

PHARMACY DATA MANAGEMENT

**TECHNICAL MANUAL/ SECURITY GUIDE**

Version 1.0

September 1997

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Department of Veterans Affairs Office of Enterprise Development

**Revision History**

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. If the Revised Pages column lists “All,” replace the existing manual with the reissued manual. If the Revised Pages column lists individual entries (e.g., 25, 32), either update the existing manual with the Change Pages Document or print the entire new manual.

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Revised Pages** | **Patch Number** | **Description** |
| 02/10 | i-iii, 5, 8, 24f,  25, 29-30,  31b- 32, 32a-  32h, 45-50 | PSS\*1\*147 | Updated patch references to include PSS\*1\*147. Described files, fields, options and routines added/modified as part of this patch. REDACTED |
| 10/09 | [i-ii,](#_bookmark0) [5,](#_bookmark1) [8](#_bookmark2) | PSS\*1\*141 | Updated patch references to include PSS\*1\*141. Added ASSOCIATED IMMUNIZATION field (#9) to the PHARMACY ORDERABLE ITEM file (#50.7).  REDACTED |
| 08/09 | 24f | PSS\*1\*140 | Added new option *Default Med Route OI Rpt* [PSS DEF MED ROUTE OI RPT].  REDACTED |
| 02/09 | i-ii, 24b-f, 25, 29-31b,  48-52, 55-58 | PSS\*1\*129 | Pharmacy Re-Engineering (PRE) V.0.5 Pre-Release. Restructured main PSS MGR menu and added new *Enhanced Order Checks Setup Menu*. Described files, fields, options and routines added/modified as part of this project.  REDACTED |
| 08/08 | iii, 25, 33-34 | PSS\*1\*94 | Added Medication Routes and Administration Scheduling sections. Added PSSSCHED routine.  REDACTED |
| 10/06 | i, ii, 25 | PSS\*1\*112 | Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routines PSS55MIS and PSS50TMP to the Routine List.  REDACTED |
| 09/06 | i, ii, 25 | PSS\*1\*108 | Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routine PSS551 to the Routine List.  REDACTED |
| 04/06 | i, 25 | PSS\*1\*90 | HIPAA NCPDP Global project. Added routines PSSDAWUT and PSSNDCUT to the Routine List. REDACTED |
| 04/06 | i, ii, 25 | PSS\*1\*106 | Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routine PSS781 to the Routine List.  REDACTED |

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| --- | --- | --- | --- |
| **Date** | **Revised Pages** | **Patch Number** | **Description** |
| 11/05 | i, ii, 25 | PSS\*1\*101 | Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routines PSS55 and PSS59P7 to the Routine List.  REDACTED |
| 03/05 | i, ii, 24a, 25, 29-31, 48 | PSS\*1\*87 | Laser Labels Phase II project. Added *Warning Builder* and *Warning Mapping* options descriptions and updated the menu options. Added four new routines to the routine list. Cleaned up misspelled words and such on many pages. REDACTED |
| 10/04 | i., 25, 33 | PSS\*1\*85 | Added routines and a reference to the *Pharmacy Re- Engineering (PRE) Application Program Interface (API) Manual* created for the Pharmacy Re-Engineering (PRE) project Encapsulation cycle 1. |
| 10/04 | i, 24a, 25, 29-  31, 32d-h, 48,  53 | PSS\*1\*82 | Updated the option description to include *Send Entire Drug File to External Interface* [PSS MASTER FILE ALL] option. Added new master file update information to the “HL7 Messaging with an External System” section. Updated routine list to include PSSMSTR. Updated the web address for the VistA Documentation Library (VDL). |
| 07/03 | i, 25, 31, 48 | PSS\*1\*61 | Updated routine list to four new add PKI routines. Added new *Controlled Substances/PKI Reports* [PSS/PKI REPORTS] menu and four associated report options to the *Pharmacy Data Management* [PSS MGR] menu. |
| 04/03 | i, 5, 8, 29, 35,  48 | PSS\*1\*68 | Updated patch references to include PSS\*1\*68. Added NON-VA MED field (#8) to the PHARMACY ORDERABLE ITEM file (#50.7). |
| 03/03 | i., 5, 8, 24a,  29, 31, 35, 48 | PSS\*1\*47 | Updated patch references to include PSS\*1\*47. Added new field OTHER LANGUAGE INSTRUCTIONS (#7.1) to the PHARMACY  ORDERABLE ITEM file (#50.7) list and *Other Language Translation Setup* option description. |
| 11/02 | i, ii 5, (6)  23 - 25, (26)  29-30,(47), 48 | PSS\*1\*55 | Renumbered front matter starting from this Revision History page. Updated Patch number. Updated Option descriptions to include *Drug Text File Report* option. Added routine PSSDTR in the Routines section. Added the *Drug Text File Report* option to the current PDM Menu in the Exported Options section. |
| 10/02 | Title, i-iv, 32a-32d | PSS\*1\*57 | Updated Title Page, Revision Page and Table of Contents. A section was added for the new HL7 Messaging with an External System. |
| 09/01 | All | PSS\*1\*38 | Added this Revision History Page. Added Patch Release changes and Pharmacy Ordering Enhancements (POE) edits. Updated manual to comply with current documentation standards. |
| 09/97 | N/A | N/A | Original Release of Technical Manual. |

