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

**Electronic Claims Management Engine (ECME)**

**Version 1.0**

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

**BPS\*1\*20**

**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.

## 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:

 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 Transfer Mode

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

Release Notes/Installation Guide BPS\_1\_P20\_RN.PDF Binary

User Manual BPS\_1\_UM.PDF Binary

Technical Manual/Security Guide BPS\_1\_TM.PDF Binary

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

# Patch Description and Installation Instructions

## Patch Description

VistA Patch Display Page: 1

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

Run Date: APR 21, 2016 Designation: BPS\*1\*20 TEST v16

Package : E CLAIMS MGMT ENGINE Priority : MANDATORY

Version : 1 Status : UNDER DEVELOPMENT

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

Associated patches: (v)BPS\*1\*18 <<= must be installed BEFORE `BPS\*1\*20'

 (v)BPS\*1\*19 <<= must be installed BEFORE `BPS\*1\*20'

Subject: MCCF ePHARMACY COMPLIANCE PHASE 3

Category: ROUTINE

 OTHER

 ENHANCEMENT

 DATA DICTIONARY

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:

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

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 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

This specific patch contains the following functionality:

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

 1. The CMT Add/View Comments list manager screen, within the ECME User

 screen [BPS USER SCREEN], will contain an additional action of P Add

 Pharmacy/OPECC Comment which triggers the system to prompt for a line

 number item and the comment. The date, time, and user will be recorded

 for each entry. Pharmacy comments entered will be displayed on the

 Outpatient Pharmacy Reject Information screen and the ECME User screen

 [BPS USER SCREEN].

 2. The system will allow the user to use an action that resubmits a claim

 from the ECME User screen [BPS USER SCREEN] for a non-billable TRICARE

 or CHAMPVA prescription with a pseudo-rejection of eT or eC.

 3. The ECME User Screen [BPS USER SCREEN] will display an indicator of RS

 when a claim is manually resubmitted from the ECME User Screen [BPS USER

 SCREEN]. The resubmission indicator will only be captured and displayed

 for the last transaction and an indicator may be overwritten. The Change

 View action will allow users to select Resubmission and display the ECME

 User Screen [BPS USER SCREEN] data based on the user selection.

 4. The ECME User Screen [BPS USER SCREEN] will contain a new hidden action

 with a new list manager screen called OPECC Reject Information containing

 the following actions:

 VW View Rx

 MP Medication Profile

 VER View ePharmacy Rx

 PI Patient Information

 5. The ECME User Screen [BPS USER SCREEN] will contain a new hidden action

 called RER Resubmit Claim w/o Reversal which resubmits a claim without

 doing a reversal first, regardless of the previous VistA claim status.

 6. The ECME User Screen [BPS USER SCREEN] actions will be updated as follows:

 CV Change View REV Reverse Payable Claim FR Further Research

 SO Sort List RES Resubmit Claim VER View ePharmacy RX

 CMT Add/View Comments CLO Close Claim WRK Send to Worklist

 7. The UD Display Update, LOG Print Claim Log, and EX Exit actions will

 become hidden actions on the ECME User Screen [BPS USER SCREEN].

 8. The ECME User Screen [BPS USER SCREEN] will display non-billable TRICARE

 entries with a pseudo-rejection code of eT or non-billable CHAMPVA entries

 with a pseudo-rejection code of eC. An open/closed indicator will display

 on the ECME screen for each non-billable entry and the entry will default

 to an Open entry.

 9. The ECME User Screen [BPS USER SCREEN] will contain a new hidden action of

 Open/Close Non-Billable Entry which will mark the entry as Open or Closed

 for the purposes of displaying or not displaying the entry on the ECME

 User screen and capture the following: user name, date, time, comment.

10. The ECME User Screen [BPS USER SCREEN] Change View action will offer a

 choice of displaying open non-billable entries, closed non-billable

 entries or all and display the ECME User Screen data based on the user

 selection.

