**Medical Care Collection Fund (MCCF) eBilling Compliance Phase 3**

**X12N 5010 Health Care Services Review – Request for Review and Response (278)**

**Version 4.0**

RELEASE NOTES/ Installation Guide/ Rollback Plan

**IB\*2.0\*517**



**August 2016**

**Department of Veterans Affairs**

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# Introduction

This Integrated Billing (IB) patch introduces changes to VistA’s IB module.

 APPLICATION/VERSION PATCH

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

 INTEGRATED BILLING (IB) V. 2.0 IB\*2\*517

This patch (IB\*2\*517) is being released in the Kernel Installation and Distribution System (KIDS) distribution.

## Documentation and Distribution

Software and Documentation Retrieval Instructions:

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

Software being released as a host file and/or documentation describing

the new functionality introduced by this patch are available.

The preferred method is to retrieve files from REDACTED

This transmits the files from the first available server. Sites may

also elect to retrieve files directly from a specific server.

Sites may retrieve the software and/or documentation directly using

Secure File Transfer Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory

at the following OI Field Offices:

Albany: REDACTED

Hines: REDACTED

Salt Lake City: REDACTED

Documentation can also be found on the VA Software Documentation Library

at: http://www.va.gov/vdl/

Title File Name FTP Mode

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

Claims Tracking and Health ib\_2\_0\_CT\_ug.pdf binary

Care Service Review

IB User Manual ib\_2\_0\_um.pdf binary

IB Release Notes/Installation ib\_2\_0\_p517\_rn.pdf binary

Guide

IB Technical Manual ib\_2\_0\_tm.pdf binary

*(This page included for two-sided copying.)*

# Patch Description and Installation Instructions

## Patch Description

=============================================================================

Run Date: AUG 04, 2016 Designation: IB\*2\*517

Package : INTEGRATED BILLING Priority : MANDATORY

Version : 2 Status : COMPLETE/NOT RELEASED

=============================================================================

Associated patches: (v)IB\*2\*62 <<= must be installed BEFORE `IB\*2\*517'

 (v)IB\*2\*384 <<= must be installed BEFORE `IB\*2\*517'

 (v)IB\*2\*438 <<= must be installed BEFORE `IB\*2\*517'

 (v)IB\*2\*519 <<= must be installed BEFORE `IB\*2\*517'

Subject: E-BILLING - HCS REVIEW X12 278

Category: INPUT TEMPLATE

 ENHANCEMENT (MANDATORY)

 DATA DICTIONARY

 ROUTINE

 OTHER

Description:

===========

This patch provides the capability to send and receive X12N 5010 Health

Care Services Review - Request for Review and Response transactions

(278X217) in addition to X12N 5010 Health Care Services Review - Inquiry

and Response transactions (278X215) for the purpose of obtaining referral

certification and authorization numbers. The numbers will then be used

by IB personnel when creating claims for reimbursement from third-party

payers.

Patch IB\*2\*517 will include the following changes to VistA's Integrated

Billing Module:

1. Create and transmit Accredited Standards Committee (ASC) X12N 5010

 Health Care Services Review - Request for Review and Response

 (278X217) transactions to the Financial Services Center (FSC).

2. Receive, store and display ASC X12N 5010 Health Care Services

 Review - Request for Review and Response (278X217) transactions that

 come back from payers.

3. Create and transmit ASC X12N 5010 Health Care Services Review -

 Inquiry and Response (278X215) transaction to FSC for a previously

 submitted ASC X12N 5010 Health Care Services Review - Request for

 Review and Response (278X217) request once an ASC X12N 5010 Health

 Care Services Review - Request for Review and Response (278x217)

 transaction returns with a pending status.

4. Receive, store and display ASC X12N 5010 Health Care Services Review -

 Inquiry and Response (278X215) transactions that return from payers.

5. Create new claims tracking site parameters in MCCR Site Parameter

 Display/Edit [IBJ MCCR SITE PARAMETERS] for the search of the

 appointments and the admissions.

6. Create new security key, IB HCSR PARAM EDIT, to add/edit claims

 tracking site parameters.