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# Implementation and Maintenance

The PHARMACY ORDERABLE ITEM file (#50.7) must be built prior to the installation of Outpatient Pharmacy V. 7.0 and Inpatient Medications V. 5.0. The PHARMACY ORDERABLE ITEM file (#50.7) will be similar to the PRIMARY DRUG file (#50.3) used by Inpatient Medications V. 4.5. The main difference is that each entry in the PHARMACY ORDERABLE ITEM file (#50.7) has an associated Dosage Form that will always print next to the name. The PHARMACY ORDERABLE ITEM file (#50.7) will be duplicated in the ORDERABLE ITEM file (#101.43) that will reside in CPRS V. 1.0. Any update to the PHARMACY ORDERABLE ITEM file (#50.7) will automatically update the corresponding entry in the ORDERABLE ITEM file (#101.43). The NAME field (#.01) and the DOSAGE FORM field (#.02) values in the PHARMACY ORDERABLE ITEM file (#50.7) will print on Outpatient Pharmacy reports, profiles, Inpatient Medication reports, MAR labels etc., in place of the Primary Drug Name.

The PHARMACY ORDERABLE ITEM file (#50.7) includes the following fields. These fields reflect the package content up to and including the release of patch PSS\*1\*147.

 These fields were necessary for the initial installation but were deleted following later patches.