11. The ECME User Screen [BPS USER SCREEN] will make these actions unavailable

 for non-billable entries:

 REV Reverse Payable Claim

 CLO Close Claim

 LOG Print Claim Log

 WRK Send to Worklist

 ROC Reopen Closed Claims

 RED Resubmit Claim w/EDITS

 RH Release Copay (On FR Further Research)

 RER Resubmit Claim w/o Reversal

12. The Closed Claims Report [BPS RPT CLOSED CLAIMS] will display the billed

 amount in the Excel download format. When the report is not run to

 capture report data for an Excel document, the Amount Billed will not be

 included in the report.

13. The Potential TRICARE Claims Report [BPS COB RPT TRICARE CLAIMS] will be

 renamed to Potential Claims Report for Dual Eligible [BPS POTENTIAL CLAIMS

 RPT DUAL]. It will prompt the user for patient eligibility, sort the

 report appropriately, and display patient eligibility in the heading of

 the report.

14. The VistA ECME system will use indicator "RS" to indicate that a claim was

 resubmitted via the ECME User Screen [BPS USER SCREEN]. To accomplish

 this, the bill type filter will be changed and RS as an indicator will be

 displayed on certain reports where applicable.

15. The Other Reports Menu [BPS MENU RPT OTHER] will contain a new report

 called OPECC Productivity Report [BPS OPECC PRODUCTIVITY REPORT]. The

 report will display information for the claim, by transaction date, with

 the option for a summary, detail or Excel format.

16. A new SECURITY KEY called BPS SUPERVISOR is implemented with this patch.

 This key is required for anyone accessing the OPECC Productivity Report

 [BPS OPECC PRODUCTIVITY REPORT].

17. The system will support new and modified data elements and fields for

 NCPDP Telecommunications version E7 according to the October 2015

 NCPDP release. Support for new and modified reject codes through this

 release is also included.

18. The system will no longer contain non-beneficial code for NCPDP version

 5.1. Some of the version 5.1 code will remain as a roadmap to use the

 next time NCPDP implements major versions.

19. HL7 transmissions for ePharmacy plans, processors, and PBMs (PHARMACY

 BENEFITS MANAGER) from FSC will be re-directed to use the ePharmacy HL7

 link on EPHARM OUT instead of IIV EC.

20. The Vitria Interface Version will be updated to version 5 and a new

 registration message will be sent to AITC to communicate that updates have

 occurred.

Patch Components:

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

Files & Fields Associated:

File Name (#) New/Modified/

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

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

BPS RESPONSES (#9002313.03) Modified

 RESPONSES sub-file (#9002313.0301) Modified

 QUAN LIMIT PER SPC TM PD COUNT New

 (#2087)

 DAYS SUP LIM PER SPC TM PD CNT New

 (#2090)

 QUAN LIMIT TIME PERIOD MLTPL sub-file (#9002313.032087) New

 DAYS SUPPLY LIM TM PD MULTIPLE sub-file (#9002313.032091) New

BPS NCPDP CLARIFICATION CODES (#9002313.25) Modified

BPS PAYER RESPONSE OVERRIDES (#9002313.32) Modified

 ADJUDICATED PAYMENT TYPE (#.1) Modified

 QUAN LIMIT PER SPC TIME PERIOD New

 (#.11)

 QUANTITY LIMIT TIME PERIOD (#.12) New

 DAYS SUP LIM PER SPC TM PERIOD New

 (#.13)

 DAYS SUPPLY LIMIT TIME PERIOD New

 (#.14)

 INGREDIENT COST PAID (#.15) New

 DISPENSING FEE PAID (#.16) New

 REMAINING DEDUCTIBLE AMOUNT (#.17) New

 AMT APPLIED TO PERIODIC DEDUCT New

 (#.18)

BPS LOG OF TRANSACTIONS (#9002313.57) Modified

 TRANSACTION TYPE (#19) Modified

 NON-BILLABLE REASON (#301) New

 NON-BILLABLE CLOSED (#302) New

 NON-BILLABLE DATE CLOSED (#303) New

 NON-BILLABLE CLOSED BY (#304) New

 NON-BILLABLE CLOSED COMMENT (#305) New

 NON-BILLABLE DATE RE-OPENED (#306) New

 NON-BILLABLE RE-OPENED BY (#307) New

 NON-BILLABLE RE-OPENED COMMENT New

 (#308)

