VistA Patch Display Page: 1

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Run Date: APR 09, 2019 Designation: PSO\*7\*545 TEST v16

Package : OUTPATIENT PHARMACY Priority : MANDATORY

Version : 7 Status : UNDER DEVELOPMENT

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Associated patches: (v)PSO\*7\*184 <<= must be installed BEFORE `PSO\*7\*545'

(v)PSO\*7\*323 <<= must be installed BEFORE `PSO\*7\*545'

(v)PSO\*7\*434 <<= must be installed BEFORE `PSO\*7\*545'

(v)PSO\*7\*450 <<= must be installed BEFORE `PSO\*7\*545'

(v)PSO\*7\*462 <<= must be installed BEFORE `PSO\*7\*545'

(u)XU\*8\*689 <<= must be installed BEFORE `PSO\*7\*545'

(v)PSO\*7\*517 <<= must be installed BEFORE `PSO\*7\*545'

(v)PSO\*7\*518 <<= must be installed BEFORE `PSO\*7\*545'

(v)PSO\*7\*527 <<= must be installed BEFORE `PSO\*7\*545'

Subject: CAS MPDU - MULTIPLE DEA# ENHANCEMENTS

Category: ROUTINE

ENHANCEMENT

Description:

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The Clinical Ancillary Services (CAS) - Medication Permission/Dispensing

Updates (MPDU) project provides the ability to support multiple Drug

Enforcement Administration (DEA) Numbers for a user.

This patch PSO\*7\*545 is part of a group of patches for this enhancement

and must be installed after completion of installation of patches

XU\*8\*688, PSO\*7\*529 and XU\*8\*689.

The other patches associated with this enhancement are OR\*3\*506,

PSJ\*5\*372 and OR\*3\*488.

This patch PSO\*7\*545 has the following enhancements:

1. The options Add New Providers [PSO PROVIDER ADD] and Edit Provider

[PSO PROVIDER EDIT] have been modified with the following:

a. The following existing fields have been hidden and will not be

available for editing:

Prescriber DEA # (field #53.2)

Prescriber DEA expiration date (field #747.44)

Prescriber Detox/Maint # (field #53.11)

b. Allow Multiple DEA Numbers to be associated to a Provider.

c. Add/Edit/Remove/Confirm DEA Number Information for Non-VA Providers.

2. The option Patient Prescription Processing [PSO LM BACKDOOR ORDERS] has

been modified with the following:

a. To allow the selection of a DEA number when placing an order for

Controlled Substance (CS) drug.

b. To ensure the Provider is authorized to prescribe a specific CS

drug.

3. The PIV Card Certificate Expiration Alert message has been changed from

"DEA certificate expired. Renew your certificate." to

"Rx processed: PIV Card Cert Expired - NO ACTION REQ".

4. The PIV Card Certificate Revoked Alert message has been changed

from " Med orders(s) DCed. Cert revoked. Contact Pharm." to

"Rx NOT processed: PIV Card Certificate Revoked".

5. Add Reminder to TM function for Controlled Substances that this

prescription cannot later be converted to a maintenance prescription.

6. A new menu ePCS DEA Utility Functions [PSO EPCS UTILITY FUNCTIONS] has

been transported in this patch with the following options:

6.1 DEA Expiration Date Report [PSO EPCS EXPIRE DATE REPORT]

6.2 Print Prescribers with Privileges [PSO EPCS PRIVS]

6.3 Print DISUSER Prescribers with Privileges [PSO EPCS DISUSER PRIVS]

6.4 Print PSDRPH Key Holders [PSO EPCS PSDRPH]

6.5 Print Setting Parameters Privileges [PSO EPCS SET PARMS]

6.6 Print Audits for Prescriber Editing [PSO EPCS PRINT EDIT AUDIT]

6.7 Changes to DEA Prescribing Privileges Report [PSO EPCS LOGICAL

ACCESS REPORT]

6.8 Allocation Audit of PSDRPH Key Report [PSO EPCS PHARMACIST ACC

REPORT]

6.9 Enter/Edit EPCS Access Reports Parameters [PSO EPCS ACCESS REPORT

PARAM]

6.10 Allow VA Number if DEA Number Expired [PSO EPCS EXPIRED DEA

FAILOVER]

6.11 Set Pharmacy Operating Mode [PSO VAMC MBM PHARMACY MODE]

6.12 Edit Facility DEA# and Expiration Date [PSO EPCS EDIT DEA# AND

XDATE]

7. Item 6.10 above, 'Allow VA Number if DEA Number Expired' option will

allow sites to turn off the existing expired DEA number "fail over"

functionality so that the renewal of DEA registrations can be enforced

while allowing other sites to maintain the "fail over" functionality.

