

ePharmacy

**PHASE VI**

**Integrated Billing (IB)**

**RELEASE NOTES**

IB\*2\*452

February 2012

Department of Veterans Affairs

Office of Enterprise Development

**Table of Contents**

[1. Introduction 1](#_Toc315963165)

[1.1. Documentation Distribution 1](#_Toc315963166)

[2. Patch Description and Installation Instructions 3](#_Toc315963167)

[2.1. Patch Description 3](#_Toc315963168)

[2.2. Pre/Post Installation Overview 6](#_Toc315963169)

[2.3. Installation Instructions 7](#_Toc315963170)

[3. Enhancements 13](#_Toc315963171)

[3.1. Technical Modifications 13](#_Toc315963172)

[3.1.1 IB Billing Determination API 13](#_Toc315963173)

[3.1.2 New Reason Not Billable 13](#_Toc315963174)

[3.1.3 Changes to ECME Billing Events Report 13](#_Toc315963175)

[3.1.4 Bill Creation for Duplicate ECME Response 13](#_Toc315963176)

[3.1.5 Inclusion of ECME# in Existing Displays 13](#_Toc315963177)

[3.1.6 New Fields and Prompts in Existing Options 13](#_Toc315963178)

[3.1.7 New Claims Tracking Reason Not Billable 13](#_Toc315963179)

[3.2. Issue Resolutions 13](#_Toc315963180)

[3.2.1 New Service Requests (NSR) 13](#_Toc315963181)

[3.2.2 Remedy Tickets 14](#_Toc315963182)

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

# Introduction

This patch has enhancements that extend the capabilities of the Veterans Health Information Systems and Technology Architecture (VistA) electronic pharmacy (ePharmacy) billing system. Below is a list of all the applications involved in this project along with their patch number:

APPLICATION/VERSION PATCH

Outpatient Pharmacy (OP) V. 7.0 PSO\*7\*385

Integrated Billing (IB) V. 2.0 IB\*2\*452

Electronic Claims Management Engine (ECME) V. 1.0 BPS\*1\*11

Consolidated Mail Outpatient Pharmacy (CMOP) V. 2.0 PSX\*2\*73

The following associated patches must be installed before proceeding:

* (v) IB\*2\*399 <<= must be installed BEFORE ‘IB\*2\*452’.
* (v) IB\*2\*432 <<= must be installed BEFORE ‘IB\*2\*452’.
* (v) IB\*2\*438 <<= must be installed BEFORE `IB\*2\*452'.
* (v) IB\*2\*455 <<= must be installed BEFORE `IB\*2\*452'.

The patches (PSO\*7\*385, IB\*2\*452, BPS\*1\*11, and PSX\*2\*73) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB PSX BUNDLE 7.0.

The purpose of this software package is to maintain compliance with legislative and federal mandates and to address and correct gaps and inefficiencies in the current electronic pharmacy billing processes. This will ultimately increase revenues collected by VA Medical Centers and

outpatient pharmacies by reducing the volume of short pays and payment denials.

All pharmacy claims for payers that are processed electronically are compliant with the current industry standards. This software adds support for the electronic billing of the Health Administration Center (HAC) CHAMPVA payer in order to provide an automated process and to prevent manual workarounds for CHAMPVA.

## Documentation Distribution

The documentation distribution includes:

    FILE NAME                         DESCRIPTION

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

 IB\_2\_0\_P452\_RN.PDF IB Release Notes (IB\*2.0\*452)

 IB\_2\_0\_P452\_TM.PDF IB Technical Manual/Security Guide

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

# Patch Description and Installation Instructions

## Patch Description

VistA Patch Display Page: 1

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

Run Date: JAN 19, 2012 Designation: IB\*2\*452

Package : INTEGRATED BILLING Priority : MANDATORY

Version : 2 Status : RELEASED

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

Associated patches: (v)IB\*2\*399 <<= must be installed BEFORE `IB\*2\*452'