7. Create new Health Care Services Review (HCSR) Worklist [IBT HCSR

 WORKLIST] for future appointments, future admissions, past

 appointments and past admissions based on site parameters.

8. Provide the ability to trigger ASC X12N 5010 Health Care Services

 Review - Request for Review and Response (278X217) transaction from

 the worklist.

9. Provide the ability to trigger ASC X12N 5010 Health Care Services

 Review - Inquiry and Response (278X215) transaction from the worklist.

10. Provide the ability for users to add an entry to the Health Care

 Services Review (HCSR) Worklist [IBT HCSR WORKLIST]

11. Provide the ability for users to add a reason for the deletion of an

 entry on the Health Care Services Review (HCSR) Worklist [IBT HCSR

 WORKLIST].

12. Provide the ability for users to choose between deleting data or

 saving data when they exit before completing an X12N Health Care

 Service Review request (278X217) transaction.

13. Provide the ability to view the data Health Care Services Review

 (HCSR) 278 Response [IBT HCSR RESPONSE VIEW] that was transmitted in

 an ASC X12N Health Care Services Review-Request (278) transactions.

14. Create a Response worklist Health Care Services Review (HCSR) Worklist

 [IBT HCSR WORKLIST] of 278 response messages received for all ASC X12N

 5010 Health Care Services Review - Request for Review and Response

 (278x217) and all ASC X12N 5010 Health Care Services Review - Inquiry

 and Response (278x215) messages submitted.

15. Provide the ability to automatically add the authorization number(s)

 to claims.

16. Provide the ability to automatically add an Authorization Number that

 is received in an Health Care Service Review response (278X217)

 transaction to the Insurance Review for a Claims Tracking event at the

 following times:

 \* When the final 278 is received if the billable event already

 exists in Claims Tracking.

 \* When the billable event is added to Claims Tracking if the

 Authorization Number was received prior to the event being

 added to Claims Tracking.

17. Provide statistical reporting of the ASC X12N Health Care Services

 Review-Request for Review and Response (278x217) transactions.

18. Provide statistical reporting of the ASC X12N Health Care Services

 Review-Inquiry for Review and Response (278x215) transactions.

19. Provide the ability to send the 278 Payer IDs to be used for ASC

 X12N Health Care Services Review-Request for Review and Response (278)

 transactions if available.

20. Provide the ability to add industry standard codes that are used

 for ASC X12N Health Care Services Review-Request for Review and

 Response (278) transactions.

Patch Components

================

Files & Fields Associated:

File Name (#) New/Modified/

 Sub-file Name (#) Field Name (Number) Deleted

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

IB SITE PARAMETERS (#350.9) Modified

 CPAC ADM FUTURE DAYS (#62.02) New

 CPAC APPT PAST DAYS (#62.03) New

 CPAC ADM PAST DAYS (#62.04) New

 TRICARE APPT FUTURE DAYS (#62.05) New

 TRICARE ADM FUTURE DAYS (#62.06) New

 TRICARE APPT PAST DAYS (#62.07) New

 TRICARE ADM PAST DAYS (#62.08) New

 PURGE DAYS (#62.09) New

 INQUIRY TRIGGER APPT (#62.1) New

 INQUIRY TRIGGER ADM (#62.11) New

 HSCR RESPONSE PURGE DAYS (#62.12) New

 CPAC APPT FUTURE DAYS (#62.13) New

 HCSR CLINIC LIST sub-file (#350.963) New

 INCLUDE CLINIC FOR PAYERS sub-file (#350.9631) New

 HCSR WARD LIST sub-file (#350.964) New

 INCLUDE WARD FOR PAYERS sub-file (#350.9641) New

 HCSR INSCO APPT LIST sub-file (#350.965) New

 HCSR INSCO ADM LIST sub-file (#350.966) New

X12 278 REQUEST CATEGORY (#356.001) New

X12 278 CERTIFICATION TYPE CODE (#356.002) New

X12 278 CURRENT HEALTH CONDITION CODE (#356.003) New

X12 278 PROGNOSIS CODE (#356.004) New

X12 278 DELAY REASON CODE (#356.005) New

X12 278 DIAGNOSIS TYPE (#356.006) New

X12 278 DELIVERY PATTERN TIME CODE (#356.007) New

X12 278 CONDITION CODE (#356.008) New

X12 278 ADMISSION SOURCE (#356.009) New

X12 278 PATIENT STATUS (#356.01) New

X12 278 NURSING HOME RESIDENTIAL STATUS (#356.011) New

X12 278 SUBLUXATION LEVEL CODE (#356.012) New

X12 278 OXYGEN EQUIPMENT TYPE (#356.013) New

X12 278 OXYGEN TEST CONDITION (#356.014) New

X12 278 OXYGEN TEST FINDINGS (#356.015) New

X12 278 OXYGEN DELIVERY SYSTEM CODE (#356.016) New

X12 278 PATIENT LOCATION (#356.017) New

X12 278 REPORT TYPE CODE (#356.018) New

X12 278 NURSING HOME LEVEL OF CARE (#356.019) New

X12 278 CERTIFICATION ACTION CODES (#356.02) New

X12 278 HCS DECISION REASON CODES (#356.021) New

X12 278 DENTAL NUMBERING SYSTEM (#356.022) New

HCSR WORKLIST DELETE REASON CODE (#356.023) New

HCS REVIEW TRANSMISSION (#356.22) New

X12 271 SERVICE TYPE (#365.013) Modified

X12 271 TIME PERIOD QUALIFIER (#365.015) Modified

X12 271 QUANTITY QUALIFIER (#365.016) Modified

X12 271 ERROR CONDITION (#365.017) Modified

X12 271 CONTACT QUALIFIER (#365.021) Modified

X12 271 ENTITY IDENTIFIER CODE (#365.022) Modified

X12 271 DELIVERY FREQUENCY CODE (#365.025) Modified

X12 271 LOOP ID (#365.027) Modified

BILL/CLAIMS (#399) Modified

 PRIMARY INSURANCE POLICY (#112) Modified

 SECONDARY INSURANCE POLICY (#113) Modified

 TERTIARY INSURANCE POLICY (#114) Modified

Bulletins Associated:

 New/Modified/

Bulletin Name Deleted

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

N/A

Dialogs Associated:

 New/Modified/

Dialog Name Deleted

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

N/A

Forms Associated:

 New/Modified/

Form Name File Name (Number) Deleted

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N/A

Functions Associated:

 New/Modified/

Function Name Deleted

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

N/A

HL Logical Link:

 New/Modified/

HL Logical Name Deleted

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HCSR OUT New

IBTUPD OUT New

HL7 Application Parameters:

 New/Modified/

HL7 Parameter Name Deleted

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

IB HCSR EC New

IB HCSR VISTA New

IB TABLE UPDATE FSC New

IB TABLE UPDATE VISTA New

HLO Application Registry:

 New/Modified/

HLO Registry Name Deleted

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

N/A

Help Frames Associated:

 New/Modified/

Help Frame Name Deleted

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

N/A

Mail Groups Associated:

 New/Modified/

Mail Group Name Deleted

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

IBTR 278 MESSAGE New

IBTUPD MESSAGE New

Options Associated:

 New/Modified/

Option Name Type Deleted

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

IBT 278 CERTIFICATION run routine New

REPORT

IBT 278 DISPOSITION run routine New

REPORT

IBT 278 STATISTICAL run routine New

REPORT

IBT HCSR NIGHTLY PROCESS run routine New

IBT HCSR RESPONSE VIEW run routine New

IBT HCSR WORKLIST run routine New

IBT OUTPUT MENU menu Modified

IBT USER COMBINED menu Modified

MCCR/UR MENU

IBT USER MENU (IR) menu Modified

ZTMQUEUABLE OPTIONS menu Modified

Parameter Definitions:

 New/Modified/

Parameter Name Deleted

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

N/A

Parameter Template:

 New/Modified/

Template Name Deleted

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

N/A

Protocols Associated:

 New/Modified/

Protocol Name Deleted

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

IB TABLE UPDATE New

IB TBLUPD IN New

IBJ EXIT Modified

IBJP CLAIMS TRACKING MENU Modified

IBJP CT EDIT ALL Modified

IBJP CT GENERAL EDIT Modified

IBJP CT RANDOM SAMPLE EDIT Modified

IBJP CT TRACKING EDIT Modified

IBJP HCSR ADM INSCO ADD New

IBJP HCSR ADM INSCO DEL New

IBJP HCSR ADM INSCO EDIT New

IBJP HCSR ADM INSCO MENU New

IBJP HCSR APPT INSCO ADD New

IBJP HCSR APPT INSCO DEL New

IBJP HCSR APPT INSCO EDIT New

IBJP HCSR APPT INSCO MENU New

IBJP HCSR CLINIC ADD New

IBJP HCSR CLINIC ADD PAYER New

IBJP HCSR CLINIC DEL New

IBJP HCSR CLINIC DEL PAYER New

IBJP HCSR CLINICS EDIT New

IBJP HCSR CLINICS MENU New

IBJP HCSR OTHER EDIT New

IBJP HCSR PARAMETERS EDIT New

IBJP HCSR PARAMETERS MENU New

IBJP HCSR WARD ADD New

IBJP HCSR WARD ADD PAYER New

IBJP HCSR WARD DEL New

IBJP HCSR WARD DEL PAYER New

IBJP HCSR WARDS EDIT New

IBJP HCSR WARDS MENU New

IBT HCSR ADD COMMENT New

IBT HCSR ADD COMMENT WORKLIST New

IBT HCSR COPY 278 REQUEST New

IBT HCSR ENTRY MENU New

IBT HCSR EXPAND ENTRY New

IBT HCSR IN PROGRESS EE REM New

IBT HCSR IN PROGRESS EE SET New

IBT HCSR IN PROGRESS REM New

IBT HCSR IN PROGRESS SET New

IBT HCSR LIST DEL New

IBT HCSR LIST SORT New

IBT HCSR MANUAL 278 REQUEST New

IBT HCSR NEXT REVIEW New

IBT HCSR REFRESH New

IBT HCSR RESPONSE EDIT New

IBT HCSR RESPONSE EE SEND278 New

IBT HCSR RESPONSE EXPAND ENTRY New

IBT HCSR RESPONSE IN PROGRESS EE REM New

IBT HCSR RESPONSE IN PROGRESS EE SET New

IBT HCSR RESPONSE IN PROGRESS REM New

IBT HCSR RESPONSE IN PROGRESS SET New

IBT HCSR RESPONSE LIST DEL New

IBT HCSR RESPONSE LIST SORT New

IBT HCSR RESPONSE MENU New

IBT HCSR RESPONSE NEXT REVIEW New

IBT HCSR RESPONSE REFRESH New

IBT HCSR RESPONSE VIEW MENU New

IBT HCSR SEND 278 ADD DATA New

IBT HCSR SEND 278 INQUIRY New

IBT HCSR SEND 278 REQUEST New

IBT HCSR SEND 278 REQUEST SHORT New

IBT HCSR SEND 278 SHORT New

IBT HCSR SEND 278 SHORT MENU New

IBT HCSR VIEW PENDING RESPONSE New

IBT HCSR VIEW X12 MESSAGE New

IBT HCSR WORKLIST MENU New

IBTR HCSR IN New

IBTR HCSR INQUIRY New

IBTR HCSR OUT New

IBTR HCSR RESPONSE New

VALM BLANK 1 Modified

VALM BLANK 2 Modified

Remote Procedures Associated:

 New/Modified/

Remote Procedure Name Deleted

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

N/A

Security Keys Associated:

 New/Modified/

Security Key Name Deleted

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IB HCSR PARAM EDIT New

Templates, Input Associated:

 New/Modified/

Template Name Type File Name (Number) Deleted

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

IB ADD/EDIT 278 Input HCS REVIEW TRANSMISSION New

 (#356.22)

IB CREATE 278 Input HCS REVIEW TRANSMISSION New

REQUEST (#356.22)

IB CREATE 278 Input HCS REVIEW TRANSMISSION New

REQUEST SHORT (#356.22)

Templates, List Associated:

 New/Modified/

Template Name Type Deleted

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

IBJP CLAIMS List Modified

TRACKING

IBJP HCSR ADM List New

INSCO

IBJP HCSR APPT List New

INSCO

IBJP HCSR CLINICS List New

IBJP HCSR List New

PARAMETERS

IBJP HCSR WARDS List New

IBT CLAIMS List Modified

TRACKING EDITOR

IBT List Modified

COMMUNICATIONS

EDITOR

IBT HCSR ENTRY List New

IBT HCSR RESPONSE List New

VIEW

IBT HCSR RESPONSE List New

WORKLIST

IBT HCSR SEND 278 List New

SHORT

IBT HCSR WORKLIST List New

Templates, Print Associated:

 New/Modified/

Template Name Type File Name (Number) Deleted

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

N/A

Templates, Sort Associated:

 New/Modified/

Template Name Type File Name (Number) Deleted

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

N/A

New Service Requests (NSRs)

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20110503 - Electronic Data Interchange (EDI) New Standards and Operating

 Rules (Veterans Health Administration) VHA Provider-Side

 Technical Compliance Requirements (TCRs)

20140414 - Medical Care Collection Fund (MCCF) eBilling Compliance Phase 3

Defect Tracking System Ticket(s) & Overview

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N/A

Test Sites:

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REDACTED

## Pre/Post Installation Overview

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The post installation routine, IBY517PO, sets up defaults for the new IB

SITE PARAMETERS (#350.9) fields, and the routine is automatically deleted

after the install. The post install also schedules the HCSR NIGHTLY

PROCESS [IBT HCSR NIGHTLY PROCESS].

## Installation Instructions

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

This patch may be installed with users on the system although it is

recommended that it be installed during non-peak hours to minimize

potential disruption to users. Installation may be queued.

This patch should take less than 5 minutes to install.

Installation Instructions

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1. Choose the PackMan message containing this patch, IB\*2.0\*517.

2. Choose the INSTALL/CHECK MESSAGE PackMan option.

3. From the Kernel Installation and Distribution System Menu, select

 the Installation Menu. From this menu, you may elect to use the

 following options. When prompted for the INSTALL enter the patch #(ex.

 IB\*2.0\*517):

 a. Backup a Transport Global - This option will create a backup

 message of any routines exported with this patch. It will not

 backup any other changes such as DD's or templates.

 b. Compare Transport Global to Current System - This option will

 allow you to view all changes that will be made when this patch

 is installed. It compares all components of this patch

 (routines, DD's, templates, etc.).

 c. Verify Checksums in Transport Global - This option will allow

 you to ensure the integrity of the routines that are in the

 transport global.

4. From the Installation Menu, select the Install Package(s) option and

 choose the patch to install.

5. When prompted 'Enter the Coordinator for the Mail Group 'IBTR 278

 MESSAGE':', respond with the name of the person who will be the

 coordinator for this new mail group. This would be the Information

 Resource Management (IRM) representative or person responsible

 for HL7 issues.

6. When prompted 'Enter the Coordinator for the Mail Group 'IBTUPD

 MESSAGE':', respond with the name of the person who will be the

 coordinator for this new mail group. This would be the IRM or person

 responsible for HL7 issues.

7. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of

 Install? YES//', respond YES.

8. When prompted 'Want KIDS to INHIBIT LOGONs during the install?

 NO//', respond NO.

9. When prompted 'Want to DISABLE Scheduled Options, Menu Options,

 and Protocols? NO//', respond NO.

10. If prompted "Delay Install (Minutes): (0 - 60): 0// respond 0.

Post-Installation Instructions

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

Once the installation has been completed, it might be necessary to

change the scheduled time of the new HCSR NIGHTLY PROCESS [IBT HCSR

NIGHTLY PROCESS], which sends inquiries on pending entries and purges old

entries, to run at a more convenient time. It is initially set to run

daily at 9PM.

If installing into a production account, enable the logical links for the

HL7 interfaces.

1. From the HL7 Main Menu [HL MAIN MENU], select Filer and Link

 Management Options [HL MENU FILER LINK MGT].

2. Select Start/Stop Links [HL START].

3. When prompted to "Select HL LOGICAL LINK NODE:" enter "HCSR OUT"

 and press ENTER.