This parameter is also accessible from menu 'General Parameter Tools',

option 'Edit Parameter Values' [XPAR EDIT PARAMETER], at the package

level and the system level.

Note - The post-install routine will set this parameter to 1 ("Yes") at

the system level to allow the "Fail Over" functionality.

8. Item 6.11 above, 'Set Pharmacy Operating Mode' option will allow Meds

by Mail (MBM) sites to turn off the warning messages when using the

EPCS GUI executable on selecting a provider who does not have a CPRS

account.

Also, with MBM mode on, backdoor pharmacy will be able to edit the DEA

information regardless of the Provider Type.

This parameter is also accessible from menu 'General Parameter Tools',

option 'Edit Parameter Values', at the package level and the system

level.

Note - The post-install routine will set this parameter to "VAMC" at

the package level.

9. Item 6.9 above, 'Enter/Edit EPCS Access Reports Parameters' option,

provides the ability to configure the delivery locations of 'Task

Changes to DEA Prescribing Privileges Report' and 'Task Allocation

Audit of PSDRPH Key Report' so that the report can be delivered to the

appropriate device and/or individuals.

It provides the following XPAR parameter selections:

Select one of the following:

1 PSOEPCS LOGICAL ACC REPORT DEV

2 PSOEPCS LOGICAL ACC RPT EMAIL

3 PSOEPCS PHARM ACC RPT DEVICE

4 PSOEPCS PHARM ACC REPORT EMAIL

Select parameter to edit:

These parameters are also accessible from the menu 'General Parameter

Tools', option 'Edit Parameter Values'.

10. The Copy and Renew ListMan actions have been modified to ensure that

the DEA # that is in the original prescription has the credentials to

write CS orders.

11. The following options are sent in this patch as a standalone option:

a. 'Allocate/De-allocate of PSDRPH Key' [PSO EPCS PSDRPH KEY] has been

sent in this patch. Only users who hold the PSDRPH key, have been

delegated the PSDRPH key, or hold the XUMGR key can use this

option.

Note: Users who currently hold the option 'Allocate/De-Allocate of

PSDRPH Key' [XU EPCS PSDRPH KEY], should go through their

standard access request system to gain access to the

replacement option 'Allocate/De-allocate of PSDRPH Key' [PSO

EPCS PSDRPH KEY].

b. 'Task Changes to DEA Prescribing Privileges Report' [PSO EPCS

LOGICAL ACCESS]. It'll support multiple delivery options so that

the appropriate people have access to the report.

c. 'Task Allocation Audit of PSDRPH Key Report' [PSO EPCS PSDRPH

AUDIT]. It'll support multiple delivery options so that the

appropriate people have access to the report.

Note - The post-install routine will replace existing scheduled tasks

XU EPCS LOGICAL ACCESS and XU EPCS PSDRPH AUDIT with new tasks

PSO EPCS LOGICAL ACCESS and PSO EPCS PSDRPH AUDIT. Options XU

EPCS LOGICAL ACCESS and XU EPCS PSDRPH AUDIT are marked as

Out-Of-Order by patch XU\*8\*689 as part of this project.

Note: Routine PSOHLEXP has been modified.

The mail message that generates when the facility DEA # is about to

expire in option Expire Prescriptions [PSO EXPIRE PRESCRIPTIONS] has

been modified to reference the option, 'Edit Facility DEA# and

Expiration Date' [PSO EPCS EDIT DEA# AND XDATE].

Note: The following routines have been modified to use calls $$DEA^XUSER,

$$DETOX^XUSER and $$PRXDT^XUSER to replace where ever the NEW PERSON

file (#200) fields DEA# (#53.2), DETOX/MAINTENANCE ID NUMBER

(#53.11) and DEA EXPIRATION DATE (#747.44) are referenced.