 (v)IB\*2\*432 <<= must be installed BEFORE `IB\*2\*452'

 (v)IB\*2\*438 <<= must be installed BEFORE `IB\*2\*452'

 (v)IB\*2\*455 <<= must be installed BEFORE `IB\*2\*452'

Subject: EPHARMACY PHASE 6

Category: DATA DICTIONARY

 ROUTINE

 ENHANCEMENT

 INPUT TEMPLATE

 OTHER

Description:

===========

This patch has enhancements that extend the capabilities of the Veterans

Health Information Systems and Technology Architecture (VistA) electronic

pharmacy (ePharmacy) billing system. Below is a list of all the

applications involved in this project along with their patch number:

 APPLICATION/VERSION PATCH

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

 OUTPATIENT PHARMACY (OP) V. 7.0 PSO\*7\*385

 INTEGRATED BILLING (IB) V. 2.0 IB\*2\*452

 ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0 BPS\*1\*11

 CONSOLIDATED MAIL OUTPATIENT PHARMACY (CMOP) V. 2.0 PSX\*2\*73

The patches (PSO\*7\*385, IB\*2\*452, BPS\*1\*11, and PSX\*2\*73) are being released

in the Kernel Installation and Distribution System (KIDS) multi-build

distribution BPS PSO IB PSX BUNDLE 7.0.

The purpose of this software package is to maintain compliance with

legislative and federal mandates and to address and correct gaps and

inefficiencies in the current electronic pharmacy billing processes. This

will ultimately increase revenues collected by VA Medical Centers and

outpatient pharmacies by reducing the volume of short pays and payment

denials.

All pharmacy claims for payers that are processed electronically are

compliant with the current industry standards. This software adds support

for the electronic billing of the Health Administration Center (HAC) CHAMPVA

payer in order to provide an automated process and to prevent manual

workarounds for CHAMPVA.

This specific patch contains the following functionality:

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

 1. Add IB support for CHAMPVA ePharmacy insurance and CHAMPVA patient

 eligibility, and process CHAMPVA ePharmacy prescriptions using the

 CHAMPVA rate type.

 2. Add a new Claims Tracking Reason Not Billable (RNB) for CHAMPVA,

 inpatient prescriptions.

 3. Enhance the ECME Billing Events Report option [IB ECME BILLING EVENTS] as

 follows:

 a. Add patient eligibility (VETERAN, TRICARE, CHAMPVA)

 b. Display the NCPDP quantity and units when available and also the

 Billed quantity and units

 c. Display a break-out of all fees and costs associated with each

 prescription

 d. Display a break-out of the payer-reported amounts paid in the ECME

 response for each prescription

 4. Create a bill in IB and AR when a DUPLICATE ECME response is received and

 only when a non-cancelled bill with the same Rx#, fill#, and payer

 sequence doesn't already exist.

 5. Add the display of the ECME# to several existing reports, screens, and

 MailMan messages that currently only show the Rx#.

 6. Add fields and prompts for the Pharmacy Relationship Code and for the

 Pharmacy Person Code in both the Process Insurance Buffer [IBCN INSURANCE

 BUFFER PROCESS] option and in the Patient Insurance Info View/Edit [IBCN

 PATIENT INSURANCE] option.

 7. Add a new Claims Tracking Reason Not Billable (RNB) for

 Auto-Reversals for Inpatient Prescriptions. Previous to this patch,

 the RNB for this situation was being filed by the system as OTHER.