**\*** These fields were not exported with the initial installation but were added with later patches.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Number** | | **Field Name** | **Description** |
| **.01** |  | **NAME** | This is the name of the Pharmacy Orderable Item. It is a free text field that can be up to 40 characters in  length. |
| **.02** |  | **DOSAGE FORM** | This is a pointer to the DOSAGE FORM file (#50.606). This is a required field and will always print next to the Pharmacy Orderable Item  name. |
| **.03** |  | **IV FLAG** | This field will be set to 1 to indicate that the Pharmacy Orderable Item entry is pointed to by either the IV ADDITIVES file (#52.6), or the IV SOLUTIONS file (#52.7). If this field is not set to 1, it indicates that the entry  is pointed to from the DRUG file (#50). |
| **.04** |  | **INACTIVE DATE** | This will contain the date the entry had  been made inactive. |
| **.05** |  | **DAY (nD) or DOSE (nL) LIMIT** | This is a free text field used to calculate  a default value for the "STOP DATE" prompt of the order. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Number** | | **Field Name** | **Description** |
| **.06** |  | **MED ROUTE** | This is a pointer to the MEDICATION ROUTES file (#51.2). If a MED  ROUTE is entered here, it will be used as the default value during order entry when this drug is selected. |
| **.07** |  | **SCHEDULE TYPE** | This field is a set of codes and will be  used as a default value when selecting this drug in order entry. |
| **.08** |  | **SCHEDULE** | This is a free text field and will be used  as a default value during order entry when this drug is selected. |
| **.09** |  | **SUPPLY** | This is a set of codes with 1 (one) indicating that the Orderable Item is a  supply. |
| **2** |  | **SYNONYM (multiple)** | This multiple will contain all the  associated synonyms for the Pharmacy Orderable Item. |
|  | **.01** | **SYNONYM** | A free text synonym name up to 30  characters long. |
| **3** |  | **CORRESPONDING UD ITEM** | If CHANGE TYPE OF ORDER  FROM OERR field (#20.412) in the PHARMACY SYSTEM file (#59.7)  parameter in Inpatient Mediations package is set, this field will be asked to user. This field will indicate corresponding Orderable Items to choose from and which package (UD or IV) to finish the order. |
| **4** |  | **CORRESPONDING IV ITEM** | If CHANGE TYPE OF ORDER  FROM OERR field (#20.412) in the PHARMACY SYSTEM file (#59.7)  parameter in Inpatient Mediations package is set, this field will be asked to user. This field will indicate corresponding Orderable Items to choose from and which package (UD or IV) to finish the order. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Number** | | **Field Name** | **Description** |
| **\*5** |  | **FORMULARY STATUS** | This field will designate the formulary status of the Orderable Item. The non- formulary status will be displayed to the provider next to the selectable list of Orderable Item(s) during CPRS order entry (List Manager and GUI). This field is not editable. The software controls it. An Orderable Item will only be marked as non-formulary if there  are no active Dispense Drugs that are formulary drugs matched to the item. |
| **\*6** |  | **OI-DRUG TEXT ENTRY**  **(multiple)** |  |
|  | **\*.01** | **OI-DRUG TEXT ENTRY** | This is a pointer to the DRUG TEXT file (#51.7). This file contains such information as drug restrictions, guidelines and protocols to help assure that medications are being used according to formulary specifications. This information will be seen in CPRS and Pharmacy when a medication order is placed for the Pharmacy Orderable Item. New entries to the DRUG TEXT file (#51.7) must be made through the *Drug Text Enter/Edit* option. |
| **\*7** |  | **PATIENT INSTRUCTIONS** | The text in this field shall be presented as a default for the Patient Instructions prompt in the Outpatient Pharmacy package when entering orders, if the Dispense Drug selected is matched to this Pharmacy Orderable Item. This text will also be presented during the Outpatient Medication order entry process through CPRS, and the CPRS user can then determine whether or not these Instructions should be part of the order. For all words entered in this field, the software will check for expansions for each word in the MEDICATION INSTRUCTION file  (#51) and expand the word accordingly. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Number** | | **Field Name** | **Description** |
| **7.1** |  | **OTHER LANGUAGE INSTRUCTIONS** | The text in this field shall be presented as a default for the OTHER PATIENT INSTRUCTIONS prompt in the Outpatient Pharmacy package when entering orders, if the order being entered is for a patient who has designated a preference for another  language. |
| **8** |  | **NON-VA MED** | This field indicates whether the Pharmacy Orderable Item is selectable as a Non-VA Med (either an herbal supplement, an over-the-counter (OTC) medication, or a prescription drug not dispensed by the VA). This field is not  editable. |
| **9** |  | **ASSOCIATED IMMUNIZATION** | This field is added by the Immunizations Documentation by BCMA application. A mapping relationship is created between the PHARMACY ORDERABLE ITEM  file (#50.7) and the pointed-to immunization so that a record can be created in the V IMMUNIZATION file (#9000010.11) corresponding to the BCMA administration of an immunization. |

**NAME: PSS LOCAL POSSIBLE DOSAGES**

MENU TEXT: Local Possible Dosages Report TYPE: run routine

DESCRIPTION: This option provides a report that displays entries from the LOCAL POSSIBLE DOSAGE (#50.0904) Subfile of the DRUG (#50) File with missing data in DOSE UNIT (#4) Field and the NUMERIC DOSE (#5) Field. This data needs to be populated if Dosage checks are to be performed, when that Local Possible Dosage is selected for an order.

ROUTINE: EN^PSSLDOSE

UPPERCASE MENU TEXT: LOCAL POSSIBLE DOSAGES REPORT

**NAME: PSS STRENGTH MISMATCH**

MENU TEXT: Strength Mismatch Report TYPE: run routine

DESCRIPTION: This option provides a report that shows all entries from the DRUG (#50) File that have data in the STRENGTH (#901) Field that does not match the data in the STRENGTH (#2) Field from the match in the VA PRODUCT (#50.68) File.

