF)\_" to "\_$S(IBRL="zzzzzz":"LAST",1:IBRL)  .W !,"(\* - Patient Deceased)" ; IB\*602/HN end**  W @IOF,!,"Patients w/No Coverage Verification Date Report",?50,$$FMTE^XLFDT($$NOW^XLFDT,"Z"),?70," Page ",IBPAGE  W !,?5,"Verification Date Range: "\_$$FMTE^XLFDT(IBBDT,"Z")\_" to "\_$$FMTE^XLFDT(IBEDT,"Z")  W !,?5," Sorted by: "\_$S(IBAIB=1:"Patient Name",1:"Terminal Digit")\_" Range: "\_$S(IBRF="A":"FIRST",1:IBRF)\_" to "\_$S(IBRL="zzzzzz":"LAST",1:IBRL)  W !,?20,"(\* - Patient Deceased)"  W !,"Patient Name",?31,"SSN",?38,"Age",?43,"DOB",?55,"Phone",?70,"Verified"  W ! F IBX=1:1:79 W "="  Q | | | | | | | | | |

# Revision History

| Date | Version | Description | Author |
| --- | --- | --- | --- |
| 03/09/2018 | 1.0 | Initial draft | Henry Normand |
| 03/21/2018 | V1.1 | After Code Review | Henry Normand |