4. The system will display "This LLP has been enabled!" to confirm

 that the HCSR OUT link has successfully started.

5. Repeat with HL LOGICAL LINK "IBTUPD OUT"

There is one new Security Key, IB HCSR PARAM EDIT. Assignment

of this Security Key will be coordinated with eBilling, CPAC and VAMCs.

IRMs will not have to assign the security key upon installation.

The person that is assigned this new Security Key will need to run menu

option IBJ MCCR SITE PARAMETERS [MCCR Site Parameter Display/Edit] and

select the 'HS' action to add the Insurance Companies, Clinics, and Wards

that are to be 'included' in the search.

NOTE: If Insurance Companies to be included are not set, then the

nightly process will not find any appointments or admission to add to

the HCSR Worklist. At this point, no insurance companies should be set.

eBilling will work with VAMCs to set TRICARE/CHAMPVA at some point in the

future.

Routine Information:

====================

The second line of each of these routines now looks like:

 ;;2.0;INTEGRATED BILLING;\*\*[Patch List]\*\*;21-MAR-94;Build 240

The checksums below are new checksums, and

 can be checked with CHECK1^XTSUMBLD.

Routine Name: IBCNS4

 Before: n/a After: B3702577 \*\*517\*\*

Routine Name: IBJPC

 Before: B14718227 After: B34128004 \*\*39,517\*\*

Routine Name: IBJPC1

 Before: n/a After:B109463109 \*\*517\*\*

Routine Name: IBJPC2

 Before: n/a After: B18114113 \*\*517\*\*

Routine Name: IBJPC3

 Before: n/a After: B14208611 \*\*517\*\*

Routine Name: IBJPM

 Before: B10881232 After: B11156673 \*\*39,137,184,271,316,416,438,517\*\*

Routine Name: IBMFNHLI

 Before: n/a After:B107548431 \*\*517\*\*

Routine Name: IBTRH1

 Before: n/a After:B195054371 \*\*517\*\*

Routine Name: IBTRH1A

 Before: n/a After:B221868988 \*\*517\*\*

Routine Name: IBTRH1B

 Before: n/a After: B30643582 \*\*517\*\*

Routine Name: IBTRH2

 Before: n/a After:B142856464 \*\*517\*\*

Routine Name: IBTRH2A

 Before: n/a After:B101621694 \*\*517\*\*

Routine Name: IBTRH2B

 Before: n/a After: B4869140 \*\*517\*\*

Routine Name: IBTRH3

 Before: n/a After:B110798316 \*\*517\*\*

Routine Name: IBTRH3A

 Before: n/a After:B156802114 \*\*517\*\*

Routine Name: IBTRH3B

 Before: n/a After:B148426620 \*\*517\*\*

Routine Name: IBTRH5

 Before: n/a After:B229496459 \*\*517\*\*

Routine Name: IBTRH5A

 Before: n/a After:B142025931 \*\*517\*\*

Routine Name: IBTRH5B

 Before: n/a After:B121449376 \*\*517\*\*

Routine Name: IBTRH5C

 Before: n/a After:B109276107 \*\*517\*\*

Routine Name: IBTRH5D

 Before: n/a After:B177666961 \*\*517\*\*

Routine Name: IBTRH5E

 Before: n/a After:B137475866 \*\*517\*\*

Routine Name: IBTRH5F

 Before: n/a After:B134425924 \*\*517\*\*

Routine Name: IBTRH5G

 Before: n/a After: B92609469 \*\*517\*\*

Routine Name: IBTRH5H

 Before: n/a After: B25009378 \*\*517\*\*

Routine Name: IBTRH5I

 Before: n/a After:B233667896 \*\*517\*\*

Routine Name: IBTRH5J

 Before: n/a After:B115879805 \*\*517\*\*

Routine Name: IBTRH5K

 Before: n/a After: B41363452 \*\*517\*\*

Routine Name: IBTRH6

 Before: n/a After:B163678664 \*\*517\*\*

Routine Name: IBTRH7

 Before: n/a After: B41208064 \*\*517\*\*

Routine Name: IBTRH8

 Before: n/a After:B196836390 \*\*517\*\*

Routine Name: IBTRH8A

 Before: n/a After:B120085680 \*\*517\*\*

Routine Name: IBTRHDE

 Before: n/a After:B135940675 \*\*517\*\*

Routine Name: IBTRHDE1

 Before: n/a After: B5388716 \*\*517\*\*

Routine Name: IBTRHLI

 Before: n/a After: B2260238 \*\*517\*\*

Routine Name: IBTRHLI1

 Before: n/a After: B11775197 \*\*517\*\*

Routine Name: IBTRHLI2

 Before: n/a After:B196116381 \*\*517\*\*

Routine Name: IBTRHLI3

 Before: n/a After:B185121370 \*\*517\*\*

Routine Name: IBTRHLO