ROUTINE: EN^PSSTRENG

UPPERCASE MENU TEXT: STRENGTH MISMATCH REPORT

|  |
| --- |
| **NAME: PSS DOSE UNIT REQUEST**  MENU TEXT: Request Change to Dose Unit TYPE: run routine  DESCRIPTION: This option enables a request to be made to have a new entry added, or a current entry changed in the DOSE UNITS (#51.24) File.  ROUTINE: DOSE^PSSMEDRQ  UPPERCASE MENU TEXT: REQUEST CHANGE TO DOSE UNIT |
| **NAME: PSS MARK PREMIX SOLUTIONS**  MENU TEXT: Mark PreMix Solutions TYPE: run routine  DESCRIPTION: This option will be used to mark entries from the IV SOLUTIONS (#52.7) File as PreMixes, by allowing editing of the PREMIX (#18) Field.  ROUTINE: EDIT^PSSPRUTL  UPPERCASE MENU TEXT: MARK PREMIX SOLUTIONS |
| **NAME: PSS IV SOLUTION REPORT**  MENU TEXT: IV Solution Report TYPE: run routine  DESCRIPTION: This report will display all entries from the IV SOLUTIONS (#52.7) File, or just those entries marked as PreMixes in the PREMIX (#18) Field.  ROUTINE: REP^PSSPRMIX  UPPERCASE MENU TEXT: IV SOLUTION REPORT |
| **NAME: PSS SCHEDULE REPORT**  MENU TEXT: Administration Schedule File Report TYPE: run routine  DESCRIPTION: This option provides a report of entries from the ADMINISTRATION SCHEDULE (#51.1) File that shows whether or not data has been entered in the FREQUENCY (IN MINUTES) (#2) Field for the entries. To perform Dosage checks on medication orders, a frequency must be derived from the Schedule of the order.  ROUTINE: EN^PSSSCHRP  UPPERCASE MENU TEXT: ADMINISTRATION SCHEDULE FILE R |
| **NAME: PSS MED INSTRUCTION REPORT**  MENU TEXT: Medication Instruction File Report TYPE: run routine  DESCRIPTION: This option provides a report of entries from the MEDICATION INSTRUCTION (#51) File that shows whether or not data has been entered in the FREQUENCY (IN MINUTES) (#31) Field. To perform Dosage checks on medication orders, a frequency must be derived from the Schedule of the order.  ROUTINE: EN^PSSMIRPT  UPPERCASE MENU TEXT: MEDICATION INSTRUCTION FILE RE |

The following option was retrieved from VA FileMan and reflects the new option added to PDM following the installation of PSS\*1\*140.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAME: PSS MEDICATION ROUTES MGMT**  MENU TEXT: Medication Routes Management TYPE: menu  DESCRIPTION: This Sub-Menu contains options related to Medication Routes in both the MEDICATION ROUTES (#51.2) File and the STANDARD MEDICATION ROUTES (#51.23) File.  ITEM: PSS MEDICATION ROUTES EDIT ITEM: PSS MED ROUTE MAPPING REPORT ITEM: PSS MED ROUTE MAPPING CHANGES | | | | | |
| ITEM: PSS MEDICATION ROUTE REQUEST | This option introduced with PSS\*1\*140. | | | |  |
| ITEM: PSS DEF MED ROUTE OI RPT |  |
| **NAME: PSS DEF MED ROUTE OI RPT**  MENU TEXT: Default Med Route For OI Report TYPE: print  DIC {DIP}: PS(50.7, L.: 0  FLDS: [PSS DEF MED ROUTE FOR OI] BY: [PSS DEF MED DHD: [PSS HDR DEF MED ROUTE]  UPPERCASE MENU TEXT: DEFAULT MED ROUTE FOR OI REPOR | | ROUTE | FOR | OI] |  |

The following options were retrieved from VA FileMan and reflect the new options added to PDM following the installation of patch PSS\*1\*147.

**NAME: PSS ADDITIVE/SOLUTION REPORTS**

MENU TEXT: IV Additive/Solution Reports TYPE: menu

DESCRIPTION: This Sub-Menu contains options that can be used to run reports from the IV ADDITIVES (#52.6) File and the IV SOLUTIONS (#52.7) File.

ITEM: PSS IV ADDITIVE REPORT DISPLAY ORDER: 1

ITEM: PSS IV SOLUTION REPORT DISPLAY ORDER: 2 UPPERCASE MENU TEXT: IV ADDITIVE/SOLUTION REPORTS

**NAME: PSS IV ADDITIVE REPORT**

MENU TEXT: IV Additive Report TYPE: run routine

DESCRIPTION: This report will display entries from the IV ADDITIVES (#52.6) File. The display selection choices will be for all IV Additives, only IV Additives whose ADDITIVE FREQUENCY (#18) Field is set to '1 BAG/DAY', or only those IV Additives whose ADDITIVE FREQUENCY (#18) Field is null.

