

**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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# 1 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.

## 1.1 Documentation and Distribution

Updated documentation describing the new functionality introduced by this patch is available.

The preferred method is to retrieve files from [download.vista.med.va.gov](http://download.vista.med.va.gov). 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:	<a href="http://fo-albany.med.va.gov">fo-albany.med.va.gov</a>
Hines:	<a href="http://fo-hines.med.va.gov">fo-hines.med.va.gov</a>
Salt Lake City:	<a href="http://fo-slc.med.va.gov">fo-slc.med.va.gov</a>

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.)*

# 2 Patch Description and Installation Instructions

## 2.1 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:

APPLICATION/VERSION	PATCH
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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

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 (#)	Field Name (Number)	New/Modified/ Deleted
BPS RESPONSES (#9002313.03)		Modified
RESPONSES sub-file (#9002313.0301)		Modified
	QUAN LIMIT PER SPC TM PD COUNT (#2087)	New
	DAYS SUP LIM PER SPC TM PD CNT (#2090)	New
	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 (#.11) New  
 QUANTITY LIMIT TIME PERIOD (#.12) New  
 DAYS SUP LIM PER SPC TM PERIOD (#.13) New  
 DAYS SUPPLY LIMIT TIME PERIOD (#.14) New  
 INGREDIENT COST PAID (#.15) New  
 DISPENSING FEE PAID (#.16) New  
 REMAINING DEDUCTIBLE AMOUNT (#.17) New  
 AMT APPLIED TO PERIODIC DEDUCT (#.18) New

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 (#308) New  
 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 (#308) New  
 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:

Form Name	File Name (Number)	New/Modified/ Deleted
-----	-----	-----
N/A		

Mail Groups Associated:

Mail Group Name	New/Modified/ Deleted
-----	-----
N/A	

Options Associated:

New/Modified/

Option Name	Type	Deleted
BPS MENU RPT OTHER	menu	Modified
BPS OPECC PRODUCTIVITY REPORT	run routine	New

Protocols Associated:

Protocol Name	New/Modified/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 ENTRY	New
BPS PRTCL USRSCR RESUB NO REVERSE	New

Security Keys Associated:

Security Key Name	New/Modified/Deleted
BPS SUPERVISOR	New

Templates Associated:

Template Name	Type	File Name (Number)	New/Modified/Deleted
BPS LSTMN ECME USRSCR	List	N/A	Modified
BPS OPECC REJECT INFORMATION	List	N/A	New

Additional Information:

N/A

New Service Requests (NSRs)

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Patient Safety Issues (PSIs)

N/A

Defect Tracking System Ticket(s) & Overview:

N/A

Test Sites:

-----

VA HEARTLAND - WEST, VISN 15 (589)  
LEXINGTON VAMC - LEESTOWN (596)  
HUNTER HOLMES MCGUIRE HOSPITAL - RICHMOND (652)  
BIRMINGHAM VAMC (521)  
CENTRAL ARKANSAS HEALTH CARE SYSTEM - LITTLE ROCK (598)

Documentation Retrieval Instructions

-----

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Hines: fo-hines.med.va.gov  
Salt Lake City: fo-slc.med.va.gov

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

## 2.2 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.

## 2.3 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 download.vista.med.va.gov. 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: fo-albany.med.va.gov  
Hines: fo-hines.med.va.gov  
Salt Lake City: fo-slc.med.va.gov

File Name	Transfer Mode
-----	-----
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: BPSECMP5	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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## 3 Backout and Rollback Procedures

### 3.1 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.

### 3.2 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.

### 3.3 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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## 4 Enhancements

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

### 4.1 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.

### 4.2 System Feature: ECME Resubmit

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

### 4.3 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.

### 4.4 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.

### 4.5 System Feature: Closed Claims Report

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

### 4.6 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.

### 4.7 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.

### 4.8 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.

### 4.9 System Features: OPECC Productivity Report

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

#### **4.10 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.