PSOERXR1

PSOERXA0

PSOCLUTL

PSOHLDS1

PSOCPTRI

Patch Components:

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Files & Fields Associated:

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N/A

Forms Associated:

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N/A

Mail Groups Associated:

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N/A

Options Associated:

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Option Name Type New/Modified/Deleted

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ePCS DEA Utility Functions

[PSO EPCS UTILITY FUNCTIONS] Menu New

DEA Expiration Date Report

[PSO EPCS EXPIRE DATE REPORT] Option New

Print Prescribers with Privileges

[PSO EPCS PRIVS] Option New

Print DISUSER Prescribers with Privileges

[PSO EPCS DISUSER PRIVS] Option New

Print PSDRPH Key Holders [PSO EPCS PSDRPH] Option New

Print Setting Parameters Privileges

[PSO EPCS SET PARMS] Option New

Print Audits for Prescriber Editing

[PSO EPCS PRINT EDIT AUDIT] Option New

Changes to DEA Prescribing Privileges Report

[PSO EPCS LOGICAL ACCESS REPORT] Option New

Allocation Audit of PSDRPH Key Report

[PSO EPCS PHARMACIST ACC REPORT] Option New

Enter/Edit EPCS Access Reports Parameters

[PSO EPCS ACCESS REPORT PARAM] Option New

Allow VA Number if DEA Number Expired

[PSO EPCS EXPIRED DEA FAILOVER] Option New

Set Pharmacy Operating Mode

[PSO VAMC MBM PHARMACY MODE] Option New

Edit Facility DEA# and Expiration Date

[PSO EPCS EDIT DEA# AND XDATE] Option New

Protocols Associated:

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Protocol Name New/Mod/Del

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PSODEAME ACCEPT AND SAVE New

PSODEAME COPY TO VISTA New

PSODEAME EDIT VISTA VALUES New

PSODEAME MENU New

PSODEAME QUIT AND REJECT New

Security Keys Associated:

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N/A

Templates Associated:

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List Template Name New/Mod/Del

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PSO DEA NUMBER MANAGEMENT New

Parameter Definitions Associated:

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Parameter Name New/Mod/Del

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PSOEPCS EXPIRED DEA FAILOVER New

PSOEPCS LOGICAL ACC REPORT DEV New

PSOEPCS LOGICAL ACC RPT EMAIL New

PSOEPCS PHARM ACC REPORT EMAIL New

PSOEPCS PHARM ACC RPT DEVICE New

PSO VAMC MBM PHARMACY MODE New

Additional Information:

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New Service Requests (NSRs):

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N/A

Patient Safety Issues (PSIs):

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N/A

Remedy Ticket(s) & Overview:

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N/A

Defect Tracking System Ticket(s) & Overview:

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Item #1:

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The options Add New Providers [PSO PROVIDER ADD] and Edit Provider [PSO

PROVIDER EDIT] has been modified with the following:

a. The following existing fields has been hidden and will not be available

for editing:

Prescriber DEA # (field 53.2)

Prescriber DEA expiration date (field 747.44)

Prescriber Detox/Maint # (field 53.11

b. Allow Multiple DEA Numbers to be associated to a Provider.

c. Add/Edit/Remove/Confirm DEA Number Information for Non-VA

Providers.

Resolution:

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Routines PSOPRVW and PSOPRVW1 have been modified with the following:

1. To hide the above fields.

2. To allow multiple DEA Numbers to be associated to a Non-VA Provider,

Kernel APIs are used to access the DOJ/DEA Web server to get the latest

copy of the DEA certificate, which when confirmed are then stored in

the DEA NUMBERS file (#8991.9) (a new file) with a pointer entry in the

NEW DEA #'S sub-file (#200.5321).

3. To display the DEA#s with their privileges in the above options

including the View Provider [PSO PROVIDER INQUIRE] option.

Item #2:

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The option Patient Prescription Processing [PSO LM BACKDOOR ORDERS] has

been modified with the following:

a. To allow the selection of a DEA number when placing an order for

Controlled Substance (CS) drug.

b. To ensure the Provider is authorized to prescribe a specific CS

drug.

Resolution:

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Routines PSODIR has been modified to allow the selection of a DEA number

when placing a CS drug order and to store the DEA#/DETOX# in variable

PSORX("RXDEA")/PSORX("DETX").

Routine PSOORNE3 has been modified to include the DEA# and the DETOX# as

part of the display when the order is being edited before being accepted.

Routines PSOORED1, PSOORNE5 and PSOORFI5 have been modified to include the

DEA# as part of the display when the order is being copied or renewed.

Routine PSONEW and PSORENW0 has been modified to kill

PSORX("RXDEA")/PSORX("DETX").

Routine PSORN52C has been modified to store the selected DEA# in

^TMP("PSORXN",$J,RXN,"DEA") to use in routine PSOHLSN1.