ROUTINE: REP^PSSADRPT

UPPERCASE MENU TEXT: IV ADDITIVE REPORT

# Routines

The following routines are used by the Pharmacy Data Management package.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PSS129EN | PSS147EN | PSS147PO | PSS32P3 | PSS32P5 | PSS50 |
| PSS50A | PSS50A1 | PSS50AQM | PSS50ATC | PSS50B | PSS50B1 |
| PSS50B2 | PSS50C | PSS50C1 | PSS50CMP | PSS50D | PSS50DAT |
| PSS50DOS | PSS50E | PSS50F | PSS50F1 | PSS50LAB | PSS50NDF |
| PSS50P4 | PSS50P66 | PSS50P7 | PSS50P7A | PSS50TMP | PSS50WS |
| PSS51 | PSS51P1 | PSS51P15 | PSS51P1A | PSS51P1B | PSS51P1C |
| PSS51P2 | PSS51P5 | PSS52P6 | PSS52P6A | PSS52P6B | PSS52P7 |
| PSS52P7A | PSS54 | PSS55 | PSS551 | PSS55MIS | PSS59P7 |
| PSS781 | PSSADDIT | PSSADRPT | PSSAUTL | PSSCHENV | PSSCHPRE |
| PSSCHPST | PSSCLDRG | PSSCOMMN | PSSCPRS | PSSCPRS1 | PSSCREAT |
| PSSCSPD | PSSDAWUT | PSSDDUT | PSSDDUT2 | PSSDDUT3 | PSSDEE |
| PSSDEE1 | PSSDEE2 | PSSDELOI | PSSDENT | PSSDFEE | PSSDGUPD |
| PSSDI | PSSDIN | PSSDOS | PSSDOSCR | PSSDOSCX | PSSDOSED |
| PSSDOSER | PSSDOSRP | PSSDSDAT | PSSDSPON | PSSDSPOP | PSSDTR |
| PSSENV | PSSENVN | PSSFIL | PSSFILED | PSSFILES | PSSGENM |
| PSSGIU | PSSGMI | PSSGS0 | PSSGSH | PSSHELP | PSSHL1 |
| PSSHLSCH | PSSHLU | PSSJEEU | PSSJORDF | PSSJSPU | PSSJSPU0 |
| PSSJSV | PSSJSV0 | PSSJXR | PSSJXR1 | PSSJXR10 | PSSJXR11 |
| PSSJXR12 | PSSJXR13 | PSSJXR14 | PSSJXR15 | PSSJXR16 | PSSJXR17 |
| PSSJXR18 | PSSJXR19 | PSSJXR2 | PSSJXR20 | PSSJXR21 | PSSJXR22 |
| PSSJXR4 | PSSJXR5 | PSSJXR6 | PSSJXR7 | PSSJXR8 | PSSJXR9 |
| PSSLAB | PSSLDALL | PSSLDEDT | PSSLDOSE | PSSLDOSE | PSSLOOK |
| PSSMARK | PSSMATCH | PSSMEDCH | PSSMEDRQ | PSSMEDRT | PSSMEDX |
| PSSMIRPT | PSSMRTUP | PSSMRTUX | PSSMSTR | PSSNDCUT | PSSNOUNR |
| PSSNTEG | PSSOICT | PSSOICT1 | PSSOPKI | PSSOPKI1 | PSSORPH |
| PSSORPH1 | PSSORUTL | PSSOUTSC | PSSPKIPI | PSSPKIPR | PSSPNSRP |
| PSSPO129 | PSSPOI | PSSPOIC | PSSPOID1 | PSSPOID2 | PSSPOID3 |
| PSSPOIDT | PSSPOIKA | PSSPOIM | PSSPOIM1 | PSSPOIM2 | PSSPOIM3 |
| PSSPOIMN | PSSPOIMO | PSSPOST | PSSPOST1 | PSSPOST2 | PSSPOST5 |
| PSSPRE | PSSPRETR | PSSPRMIX | PSSPRUTL | PSSQORD | PSSREF |
| PSSREMCH | PSSSCHED | PSSSCHRP | PSSSOLI1 | PSSSOLIT | PSSSPD |
| PSSSUTIL | PSSSYN | PSSTRENG | PSSUTIL | PSSUTLA1 | PSSUTLPR |
| PSSVIDRG | PSSVX6 | PSSVX61 | PSSVX62 | PSSVX63 | PSSVX64 |
| PSSVX65 | PSSVX66 | PSSWMAP | PSSWRNA | PSSWRNB | PSSWRNE |
| PSSYSP |  |  |  |  |  |

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The PDM menu that was exported with the original PDM package has been modified to include subsequent changes and patches.