 COMMENT MULTIPLE sub-file (#9002313.57111) Modified

 PHARMACY (#.04) New

BPS TRANSACTION (#9002313.59) Modified

 TRANSACTION TYPE (#19) Modified

 NON-BILLABLE REASON (#301) New

 NON-BILLABLE CLOSED (#302) New

 NON-BILLABLE DATE CLOSED (#303) New

 NON-BILLABLE CLOSED BY (#304) New

 NON-BILLABLE CLOSED COMMENT (#305) New

 NON-BILLABLE DATE RE-OPENED (#306) New

 NON-BILLABLE RE-OPENED BY (#307) New

 NON-BILLABLE RE-OPENED COMMENT New

 (#308)

 COMMENT MULTIPLE sub-file (#9002313.59111) Modified

 PHARMACY (#.04) New

BPS NCPDP FIELD DEFS (#9002313.91) Modified

BPS NCPDP REJECT CODES (#9002313.93) Modified

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

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BPS MENU RPT OTHER menu Modified

BPS OPECC PRODUCTIVITY run routine New

REPORT

Protocols Associated:

 New/Modified/

Protocol Name Deleted

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

BPS OPECC REJECT INFO MEDICATION PROFILE New

BPS OPECC REJECT INFO PATIENT INFORMATION New

BPS OPECC REJECT INFO VIEW RX New

BPS OPECC REJECT MENU New

BPS OPECC REJECT VIEW ECME RX New

BPS PRTCL CMT ADD Modified

BPS PRTCL CMT ADD PHARM New

BPS PRTCL CMT EXIT Modified

BPS PRTCL CMT MENU Modified

BPS PRTCL USRSCR HIDDEN ACTIONS Modified

BPS PRTCL USRSCR OPECC REJECT INFORMATION New

BPS PRTCL USRSCR OPEN/CLOSE NON-BILLABLE New

ENTRY

BPS PRTCL USRSCR RESUB NO REVERSE New

Security Keys Associated:

 New/Modified/

Security Key Name Deleted

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BPS SUPERVISOR New

Templates Associated:

 New/Modified/

Template Name Type File Name (Number) Deleted

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

BPS LSTMN ECME List N/A Modified

USRSCR

BPS OPECC REJECT List N/A New

INFORMATION

Additional Information:

N/A

New Service Requests (NSRs)

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20140411 - Medical Care Collection Fund (MCCF) ePharmacy Compliance Phase 3

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.

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

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

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Release Notes/Installation Guide BPS\_1\_P20\_RN.PDF Binary

User Manual BPS\_1\_UM.PDF Binary

Technical Manual/Security Guide BPS\_1\_TM.PDF Binary

## Pre/Post Installation Overview

There is a pre-install routine associated with this patch named EN^BPS20PRE.

The purpose of the pre install routine is to:

 a. Update the NCPDP reject codes/descriptions in BPS NCPDP REJECT CODES

 (#9002313.93).

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

your Kernel site parameters configuration. You may delete routine BPS20PRE if

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

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

POST^BPS20PST. The purpose of the post-install routine is to:

 a. Remove the cached hidden parent menu protocol for the ECME User Screen.

 b. Refine and update the list of visible actions on the ECME User Screen.

 c. Update the Vitria Interface version from 4 to 5.

 d. Perform ePharmacy registration with AITC.

 e. Rename an ECME report option and menu mnemonic.

 f. Modify the ePharmacy HL7 links by adding the DNS server name and

 removing the IP address.

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

your Kernel site parameters configuration. You may delete routine BPS20PST if

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

## Installation Instructions

\*\*\*\*\* IMPORTANT NOTE \*\*\*\*\*

The ePharmacy Logical Links must be stopped before patch installation. This

can be done with the option "Start/Stop Links" [HL START]. The ePharmacy

Logical Links which need to be stopped are the following:

 BPS NCPDP

 EPHARM OUT

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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 are 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.

This multi-build installation may take between 1 to 10 minutes to install

depending on the amount of data in the files being converted.