Routine PSOHLSN1 has been modified to include the selected DEA# in the

RXE-13 piece as part of the order transmission to ORDER ENTRY/RESULTS

REPORTING (OERR) package, where this DEA# will be populated in ORDER DEA

ARCHIVE INFO file (#101.52).

Item #3:

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The PIV Card Certificate Expiration Alert message has been changed from

"DEA certificate expired. Renew your certificate." to "Rx processed: PIV

Card Cert Expired - NO ACTION REQ".

Resolution:

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Routine PSOPKIV1 has been modified to address this change.

Item #4:

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The PIV Card Certificate Revoked Alert message has been changed from " Med

orders(s) DCed. Cert revoked. Contact Pharm." to "Rx NOT processed: PIV

Card Certificate Revoked".

Resolution:

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Routine PSOPKIV1 has been modified to address this change.

Item #5:

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Add Reminder to TM function for Controlled Substances.

Resolution:

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Routine PSOOTMRX has been modified to include the following message

to the hidden action TM - Titration Mark/Unmark.

NOTE: Marking this controlled substance Rx as a Titration prescription

will prevent refills and renewals.

You will not be able to convert the Rx to a maintenance prescription by

the TR Hidden Action.

Test Sites:

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TENNESSEE VALLEY HCS

VA HEARTLAND - WEST

Documentation Retrieval Instructions:

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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.

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:

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 FTP Mode

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Outpatient Pharmacy (PSO) Manager's User Manual

PSO\_7\_0\_p545\_MAN\_UM.PDF BINARY

Outpatient Pharmacy (PSO) Pharmacist's User Manual

PSO\_7\_0\_p545\_PHAR\_UM.PDF BINARY

Outpatient Pharmacy (PSO) Technician's User Manual

PSO\_7\_0\_p545\_TECH\_UM.PDF BINARY

Outpatient Pharmacy (PSO) Technician Manual

PSO\_7\_0\_p545\_TM.PDF BINARY

Patch Installation:

Pre/Post Installation Overview:

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N/A

Pre-Installation Instructions:

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N/A

Installation Instructions:

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This patch may be installed with users on the system although it is

recommended that it be installed during non-peak hours to minimize

potential disruption to users. This patch should take less than 5 minutes

to install.

1. Choose the PackMan message containing this patch.

2. Choose the INSTALL/CHECK MESSAGE PackMan option.

3. From the Kernel Installation and Distribution System Menu, select

the Installation Menu. From this menu, you may elect to use the

following options. When prompted for the INSTALL NAME enter the patch

PSO\*7\*545.

a. 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, DDs, templates, etc.).

b. Verify Checksums in Transport Global - This option will allow

you to ensure the integrity of the routines that are in the

transport global.

4. Select the installation option Backup a Transport Global. This

option will create a backup message of any routines exported with

this patch in case you need to back-out this patch. It will not backup

any other changes such as Data Dictionaries (DD's) or templates. It

is important this step be followed, because if back-out of this patch

is necessary, having the backup will make the process much easier.

5. From the Installation Menu, select the Install Package(s) option and

choose the patch to install.

6. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of

Install? NO//', answer 'NO'.

7. When prompted 'Want KIDS to INHIBIT LOGONs during the install?

NO//', answer 'NO'

8. When prompted 'Want to DISABLE Scheduled Options, Menu Options,

and Protocols? NO//', answer 'NO'.

9. If prompted 'Delay Install (Minutes): (0 - 60): 0//', respond 0.

POST-Installation Instructions:

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Successful installation can be verified by reviewing the first 2 lines of

the routines contained in the patch. The second line will contain the

patch number in the [PATCH LIST] section.

;;7.0;OUTPATIENT PHARMACY;\*\*[PATCH LIST]\*\*;DEC 1997;[BUILD #]

The option Calculate and Show Checksum Values [XTSUMBLD-CHECK] can be run

to compare the routine checksums to what is documented in the patch

description.

Back-out Procedures:

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Back-out Procedures are only needed if there are major problems (examples

include the KIDS notice of incompletion or hard errors) resulting from the

installation of this patch. You must have concurrence from Health Product

Support before a rollback can occur. Enter a ServiceNow ticket to obtain

this concurrence.

Prior to installing a patch, the site/region should have saved a backup of

the routines in a mail message using the Backup a Transport Global [XPD

BACKUP] menu option (this is done at time of install). The message

containing the backed up routines can be loaded with the "Xtract PackMan"

function at the Message Action prompt. The Packman function "INSTALL/CHECK

MESSAGE" is then used to install the backed up routines onto the VistA

System.