The PDM menu up to and including PSS\*1\*147 appears below. PSS\*1\*147 was the last patch to affect a change to the PDM menu.

Pharmacy Data Management [PSS MGR]

When using the *CMOP Mark/Unmark (Single drug)* [PSSXX MARK] option to mark a drug for CMOP the user **must** update the cost information in the DRUG file (#50) to ensure the cost data for each prescription fill will be correct.

CMOP Mark/Unmark (Single drug) [PSSXX MARK] 

Dosages…

[PSS DOSAGES MANAGEMENT]

Auto Create Dosages

[PSS DOSAGE CONVERSION]

Dosage Form File Enter/Edit [PSS DOSAGE FORM EDIT]

Enter/Edit Dosages [PSS EDIT DOSAGES]

Most Common Dosages Report [PSS COMMON DOSAGES]

Noun/Dosage Form Report

[PSS DOSE FORM/ NOUN REPORT]

Review Dosages Report

[PSS DOSAGE REVIEW REPORT]

Local Possible Dosages Report

[PSS LOCAL POSSIBLE DOSAGES]

Request Change to Dose Unit [PSS DOSE UNIT REQUEST]

Drug Enter/Edit

[PSS DRUG ENTER/ EDIT]

Drug Interaction Management… [PSS DRG INTER MANAGEMENT]

Enter/Edit Local Drug Interaction [PSS INTERACTION LOCAL ADD]

Report of Locally Entered Interactions [PSS REPORT LOCAL INTERACTIONS]

Electrolyte File (IV)

[PSSJI ELECTROLYTE FILE]

Lookup into Dispense Drug File [PSS LOOK]

Medication Instruction Management ...

[PSS MED INSTRUCTION MANAGEMENT]

Medication Instruction File Add/Edit *<<Moved from main PSS MGR menu*

[PSSJU MI]

Medication Instruction File Report [PSS MED INSTRUCTION REPORT]

Medication Routes Management ...

[PSS MEDICATION ROUTES MGMT]

Medication Route File Enter/Edit *<<Moved from main PSS MGR menu*

[PSS MEDICATION ROUTES EDIT]

Medication Route Mapping Report

[PSS MED ROUTE MAPPING REPORT]

Medication Route Mapping History Report [PSS MED ROUTE MAPPING CHANGES]

Request Change to Standard Medication Route [PSS MEDICATION ROUTE REQUEST]

Default Med Route for OI Report [PSS DEF MED ROUTE OI RPT]

Orderable Item Management

[PSS ORDERABLE ITEM MANAGEMENT]

Edit Orderable Items

[PSS EDIT ORDERABLE ITEMS]

Dispense Drug/Orderable Item Maintenance [PSS MAINTAIN ORDERABLE ITEMS]

Enter/Edit Dosages [PSS EDIT DOSAGES]

Request Change to Dose Unit [PSS DOSE UNIT REQUEST]

Mark PreMix Solutions

[PSS MARK PREMIX SOLUTIONS]

IV Solution Report

[PSS IV SOLUTION REPORT]

Administration Schedule File Report [PSS SCHEDULE REPORT]

Medication Instruction File Report [PSS MED INSTRUCTION REPORT]

IV Additive/Solution Reports…

[PSS ADDITIVE/SOLUTION REPORTS]

IV Additive Report

[PSS IV ADDITIVE REPORT]

IV Solution Report

[PSS IV SOLUTION REPORT]

Warning Builder

[PSS WARNING BUILDER]

Warning Mapping

[PSS WARNING MAPPING]

 Locked: PSXCMOPMGR

Without the PSXCMOPMGR key, the *CMOP Mark/Unmark (Single drug)* option will not appear on your menu.



A post-installation routine for patch PSS\*1\*61 identifies those drugs with discrepancies between the CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT file (#50.68) and DEA, SPECIAL HDLG field (#3) of the DRUG file (#50). Four mail messages are generated and sent to the installer and to holders of the PSNMGR keys: These mail messages can be re-generated on demand using the Controlled Substances/PKI Reports [PSS CS/PKI REPORTS] menu added with this patch.

The post-install also checks to see if the DEA, SPECIAL HDLG field (#3) of the DRUG file (#50) is null and if the drug is matched to an entry in the VA PRODUCT file (#50.68), and the CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT file (#50.68) has data, then it updates the DEA, SPECIAL HDLG field (#3) of the DRUG file (#50) with the DEA, SPECIAL HDLG code mapped to corresponding CS FEDERAL SCHEDULE code.