Patch Components

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

Files & Fields Associated:

File Name (#) New/Modified/

 Sub-File Name (#) Field Name (#) Deleted

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

PATIENT (#2)

 INSURANCE TYPE sub-file (#2.312)

 PHARMACY RELATIONSHIP CODE (#4.05) New

 PHARMACY PERSON CODE (#4.06) New

INSURANCE BUFFER (#355.33)

 PHARMACY RELATIONSHIP CODE (#60.15) New

 PHARMACY PERSON CODE (#60.16) New

PLAN (#366.03)

 TYPE (#.05) Modified

IB NCPDP EVENT LOG (#366.14)

 EVENT sub-file (#366.141)

 BCID (#.12) Modified

 DATE OF SERVICE (#.206) Modified

 RELEASE DATE (#.207) Modified

 QTY (#.208) Modified

 BILLING UNITS (#.213) New

 NCPDP QTY (#.214) New

 NCPDP UNITS (#.215) New

 COPAY AMOUNT (#.311) Modified

 INGREDIENT COST PAID (#.312) New

 DISPENSING FEE PAID (#.313) New

 PATIENT RESPONSIBILITY (INS) (#.314) New

 ELIGIBILITY (#7.05) New

 INSURANCE sub-file (#366.1412)

 PHARMACY PERSON CODE (#.09) New

 INGREDIENT COST (#.206) New

 USUAL AND CUSTOMARY CHARGE (#.207) New

 PT INSURANCE POLICY (#.304) New

Forms Associated:

Form Name File # New/Modified/Deleted

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

N/A

Mail Groups Associated:

Mail Group Name New/Modified/Deleted

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

N/A

Options Associated:

Option Name Type New/Modified/Deleted

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

N/A

Protocols Associated:

Protocol Name New/Modified/Deleted

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

IBJ EXIT Modified

IBJT ECME RESP INFO MENU Modified

IBJT VIEW ECME RX New

Security Keys Associated:

Security Key Name

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

N/A

Templates Associated:

Template Name Type File Name (Number) New/Modified/Deleted

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

IBCN PATIENT INSURANCE INPUT PATIENT (#2) Modified

Additional Information:

New Service Requests (NSRs)

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

Request Name: ePharmacy Claims Phase 6 (FY10)

 Request ID: 20090215

Patient Safety Issues (PSIs)

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

N/A

Remedy Ticket(s) & Overview

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

N/A

Test Sites:

----------

Birmingham

Loma Linda

Phoenix

Richmond

Documentation Retrieval Instructions

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

Updated documentation describing the new functionality introduced by this

patch is available.

The preferred method is to FTP the files from

REDACTED This transmits the files from the first

available FTP server. Sites may also elect to retrieve software directly from

a specific server as follows:

 Albany REDACTED REDACTED

 Hines REDACTED REDACTED

 Salt Lake City REDACTED REDACTED

Documentation can also be found on the VA Software Documentation Library at:

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

Title File Name FTP Mode

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

IB Release Notes (IB\*2.0\*452) IB\_2\_0\_P452\_RN.PDF Binary

IB Technical Manual/Security Guide IB\_2\_0\_P452\_TM.PDF Binary

## Pre/Post Installation Overview

There is a post-install routine associated with this patch named IBY452PO.

The purpose of the post-install routine is to create one new entry in the

CLAIMS TRACKING NON-BILLABLE REASONS file (#356.8). The new entry is named

CHAMPVA INPATIENT/DISCHARGE and it is automatically used by the IB billing

determination process when processing a CHAMPVA, inpatient prescription.

These prescriptions are non-billable.

The post-install routine is automatically deleted by the system if allowed by

your Kernel site parameters configuration. You may delete routine

IBY452PO if the installation was successful and it is not automatically

deleted by KIDS.

## Installation Instructions

This patch should take up to 20 minutes to install.

DO NOT QUEUE the installation of this patch.

To avoid disruptions, these patches should be installed during non-peak

hours when there is minimal activity on the system. Avoid times when ECME

claims are being transmitted. Of particular concern would be the options

below.

 1. BPS NIGHTLY BACKGROUND JOB [BPS NIGHTLY BACKGROUND JOB]

 Do not install the patch when ECME claims are being generated

 by the BPS Nightly Background Job option. Wait for this job to

 finish or complete the installation before this job starts.