 Before: n/a After:B150899426 \*\*517\*\*

Routine Name: IBTRHLO1

 Before: n/a After:B184271063 \*\*517\*\*

Routine Name: IBTRHLO2

 Before: n/a After: B22869624 \*\*517\*\*

Routine Name: IBTRHLU

 Before: n/a After: B3594614 \*\*517\*\*

Routine Name: IBTRHRC

 Before: n/a After:B203075385 \*\*517\*\*

Routine Name: IBTRHRD

 Before: n/a After:B116950528 \*\*517\*\*

Routine Name: IBTRHRS

 Before: n/a After:B158405913 \*\*517\*\*

Routine Name: IBTRP

 Before: B4755209 After: B8798598 \*\*517\*\*

Routine Name: IBTUTL

 Before: B16901114 After: B52307998 \*\*23,62,517\*\*

Routine Name: IBTUTL1

 Before: B60382231 After: B61280810 \*\*13,223,249,292,384,517\*\*

Routine Name: IBY517PO

 Before: n/a After: B30255307 \*\*517\*\*

Routine Name: IBY517PR

 Before: n/a After: B911220 \*\*517\*\*

Routine list of preceding patches: 62, 384, 438

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# Backout and Rollback Procedures

## Overview of Backout and Rollback Procedures

The rollback plan for VistA applications is complex and not able to be a “one size fits all.” The general strategy for VistA rollback is to repair the code with a follow-up patch. The development team recommends that sites log a Defect Tracking System ticket if it is a nationally released patch; otherwise, the site should contact the Enterprise Program Management Office (EPMO) team directly for specific solutions to their unique problems.

## Backout Procedure

During the VistA Installation Procedure of the KIDS build, the installer can back up the modified routines using the ‘Backup a Transport Global’ action. The installer can restore the routines using the MailMan message that were saved prior to installing the patch. The backout procedure for global, data dictionary and other VistA components is more complex and will require issuance of a follow-up patch to ensure all components are properly removed. All software components (routines and other items) must be restored to their previous state at the same time and in conjunction with restoration of the data. This backout may need to include a database cleanup process.

Please contact the Enterprise Program Management Office (EPMO) team for assistance if the installed patch that needs to be backed out contains anything at all besides routines before trying to backout the patch. If the installed patch that needs to be backed out includes a pre or post install routine please contact the Enterprise Program Management Office (EPMO) team before attempting the backout.

From the Kernel Installation and Distribution System Menu, select

the Installation Menu. From this menu, you may elect to use the

following options. When prompted for the INSTALL enter the patch #(ex.

IB\*2.0\*517):

 a. Backup a Transport Global - This option will create a backup

 message of any routines exported with this patch. It will not

 backup any other changes such as DD's or templates.

## Rollback Procedure

The rollback procedure for VistA patches is complicated and may require a follow-up patch to fully roll back to the pre-patch state. This is due to the possibility of Data Dictionary updates, Data updates, cross references, and transmissions from VistA to offsite data stores.

Please contact the product development team for assistance if needed.

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# Enhancements

The following features in VistA, Integrated Billing are affected by this effort:

## System Feature: 278X217 – Health Care Services Review – Creation and Transmission of Request

Create and transmit Accredited Standards Committee (ASC) X12N 5010 Health Care Services Review - Request for Review and Response (278X217) transactions to the Financial Services Center (FSC).