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# Protocols

NAME: PSS EXT MFU CLIENT

DESCRIPTION: This protocol will be used as the ACK from the external interface for a MFN\_M01 message.

NAME: PSS EXT MFU SERVER

DESCRIPTION: This protocol will be used to send even notification and data when new drugs are added to the DRUG file (#50) and when certain fields are updated in the same file. This information will be sent to the automated dispensing machines through HL7 V.2.4 formatted messages.

NAME: PSS HUI DRUG UPDATE

DESCRIPTION: This protocol will be used to send event notification and data when new drugs are added to the Drug file (#50) and when certain fields are updated in same file.

NAME: PSS MED ROUTE RECEIVE

DESCRIPTION: This protocol processes updates to the Standard Medication Routes (#51.23) File.

# HL7 Messaging with an External System

## New Protocol

A new protocol, PSS HUI DRUG UPDATE, is exported and has been created to generate HL7 messages when new drugs are added to the DRUG file (#50) and existing entries are updated. This protocol is exported with the text “DELETE ONLY TO SEND DRUG UPDATE MESSAGES” in the DISABLE field (#2) of the PROTOCOL file (#101). To activate the sending of these HL7 messages, the text from the DISABLE field (#2) of the PROTOCOL file (#101) must be deleted and at least one receiving protocol added as a subscriber. The drug data elements included in the HL7 message are defined in the table below.

