

ePharmacy

**PHASE VI**

**Integrated Billing (IB)**

**RELEASE NOTES**

IB\*2\*452

February 2012

Department of Veterans Affairs

Office of Enterprise Development

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# 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)

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Request Name: ePharmacy Claims Phase 6 (FY10)

Request ID: 20090215

Patient Safety Issues (PSIs)

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N/A

Remedy Ticket(s) & Overview

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N/A

Test Sites:

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Birmingham

Loma Linda

Phoenix

Richmond

Documentation Retrieval Instructions

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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

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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

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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.