This multi-build installation can be queued but should not be queued at a

time when the BPS NIGHTY BACKGROUND JOB or CMOP transmission processes

are scheduled.

Pre-Installation Instructions

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

1. OBTAIN PATCHES

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

 Obtain the host file BPS\_1\_20\_PSO\_IB\_PSX\_PSS.KID, which contains the

 following patches:

 BPS\*1.0\*20

 PSO\*7.0\*448

 IB\*2.0\*550

 PSX\*2.0\*79

 PSS\*1.0\*192

 Sites may retrieve VistA software from REDACTED. This

 transmits the file from the first available server. Sites may also elect

 to retrieve this file directly from a specific server.

 Sites may retrieve the software directly using Secure File Transfer (SFTP)

 from the ANONYMOUS.SOFTWARE directory at the following Field Offices:

 Albany: REDACTED

 Hines: REDACTED

 Salt Lake City: REDACTED

 File Name Transfer Mode

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 BPS\_1\_20\_PSO\_IB\_PSX\_PSS.KID ASCII

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\_20\_PSO\_IB\_PSX\_PSS.KID (e.g.,

 SYS$SYSDEVICE:[ANONYMOUS]BPS\_1\_20\_PSO\_IB\_PSX\_PSS.KID).

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

 The following will display:

 Loading Distribution...

 BPS PSO IB PSX PSS BUNDLE 9.0

 BPS\*1.0\*20

 PSO\*7.0\*448

 IB\*2.0\*550

 PSX\*2.0\*79

 PSS\*1.0\*192

 Use INSTALL NAME: BPS PSO IB PSX PSS BUNDLE 9.0 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 PSS BUNDLE 9.0):

 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 data dictionaries 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, data dictionaries, 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 PSS BUNDLE 9.0.

 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 PSS

 BUNDLE 9.0.

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

 Install? NO//", enter NO.

 d. When prompted "Want KIDS to INHIBIT LOGONs during the install? NO//",

 enter NO.

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

 and Protocols? NO//", enter NO.

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

Post-Installation Instructions

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

The new security key added by this patch, BPS SUPERVISOR, is needed in order

to run the new ECME report called "OPECC Productivity Report" [BPS OPECC

PRODUCTIVITY REPORT]. Please check with the OPECC supervisor and assign this

security key as directed.

\*\*\*\*\* IMPORTANT NOTE \*\*\*\*\*

Please re-start the ePharmacy Logical Links using the "Start/Stop Links"

[HL START] menu option. The ePharmacy Logical Links are the following:

 BPS NCPDP

 EPHARM OUT

Routine Information:

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

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

;;1.0;E CLAIMS MGMT ENGINE;\*\*[Patch List]\*\*;JUN 2004;Build 27

The checksums below are new checksums, and

can be checked with CHECK1^XTSUMBLD.

