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

**Outpatient Pharmacy Data Management**

**Version 1.0**

**RELEASE NOTES/ Installation Guide/ Rollback Plan**

**PSS\*1\*192**

**August 2016**

Department of Veterans Affairs

Office of Information and Technology (OI&T)

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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\*448

 INTEGRATED BILLING (IB) V. 2.0 IB\*2\*550

 ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0 BPS\*1\*20

 CONSOLIDATED MAIL OUTPATIENT PHARMACY (CMOP) V. 2.0 PSX\*2\*79

 PHARMACY DATA MANAGEMENT (PDM) V. 1.0 PSS\*1\*192

All five of these patches are being released in the Kernel Installation and

Distribution System (KIDS) multi-build distribution.

KIDS multi-build name: BPS PSO IB PSX PSS BUNDLE 9.0

 KIDS Host File name: BPS\_1\_20\_PSO\_IB\_PSX\_PSS.KID

## Documentation and Distribution

Updated documentation describing the new functionality introduced by this

patch is 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 documentation directly using Secure File Transfer

Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory at the following OI

Field Offices:

REDACTED

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

http://www.va.gov/vdl

Title File Name Transfer Mode

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Release Notes/Installation Guide PSS\_1\_P192\_RN.PDF Binary

User Manual PSS\_1\_UM.PDF Binary

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# Patch Description and Installation Instructions

## Patch Description

VistA Patch Display Page: 1

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

Run Date: APR 21, 2016 Designation: PSS\*1\*192 TEST v16

Package : PHARMACY DATA MANAGEMENT Priority : MANDATORY

Version : 1 Status : UNDER DEVELOPMENT

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

Associated patches: (v)PSS\*1\*104 <<= must be installed BEFORE `PSS\*1\*192'

 (u)PSS\*1\*189 <<= must be installed BEFORE `PSS\*1\*192'

Subject: MCCF ePHARMACY COMPLIANCE PHASE 3

Category: ROUTINE

 OTHER

 ENHANCEMENT

 DATA DICTIONARY

 INPUT TEMPLATE

Description:

===========

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 KIDS Host File name: BPS\_1\_20\_PSO\_IB\_PSX\_PSS.KID

This specific patch contains the following functionality:

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

 1. Three new fields for ePharmacy billable assessment have been added to the

 Drug File (#50) which will be Yes/No fields:

 ePharmacy Billable (#84)

 ePharmacy Billable (TRICARE) (#85)

 ePharmacy Billable (CHAMPVA) (#86)

 The fields will be used in Integrated Billing to assess billable status

 for a prescription instead of basing assessment on the DEA, Special HDLG

 field.

 2. A new field called Sensitive Diagnosis Drug (#87) has been added to the

 Drug File (#50) which will be a Yes/No field. The field is used in

 Integrated Billing to assess sensitive diagnosis status for a

 Prescription instead of basing the assessment on the DEA, Special HDLG

 field.

 3. The system option Drug Enter/Edit [PSS DRUG ENTER/EDIT] contains prompts

 to allow the user to enter the new ePharmacy data at the main level.

 4. The help text references to "E" and "U" have been removed from the DEA,

 Special HDLG field, however, the user will still be able to enter "E" or

 "U". If the user enters an "E" or "U" in the DEA, Special HDLG field, a

 warning message is displayed indicating the values no longer have any

 ePharmacy impact and refer the user to the new fields which replace the

 "E" and "U" functionality.

 5. The option Lookup into Dispense Drug File [PSS LOOK] displays the

 following new ePharmacy values:

 ePharmacy Billable

 ePharmacy Billable (TRICARE)

 ePharmacy Billable (CHAMPVA)

 Sensitive Diagnosis Drug

 6. During the patch installation, the system populates the ePharmacy

 Billable field according to existing logic based on values in the DEA,

 Special HDLG field, and removes the "E" from the DEA, Special HDLG field.

 Also, the system populates the Sensitive Diagnosis Drug field to Yes if

 the DEA, Special HDLG field contains "U" and removes the "U" from the

 DEA, Special HDLG field.