 2. Scheduled CS Transmission [PSXR SCHEDULED CS TRANS] and

 Scheduled Non-CS Transmission [PSXR SCHEDULED NON-CS TRANS]

 Do not install the patch when prescriptions are being transmitted

 to CMOP. Wait for the CMOP transmissions to finish or complete the

 installation before the transmissions start. Both the CS

 (Controlled Substances) and the non-CS CMOP transmission options

 should be checked. Check with Pharmacy Service or your Pharmacy

 ADPAC to find out when CMOP transmissions occur.

 \*\*\*\*\* IMPORTANT INSTALLATION NOTES \*\*\*\*\*

This patch bundle is changing the name of File #52.87. The current name of

this file is 'PSO TRICARE AUDIT LOG'. The new name of this file is 'PSO AUDIT

LOG'. During the patch installation you will see the following information

presented to the screen:

 52.87 PSO AUDIT LOG

 \*BUT YOU ALREADY HAVE 'PSO TRICARE AUDIT LOG' AS FILE #52.87!

 Shall I write over your PSO TRICARE AUDIT LOG File? YES//

Please accept the default answer of YES to this question.

You will also be prompted to enter the coordinator for the new BPS CHAMPVA

mail group. Prior to installation, please contact your Medical Care Cost

Recovery (MCCR) business department (Facility Revenue Manager) to

determine who will be the coordinator for this new mail group. The users

in this mail group will receive bulletins related to the processing of

CHAMPVA electronic claims. After the patch is installed, members can be

added to the mail group by using the Mail Group Edit [XMEDITMG] option.

Pre-Installation Instructions

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

1. OBTAIN PATCHES

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

 Obtain the host file BPS\_1\_11\_PSO\_IB\_PSX.KID, which contains the

 following patches:

 BPS\*1.0\*11

 PSO\*7.0\*385

 IB\*2.0\*452

 PSX\*2.0\*73

 Sites can retrieve VistA software from the following FTP addresses.

 The preferred method is to FTP the files from:

 REDACTED

 This will transmit the files from the first available FTP server.

 Sites may also elect to retrieve software directly from a specific

 server as follows:

 Albany REDACTED

 Hines REDACTED

 Salt Lake City REDACTED

 The BPS\_1\_11\_PSO\_IB\_PSX.KID host file is located in the

 anonymous.software directory. Use ASCII Mode when downloading the

 file.

2. START UP KIDS

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

 Start up the Kernel Installation and Distribution System Menu option

 [XPD MAIN]:

 Edits and Distribution ...

 Utilities ...

 Installation ...

 Select Kernel Installation & Distribution System Option: INStallation

 ---

 Load a Distribution

 Print Transport Global

 Compare Transport Global to Current System

 Verify Checksums in Transport Global

 Install Package(s)

 Restart Install of Package(s)

 Unload a Distribution

 Backup a Transport Global

 Select Installation Option:

3. LOAD TRANSPORT GLOBAL FOR MULTI-BUILD

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

 From the Installation menu, select the Load a Distribution option.

 When prompted for "Enter a Host File:", enter the full directory path

 where you saved the host file BPS\_1\_11\_PSO\_IB\_PSX.KID (e.g.,

 SYS$SYSDEVICE:[ANONYMOUS]BPS\_1\_11\_PSO\_IB\_PSX.KID).

 When prompted for "OK to continue with Load? NO//", enter "YES."

 The following will display:

 Loading Distribution...

 BPS PSO IB PSX BUNDLE 7.0

 BPS\*1.0\*11

 PSO\*7.0\*385

 IB\*2.0\*452

 PSX\*2.0\*73

 Use INSTALL NAME: BPS PSO IB PSX BUNDLE 7.0 to install this

 Distribution.

4. RUN OPTIONAL INSTALLATION OPTIONS FOR MULTI-BUILD

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

 From the Installation menu, you may select to use the following

 options (when prompted for the INSTALL NAME, enter

 BPS PSO IB PSX BUNDLE 7.0):

 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.