Routine Name: BPS20PRE

 Before: n/a After: B9993195 \*\*20\*\*

Routine Name: BPS20PST

 Before: n/a After: B54584565 \*\*20\*\*

Routine Name: BPSBUTL

 Before: B96713533 After:B120426085 \*\*1,3,2,5,7,8,9,10,11,15,20\*\*

Routine Name: BPSCMT01

 Before: B20954371 After: B22342250 \*\*1,5,20\*\*

Routine Name: BPSECA8

 Before: B32681715 After: B25111830 \*\*1,5,10,12,11,15,20\*\*

Routine Name: BPSECMPS

 Before:B117919679 After:B148784399 \*\*1,2,5,6,7,10,11,15,19,20\*\*

Routine Name: BPSJACK

 Before: B36662405 After: B32888755 \*\*1,2,5,7,20\*\*

Routine Name: BPSJAREG

 Before: B11441916 After: B11748725 \*\*1,2,5,7,20\*\*

Routine Name: BPSJHLI

 Before: B2158650 After: B4405994 \*\*1,20\*\*

Routine Name: BPSJHLT

 Before: B56866826 After: B84683560 \*\*1,10,15,19,20\*\*

Routine Name: BPSJPREG

 Before: B20416052 After: B20911223 \*\*1,3,2,5,7,20\*\*

Routine Name: BPSJVAL1

 Before: B16799335 After: B14575875 \*\*1,5,7,20\*\*

Routine Name: BPSNCPD2

 Before: B60489856 After: B91792201 \*\*1,5,6,7,8,10,11,20\*\*

Routine Name: BPSNCPD3

 Before: B64625279 After: B65718099 \*\*1,5,6,7,8,10,11,15,19,20\*\*

Routine Name: BPSNCPD5

 Before: B76118605 After: B76247724 \*\*7,8,10,11,20\*\*

Routine Name: BPSNCPD6

 Before: B28397403 After: B30082238 \*\*7,8,10,11,20\*\*

Routine Name: BPSNCPDP

 Before: B93601523 After: B97543196 \*\*1,3,4,2,5,6,7,8,10,11,19,20\*\*

Routine Name: BPSOPR

 Before: n/a After: B53670373 \*\*20\*\*

Routine Name: BPSOPR2

 Before: n/a After:B114125532 \*\*20\*\*

Routine Name: BPSOPR3

 Before: n/a After: B63864385 \*\*20\*\*

Routine Name: BPSOS03

 Before: B9935989 After: B15562725 \*\*1,5,10,20\*\*

Routine Name: BPSOSCD

 Before:B104589879 After:B104057958 \*\*1,3,2,5,7,8,10,11,15,19,20\*\*

Routine Name: BPSOSH2

 Before:B141967265 After:B140036379 \*\*1,5,8,10,15,19,20\*\*

Routine Name: BPSOSIY

 Before: B71169390 After: B74487088 \*\*1,3,5,6,7,8,10,11,20\*\*

Routine Name: BPSOSIZ

 Before: B13539436 After: B18104655 \*\*1,5,7,8,10,20\*\*

Routine Name: BPSOSRB

 Before: B38172979 After: B39920456 \*\*1,5,7,8,10,11,20\*\*

Routine Name: BPSOSRX

 Before: B40198470 After: B40932013 \*\*1,5,7,8,10,20\*\*

Routine Name: BPSOSRX5

 Before: B43074906 After: B43227076 \*\*7,8,10,11,20\*\*

Routine Name: BPSOSRX8

 Before: B21154002 After: B22384839 \*\*7,10,11,20\*\*

Routine Name: BPSOSSG

 Before: B31935652 After: B30642361 \*\*1,5,10,11,20\*\*

Routine Name: BPSOSU

 Before: B38973910 After: B43285498 \*\*1,2,5,7,10,20\*\*

Routine Name: BPSOSUC

 Before: B8931865 After: B10039062 \*\*1,5,7,10,11,14,20\*\*

Routine Name: BPSPRRX5

 Before: B46870876 After: B82229263 \*\*8,10,11,20\*\*

Routine Name: BPSPSOU1

 Before: n/a After: B14671447 \*\*20\*\*

Routine Name: BPSREOP1

 Before: B60493248 After: B57917968 \*\*3,7,10,11,20\*\*

Routine Name: BPSRES

 Before:B155712159 After:B159042443 \*\*3,5,7,8,10,11,20\*\*

Routine Name: BPSRPT0

 Before: B27167649 After: B27167649 \*\*1,5,7,10,11,19,20\*\*

Routine Name: BPSRPT1

 Before: B58952344 After: B64732997 \*\*1,5,7,8,10,11,19,20\*\*

Routine Name: BPSRPT3

 Before:B122921088 After:B124301535 \*\*1,3,5,7,11,14,19,20\*\*

Routine Name: BPSRPT7

 Before:B164190587 After:B164643275 \*\*1,3,5,7,8,10,11,19,20\*\*

Routine Name: BPSRPT8

 Before:B147944651 After:B149255320 \*\*1,3,5,7,8,10,11,19,20\*\*

Routine Name: BPSRPT9

 Before:B106079505 After:B113826199 \*\*8,18,20\*\*

Routine Name: BPSRPT9A

 Before: B95077796 After: B99973308 \*\*8,9,18,20\*\*

Routine Name: BPSRSRLC

 Before: B2312265 After: B2880037 \*\*1,20\*\*

Routine Name: BPSSCR01