 7. The system generates one post installation report showing the value of

 the DEA Special HDLG field before the patch is installed and the value of

 the DEA Special HDLG field after the patch is installed and the "E" and

 "U" characters are removed. The functions of both characters have been

 replaced by the new DRUG file (#50) fields to maintain consistency

 throughout the VA. A drug will only be on the report if the value for

 the DEA Special HDLG field is changed for that drug. The report also

 displays drugs that do not have any value in the DEA Special Handling

 Field.

Patch Components:

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Files & Fields Associated:

File Name (#) New/Modified/

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

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

DRUG (#50) Modified

 EPHARMACY BILLABLE (#84) New

 EPHARMACY BILLABLE (TRICARE) (#85) New

 EPHARMACY BILLABLE (CHAMPVA) (#86) New

 SENSITIVE DIAGNOSIS (#87) New

Forms Associated:

 New/Modified/

Form Name File Name (Number) Deleted

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N/A

Mail Groups Associated:

 New/Modified/

Mail Group Name Deleted

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

N/A

Options Associated:

 New/Modified/

Option Name Type Deleted

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

N/A

Protocols Associated:

 New/Modified/

Protocol Name Deleted

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

N/A

Security Keys Associated:

 New/Modified/

Security Key Name Deleted

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

N/A

Templates Associated:

 New/Modified/

Template Name Type File Name (Number) Deleted

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PSSCOMMON Input DRUG (#50) Modified

Additional Information:

N/A

New Service Requests (NSRs)

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Patient Safety Issues (PSIs)

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N/A

Defect Tracking System Ticket(s) & Overview:

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N/A

Test Sites:

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REDACTED

Documentation Retrieval Instructions

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patch is available.

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Release Notes/Installation Guide PSS\_1\_P192\_RN.PDF Binary

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## Pre/Post Installation Overview

There is a post-install routine associated with this patch named PSS192PO.

The purpose of the post-install routine is to:

 a. Examine every drug in the Drug file (#50) to determine if it is billable

 or not and if the drug is a Sensitive Diagnosis Drug or not.

 b. Set the new ePharmacy Billable field as appropriate.

 c. Set the new Sensitive Diagnosis Drug field as appropriate.

 d. Remove the "E" and "U" characters from the DEA, Special HDLG field.

 e. Identify and report all drugs with a blank DEA, Special HDLG field.

 f. Prepare and send an email message containing all of the Drug file changes

 to users who hold the PSO EPHARMACY SITE MANAGER security key.

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

your Kernel site parameters configuration. You may delete this routine if the

installation was successful and it is not automatically deleted by KIDS.

## Installation Instructions

Please see the Installation Instructions associated with patch BPS\*1.0\*20.

Routine Information:

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

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

;;1.0;PHARMACY DATA MANAGEMENT;\*\*[Patch List]\*\*;9/30/97;Build 25

The checksums below are new checksums, and

 can be checked with CHECK1^XTSUMBLD.

Routine Name: PSS192PO

 Before: n/a After:B100977929 \*\*192\*\*

Routine Name: PSS50

 Before: B20914479 After: B25607113 \*\*85,104,192\*\*

Routine Name: PSSDDUT2

 Before:B103530932 After:B173773291 \*\*3,21,61,81,95,127,126,139,

 131,143,188,189,192\*\*

Routine Name: PSSLOOK

 Before: B85846814 After: B89759845 \*\*3,7,15,16,20,24,29,38,68,61,

 87,90,127,147,170,189,192\*\*

Routine list of preceding patches: 104, 189

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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 ticket if it is a nationally released patch; otherwise, the site should contact the Enterprise Program Management Office (EPMO) 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 EPMO 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 EPMO 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 option. When prompted for the INSTALL enter the patch #.

    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, Outpatient Pharmacy Data Management are affected by this effort:

## System Feature: Drug File

The Drug File (#50) contains fields for ePharmacy billable assessment which will be Yes/No fields: ePharmacy Billable, ePharmacy Billable (TRICARE), ePharmacy Billable (CHAMPVA), and Sensitive Diagnosis Drug**.**

## System Feature: Post Installation Report

The system generates one post installation report showing the value of the DEA Special HDLG field before the patch is installed and the value of the DEA Special HDLG field after the patch is installed and the “E” and “U” characters are removed. A drug will only be on the report if the value for the DEA Special HDLG field is changed for that drug.