## System Feature: 278X217 – Health Care Services Review – Receiving, Storing and Displaying of Response

Receive, store and display ASC X12N 5010 Health Care Services Review - Request for Review and Response (278X217) transactions that come back from payers.

## System Feature: 278X215 – Health Care Services Review – Creation and Transmission of Inquiry and Response

Create and transmit ASC X12N 5010 Health Care Services Review - Inquiry and Response (278X215) transaction to FSC for a previously submitted ASC X12N 5010 Health Care Services Review - Request for Review and Response (278X217) request once an ASC X12N 5010 Health Care Services Review - Request for Review and Response (278x217) transaction returns with a pending status.

## System Feature: 278X215 – Health Care Services Review – Receiving, Storing and Displaying of Inquiry and Response

Receive, store and display ASC X12N 5010 Health Care Services Review - Inquiry and Response (278X215) transactions that return from payers.

## System Feature: Create New Claims Tracking Site Parameters

Create new claims tracking site parameters [IBJ MCCR SITE PARAMETERS] for the search of the appointments and the admissions.

## System Feature: Create New Security Keys

Create new security key [IB HCSR PARAM EDIT] to add/edit claims tracking site parameters.

## System Feature: Create New Health Care Services Review Worklist

Create a new worklist [IBT HCSR WORKLIST] for future appointments, future admissions, past appointments and past admissions based on site parameters.

## System Feature: Create a Health Care Services Review Worklist Trigger to Request for Review and Response

Provide the ability to trigger ASC X12N 5010 Health Care Services Review - Request for Review and Response (278X217) transaction from the worklist.

## System Feature: Create a Health Care Services Review Worklist Trigger to Request for Inquiry and Response

Provide the ability to trigger ASC X12N 5010 Health Care Services Review - Inquiry and Response (278X215) transaction from the worklist.

## System Feature: 278 Health Care Services Review – Worklist – Add Entry

Provide the ability for users to add an entry to the HCSR Worklist.

## System Feature: 278 Health Care Services Review – Worklist – Deletion Reason

Provide the ability for users to add a reason for the deletion of an entry on the HSCR Worklist.

##  System Feature: 278 Health Care Services Review - Worklist

Provide the ability for users to choose between deleting data or saving data when they exit before completing an X12N Health Care Service Review request (278X217) transaction.

## System Feature: 278 Health Care Services Review - Worklist – View Request

Provide the ability to view the data [IBT HCSR RESPONSE VIEW] that was transmitted in an ASC X12N Health Care Services Review-Request (278) transactions.

## System Feature: Create Health Care Services Review Response Worklist

Create a Response worklist [IBT HCSR WORKLIST] of 278 response messages received for all ASC X12N 5010 Health Care Services Review -Request for Review and Response (278x217) and all ASC X12N 5010 Health Care Services Review - Inquiry and Response (278x215) messages submitted.

## System Feature: Automatically add the Authorization Number(s) to Claims

Provide the ability to automatically add the authorization number(s) to claims.

## System Feature: Claims Tracking - Insurance Review - Authorizations

Provide the ability to automatically add an Authorization Number that is received in an Health Care Service Review response (278X217) transaction to the Insurance Review for a Claims Tracking event at the following times:

\* When the final 278 is received if the billable event already exists in Claims Tracking.

\* When the billable event is added to Claims Tracking if the Authorization Number was received prior to the event being added to Claims Tracking.

## System Feature: 278 Health Care Services Review – Reports (278x217)

Provide statistical reporting of the ASC X12N Health Care Services Review-Request for Review and Response (278x217) transactions.

## Systems Feature: 278 Health Care Services Review – Reports (278x215)

Provide statistical reporting of the ASC X12N Health Care Services Review-Inquiry for Review and Response (278x215) transactions.

## System Feature: 278 Health Care Services Review - Table Maintenance – Payer IDs

Provide the ability to send the 278 Payer IDs to be used for ASC X12N Health Care Services Review-Request for Review and Response (278) transactions if available.

## System Feature: 278 Health Care Services Review - Table Maintenance – Code Sets

Provide the ability to add industry standard codes that are used for ASC X12N Health Care Services Review-Request for Review and Response (278) transactions.