5. INSTALL MULTI-BUILD

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

 This is the step to start the installation of this KIDS patch. This

 will need to be run for the BPS PSO IB PSX BUNDLE 7.0.

 a. Choose the Install Package(s) option to start the patch

 install.

 b. When prompted for the "Select INSTALL NAME:", enter BPS PSO IB

 PSX BUNDLE 7.0.

 c. When prompted to "Enter the Coordinator for Mail Group 'BPS

 CHAMPVA':", please respond with the appropriate person.

 d. When prompted "Shall I write over your PSO TRICARE AUDIT LOG File?

 YES//", please accept the default of YES in order to change the name

 of this file as instructed above.

 e. When prompted "Want KIDS to Rebuild Menu Trees Upon Completion of

 Install? YES//", enter YES unless your system does this in a nightly

 TaskMan process.

 f. When prompted "Want KIDS to INHIBIT LOGONs during the install?

 YES//", enter NO.

 g. When prompted " Want to DISABLE Scheduled Options, Menu Options,

 and Protocols? NO//", enter NO.

 h. When prompted "Device: HOME//", respond with the correct device

 but do not queue this install.

Post-Installation Instructions

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

N/A

Routine Information:

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

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

;;2.0;INTEGRATED BILLING;\*\*[Patch List]\*\*;21-MAR-94;Build 26

The checksums below are new checksums, and

 can be checked with CHECK1^XTSUMBLD.