 Before: B17522420 After: B17496726 \*\*1,5,11,20\*\*

Routine Name: BPSSCR03

 Before: B42385571 After: B67802855 \*\*1,5,7,8,10,11,20\*\*

Routine Name: BPSSCR04

 Before: B53618434 After: B54656509 \*\*1,5,11,20\*\*

Routine Name: BPSSCRCL

 Before: B82378286 After: B86678930 \*\*1,3,5,7,8,11,15,19,20\*\*

Routine Name: BPSSCRCV

 Before: B47413521 After: B55540510 \*\*1,5,7,11,14,20\*\*

Routine Name: BPSSCRLG

 Before:B241284581 After:B253455016 \*\*1,5,7,8,10,11,15,18,20\*\*

Routine Name: BPSSCRN0

 Before: n/a After: B8359563 \*\*20\*\*

Routine Name: BPSSCRRJ

 Before: n/a After:B126798258 \*\*20\*\*

Routine Name: BPSSCRRS

 Before: B38581404 After: B80029514 \*\*1,3,5,7,8,10,11,20\*\*

Routine Name: BPSSCRRV

 Before: B40545723 After: B43226039 \*\*1,5,6,7,8,20\*\*

Routine Name: BPSSCRSL

 Before: B14563351 After: B14919740 \*\*1,7,11,20\*\*

Routine Name: BPSSCRU2

 Before: B47071661 After: B51790246 \*\*1,3,5,10,11,20\*\*

Routine Name: BPSSCRU3

 Before: B30414230 After: B43064796 \*\*1,5,7,8,9,10,20\*\*

Routine Name: BPSSCRU6

 Before: B17791929 After: B19836949 \*\*3,8,10,20\*\*

Routine Name: BPSTEST

 Before:B147504088 After:B213983196 \*\*6,7,8,10,11,15,19,20\*\*

Routine Name: BPSUTIL

 Before: B11432819 After: B13282594 \*\*1,3,2,5,6,20\*\*

Routine Name: BPSWRKLS

 Before: B29522243 After: B32047440 \*\*7,8,11,15,20\*\*

Routine list of preceding patches: 18, 19

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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, ECME are affected by this effort:

## System Feature: ECME User Screen Comment

From the ECME User screen [BPS USERS SCREEN], the user is able to enter a comment that will display on the pharmacist’s worklist.

## System Feature: ECME Resubmit

When a resubmit is initiated from ECME, the system captures information.

## System Feature: ECME User Screen

The ECME User screen [BPS USERS SCREEN] shows a resubmission indicator, a new OPECC Reject Information action, and a new action to resubmit a claim without a reversal. Also, several actions have been hidden, unhidden or removed.

## System Feature: ECME User Screen Non-Billable Entries

The ECME User screen [BPS USERS SCREEN] displays non-billable entries, displayed with an open/close indicator. Several actions are unavailable for non-billable entries.

## System Feature: Closed Claims Report

The Closed Claims Report [BPS RPT CLOSED CLAIMS] displays the billed amount in the Excel download format.

## System Feature: Potential Claims Report

The Potential TRICARE Claims Report [BPS COB RPT TRICARE CLAIMS] is renamed to Potential Claims Report for Dual Eligible [BPS POTENTIAL CLAIMS RPT DUAL]. The Potential Claims Report for Dual Eligible [BPS POTENTIAL CLAIMS RPT DUAL] displays eligibility and can sort by eligibility.

## System Feature: Report Resubmission Indicator

The VistA ECME system uses indicator “RS” to indicate that a claim has been resubmitted via the ECME User Screen [BPS USER SCREEN and reports filters allow the users to select resubmission as a filter option.

## System Features: Date of Service Algorithm

The option to Process Secondary/TRICARE Rx to ECME [BPS COB PROCESS SECOND TRICARE] uses the same date of service algorithm used in outpatient pharmacy.

## System Features: OPECC Productivity Report

The system contains a report for OPECC productivity which requires new security key BPS SUPERVISOR.

## System Features: NCPDP Updates

The system supports NCPDP Telecommunications version E7 according to the October 2015 NCPDP release. Support for new and modified reject codes through this release is also included.