Validation of Roll Back Procedure:

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The Roll Back Procedure can be verified by printing the first 2 lines of

the PSO Routines contained in this patch using the option First Line

Routine Print [XU FIRST LINE PRINT]. Once the routines contained in the

PSO\*7.0\*545 patch have been rolled back, the first two lines of the

Routines will no longer contain the designation of patch PSO\*7.0\*545 in

the patch list section on line 2.

Routine Information:

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

;;7.0;OUTPATIENT PHARMACY;\*\*[Patch List]\*\*;DEC 1997;Build 32

The checksums below are new checksums, and

can be checked with CHECK1^XTSUMBLD.

Routine Name: PSO7P545

Before: n/a After: B3230880 \*\*545\*\*

Routine Name: PSOCLUTL

Before: B30326336 After: B30029887 \*\*28,56,122,222,268,545\*\*

Routine Name: PSOCPTRI

Before: B29483202 After: B30579953 \*\*10,55,184,545\*\*

Routine Name: PSODEAED

Before: n/a After: B1679850 \*\*545\*\*

Routine Name: PSODEAME

Before: n/a After:B198357593 \*\*545\*\*

Routine Name: PSODEARP

Before: n/a After: B50640780 \*\*545\*\*

Routine Name: PSODEART

Before: n/a After:B157301182 \*\*545\*\*

Routine Name: PSODIR

Before: B42513700 After:B149063676 \*\*37,46,111,117,146,164,211,

264,275,391,372,416,422,504,

545\*\*

Routine Name: PSOERXA0

Before: B33077655 After: B33012992 \*\*467,545\*\*

Routine Name: PSOERXR1

Before: B33604868 After: B33236664 \*\*467,520,527,545\*\*

Routine Name: PSOHLDS1

Before: B48730314 After: B48996088 \*\*156,232,255,200,305,336,351,

434,545\*\*

Routine Name: PSOHLEXP

Before: B24025393 After: B24037058 \*\*10,22,36,73,148,257,391,505,545\*\*

Routine Name: PSOHLSN1

Before: B72199961 After: B73458285 \*\*1,10,24,27,55,46,71,101,99,

121,139,157,181,143,235,239,

292,225,296,323,545\*\*

Routine Name: PSONEW

Before: B33443923 After: B33684914 \*\*11,27,32,46,94,130,268,225,

251,379,390,417,313,411,545\*\*

Routine Name: PSOORED1

Before: B76283215 After: B78557804 \*\*5,23,46,78,114,117,131,146,

223,148,244,249,268,206,313,

444,422,545\*\*

Routine Name: PSOORFI5

Before: B76809208 After: B79515100 \*\*225,315,266,391,372,416,504,

505,545\*\*

Routine Name: PSOORNE3

Before: B66007798 After: B69514547 \*\*11,9,39,59,46,103,124,139,

152,194,391,313,444,504,545\*\*

Routine Name: PSOORNE5

Before: B54894231 After: B54737100 \*\*11,27,32,46,78,99,117,131,

146,171,180,210,222,268,206,

225,391,444,504,545\*\*

Routine Name: PSOOTMRX

Before: B22834550 After: B26309199 \*\*313,505,517,545\*\*

Routine Name: PSOPKIV1

Before:B102421557 After:B104373358 \*\*131,146,223,148,249,391,426,

462,545\*\*

Routine Name: PSOPRVW

Before: B45848236 After:B113274913 \*\*11,146,153,263,268,264,398,

391,450,545\*\*

Routine Name: PSOPRVW1

Before: n/a After:B103773725 \*\*545\*\*

Routine Name: PSORENW0

Before: B84933755 After: B85276396 \*\*11,27,32,59,64,46,71,96,100,

130,237,206,251,375,379,372,

411,518,545\*\*

Routine Name: PSORN52C

Before: B68196793 After: B69189557 \*\*1,7,11,27,46,75,87,100,111,

124,117,131,146,148,200,225,

251,387,379,391,545\*\*

Routine Name: PSOUTIL

Before:B145871756 After:B146565832 \*\*64,456,444,469,504,545\*\*

Routine list of preceding patches: 184, 323, 434, 450, 462, 517, 518, 527

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User Information:

Entered By : ANWER,MOHAMED Date Entered : OCT 31,2018

Completed By: Date Completed:

Released By : Date Released :

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