Routine Name: IBCC1

 Before: B52622675 After: B54745451 \*\*19,95,160,159,320,347,377,399,452\*\*

Routine Name: IBCNBCD

 Before: B85841141 After: B87228703 \*\*82,251,361,371,416,438,452\*\*

Routine Name: IBCNBEE

 Before: B46140166 After: B46620313 \*\*82,184,252,251,356,361,371,

 377,416,438,452\*\*

Routine Name: IBCNBLE

 Before: B79037653 After: B85092127 \*\*82,231,184,251,371,416,435,452\*\*

Routine Name: IBCNBMI

 Before: B88135696 After: B90850379 \*\*82,184,246,251,299,345,361,

 371,413,416,438,452\*\*

Routine Name: IBCNRDV

 Before: B66590171 After: B68041959 \*\*214,231,361,371,452\*\*

Routine Name: IBCNRE4

 Before: B31384444 After: B30785687 \*\*251,435,452\*\*

Routine Name: IBCNSP01

 Before: B33683555 After: B38322308 \*\*43,52,85,251,371,377,416,452\*\*

Routine Name: IBJDF5

 Before: B27507847 After: B27986612 \*\*123,185,240,452\*\*

Routine Name: IBJDF51

 Before: B57917669 After: B57886181 \*\*123,185,240,356,452\*\*

Routine Name: IBJTCA1

 Before: B52064339 After: B52613599 \*\*39,80,106,137,223,276,363,

 384,432,452\*\*

Routine Name: IBJTRX

 Before: B61346654 After: B76083313 \*\*435,452\*\*

Routine Name: IBJTU6

 Before: n/a After: B7149148 \*\*452\*\*

Routine Name: IBNCPDP

 Before: B5486206 After: B5636694 \*\*223,276,363,383,384,411,435,452\*\*

Routine Name: IBNCPDP1

 Before:B163143081 After:B197349742 \*\*223,276,339,363,383,405,384,

 411,434,437,435,455,452\*\*

Routine Name: IBNCPDP2

 Before: B72289199 After: B83475194 \*\*223,276,342,347,363,383,405,

 384,411,435,452\*\*

Routine Name: IBNCPDP3

 Before: B84836012 After: B84831779 \*\*223,276,342,363,383,384,411,

 435,452\*\*

Routine Name: IBNCPDP4

 Before: B55438909 After: B55547845 \*\*276,342,405,384,411,435,452\*\*

Routine Name: IBNCPDP5

 Before: B76631396 After: B79816493 \*\*411,452\*\*

Routine Name: IBNCPDP6

 Before: B13230978 After: B13361102 \*\*383,384,411,452\*\*

Routine Name: IBNCPDPR

 Before: B26651365 After: B3700462 \*\*276,347,384,452\*\*

Routine Name: IBNCPDPU

 Before: B95492067 After:B114125068 \*\*223,276,347,383,405,384,437,

 435,452\*\*

Routine Name: IBNCPDS1

 Before: B11093951 After: B10933965 \*\*411,452\*\*

Routine Name: IBNCPEB

 Before: B27674256 After: B27638146 \*\*276,342,347,363,452\*\*

Routine Name: IBNCPEV

 Before: B84626765 After: B94277434 \*\*342,363,383,384,411,435,452\*\*

Routine Name: IBNCPEV1

 Before: B49201751 After: B65821785 \*\*342,339,363,411,435,452\*\*

Routine Name: IBNCPIV

 Before: B54267861 After: B54224856 \*\*435,452\*\*

Routine Name: IBNCPLOG

 Before: B64598922 After: B76075004 \*\*342,339,363,383,411,435,452\*\*

Routine Name: IBNCPNB

 Before: B37701881 After: B37701881 \*\*276,342,384,452\*\*

Routine Name: IBOHDT1

 Before: B16207159 After: B18542858 \*\*70,95,347,452\*\*

Routine Name: IBOHLD2

 Before: B28331010 After: B31564132 \*\*70,95,133,153,347,452\*\*

Routine Name: IBOHPT2

 Before: B16246897 After: B19874021 \*\*70,95,347,452\*\*

Routine Name: IBRBUL

 Before: B33342361 After: B36492961 \*\*70,95,121,153,195,347,452\*\*

Routine Name: IBRREL

 Before: B25137354 After: B29208696 \*\*95,153,199,347,452\*\*

Routine Name: IBY452PO

 Before: n/a After: B3019235 \*\*452\*\*

Routine list of preceding patches: 399, 432, 438, 455

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

# Enhancements

## Technical Modifications

### 3.1.1 IB Billing Determination API

1. Add IB support for CHAMPVA ePharmacy insurance and CHAMPVA patient eligibility, and process CHAMPVA ePharmacy prescriptions using the CHAMPVA rate type.

### 3.1.2 New Reason Not Billable

1. Add a new Claims Tracking Reason Not Billable (RNB) for CHAMPVA, inpatient prescriptions.

### 3.1.3 Changes to ECME Billing Events Report

1. Enhance the ECME Billing Events Report option [IB ECME BILLING EVENTS] as follows:
* Add patient eligibility (VETERAN, TRICARE, CHAMPVA)
* Display the NCPDP quantity and units when available and also the Billed quantity and units
* Display a breakout of all fees and costs associated with each prescription
* Display a breakout of the payer-reported amounts paid in the ECME response for each prescription

### 3.1.4 Bill Creation for Duplicate ECME Response

1. Create a bill in IB and AR when a DUPLICATE ECME response is received and only when a non-cancelled bill with the same Rx#, fill#, and payer sequence doesn't already exist.

### 3.1.5 Inclusion of ECME# in Existing Displays

1. Add the display of the ECME# to several existing reports, screens, and MailMan messages that currently only show the Rx#.

### 3.1.6 New Fields and Prompts in Existing Options

1. Add fields and prompts for the Pharmacy Relationship Code and for the Pharmacy Person Code in both the Process Insurance Buffer [IBCN INSURANCE BUFFER PROCESS] option and in the Patient Insurance Info View/Edit [IBCN PATIENT INSURANCE] option.

### 3.1.7 New Claims Tracking Reason Not Billable

1. Add a new Claims Tracking Reason Not Billable (RNB) for Auto-Reversals for Inpatient Prescriptions. Previous to this patch, the RNB for this situation was being filed by the system as OTHER.

## Issue Resolutions

### 3.2.1 New Service Requests (NSR)

This patch addresses the following New Service Request (NSR):

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

Request Name: ePharmacy Claims Phase 6 (FY10)

Request ID: 20090215

### 3.2.2 Remedy Tickets

There are no Remedy Tickets associated with this patch.