## HL7 Drug Message Segment Definition Table

When the PSS HUI DRUG UPDATE protocol is enabled, the following table defines the data elements sent in each segment of the HL7 drug message.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Segment** | **Piece** | **Field Name** | **HL7 TBL**  **# or Data Type** | **Description** |
| **MSH** | 1 | | | ST | Field Separator |
|  | 2 | ^~\& | ST | Encoding Characters |
|  | 3 | Pharmacy | No  suggested value | Sending Application |
|  | 9 | MFN | 0076 | Message Type |
|  |  |  |  |  |
| **MFI** | 1 | 50^DRUG^99PSD | 0175 | Master File ID |
|  | 3 | UPD | 0178 | File-Level Event Code |
|  | 6 | NE | 0179 | Response Level Code |
|  |  |  |  |  |
| **MFA** | 1 | MUP/MAD | 0180 | UPDATE/ADD |
|  |  |  |  |  |
| **MFE** | 1 | MUP/MAD | 0180 | UPDATE/ADD |
|  | 4 | IEN^DRUG  NAME^99PSD |  | File 50 Entry |
|  |  |  |  |  |
| **ZPA** | 1 | NDC | ST | National Drug Code |
|  | 2 | LOCAL NON-  FORMULARY | CE | If “1” true |
|  | 3 | INACTIVE DATE | DT | HL7 Format (YYYYMMDD) |
|  | 4 | APPLICATION  PACKAGE USE | ST | Used by what packages |
|  | 5 | MESSAGE | ST | Info on drug |
|  | 6 | VA  CLASSIFICATION | ST | VA Class |
|  | 7 | DEA SPECIAL  HDLG | ST | How drug is dispense based on DEA  codes |
|  | 8 | FSN | ST | Federal Stock # |
|  | 9 | WARNING LABEL | ST | Drug Warnings for patient |
|  | 10 | VISN NON-  FORMULAR | CE | If ‘1’ true |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Segment** | **Piece** | **Field Name** | **HL7 TBL**  **# or Data Type** | **Description** |
| **ZPB** | 1 | PHARMACY  ORDERABLE ITEM | CE | IEN^OI tied to dispense drug^PSD50.7 |
|  | 2 | DOSAGE FORM | ST | IEN^Dosage Form associated with  OI^PSD50.606 |
|  | 3 | MEDICATION  ROUTE | ST | IEN^Med Route associated with  OI^PSD51.2 |
|  | 4 | PSNDF VA PRODUCT NAME ENTRY | CE | IEN^VA PRODUCT NAMES^PSD50.68 |
|  | 5 | DISPENSE UNIT | ST | Dispense Unit for a drug |
|  | 6 | CMOP DISPENSE | CE | 1 or 0 |
|  | 7 | OP EXTERNAL  DISPENSE | CE | 1 or 0 |
|  | 8 | EXPIRATION  DATE | DT | HL7 Format (YYYYMMDD) |
|  | 9 | LAB TEST  MONITOR | CE | IEN^Lab Test^LAB60 |
|  |  |  |  |  |
| **ZPC** | 1 | SPECIMEN TYPE | CE | IEN^ SPECIMEN TYPE^LAB61 |
|  | 2 | MONITOR ROUTINE | ST | Program that runs to find lab test and results |
|  | 3 | LAB MONITOR MARK | CE | If ‘1’ true |
|  | 4 | STRENGTH | NM | Dose of drug |
|  | 5 | UNIT | CE | IEN^Unit of measure^PSD50.607 |
|  | 6 | PRICE PER ORDER UNIT | NM |  |
|  | 7 | PRICE PER  DISPENSE UNIT | NM |  |
|  |  |  |  |  |
| **[{ZPD}]** | 1 | SYNONYM | ST | Trade Name |
|  | 2 | NDC CODE | ST | National Drug Code |
|  | 3 | INTENDED USE | CE | CE^INTENTED USE |
|  | 4 | VSN | ST | Vendor Stock Number |
|  | 5 | ORDER UNIT | CE | IEN^ABBREVIATION^EXPANSION  ^PSD51.5 |
|  | 6 | PRICE PER ORDER  UNIT | NM |  |
|  | 7 | DISPENSE UNITS  PER ORDER UNIT | NM |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Segment** | **Piece** | **Field Name** | **HL7 TBL**  **# or Data Type** | **Description** |
|  | 8 | PRICE PER  DISPENSE UNIT | NM |  |
|  | 9 | VENDOR | ST | Vendor |
|  |  |  |  |  |
| **[{ZPE}]** | 1 | ACTIVITY LOG | DT | HL7 Format  YYYYMMDDHHMM[SS]-ZZZZ |
|  | 2 | REASON | CE | E^EDIT |
|  | 3 | INITIATOR OF  ACTIVITY | CE | IEN^NEW PERSON^VA200 |
|  | 4 | FIELD EDITED | ST |  |
|  | 5 | NEW VALUE | ST |  |
|  | 6 | NDF UPDATE | ST |  |
|  |  |  |  |  |
| **[{ZPF}]** | 1 | DISPENSE UNITS  PER DOSE | NM |  |
|  | 2 | DOSE | NM |  |
|  | 3 | PACKAGE | CE | CE^PACKAGE(S) |
|  | 4 | BCMA UNITS PER  DOSE | NM |  |
|  |  |  |  |  |
| **[{ZPG}]** | 1 | CLOZAPINE LAB  TEST | CE | IEN^LAB TEST^LAB60 |
|  | 2 | MONITOR MAX  DAYS | NM |  |
|  | 3 | SPECIMEN TYPE | CE | IEN^ SPECIMEN TYPE^LAB61 |
|  | 4 | TYPE OF TEST | CE | 1^WBC or 2^ANC |
|  |  |  |  |  |
| **[{ZPH}]** | 1 | LOCAL POSSIBLE  DOSAGE | ST | FREE TEXT |
|  | 2 | PACKAGE | CE | CE^PACKAGE(S) |
|  | 3 | BCMA UNITS PER  DOSE | NM |  |

## New Protocol

Two new protocols, PSS EXT MFU CLIENT and PSS EXT MFU SERVER, are exported and have been created to generate HL7 messages when new drugs are added to the DRUG file (#50) and existing entries are updated. These protocols can only be activated by setting the following parameters in the OUTPATIENT SITE file (#59):

* AUTOMATED DISPENSE field (#105) needs to be set to **2.4**.
* ENABLE MASTER FILE UPDATE field (#105.2) needs to be set to **YES**.
* LOGICAL LINK field (#2005) needs to be set to **PSO DISP**.
* DISPENSE DNS NAME field (#2006) needs to be set to the dispensing system DNS name (for example, **dispensemachine1.vha.med.va.gov**).
* DISPENSE DNS PORT field (#2007) needs to be set to the dispensing system port number.

## Specific Transaction

The Pharmacy/Treatment Encoded Order Message is as follows:

MFN Master File Notification Message MSH Message Header

MFI Master File Identifier

{MFE Master File Entry

{{ZPA} Drug File Information

{RXD} Pharmacy/Treatment Dispense

{OBR}} Observation Request

}

## Example:

MSH|~^\&|PSS VISTA|521~FO-BIRM.VHA.MED.VA.GOV~DNS|PSS DISPENSE|~DISPENSE1.VHA.MED.VA.GOV:9300~DNS|20030701||MFN~M01~MFN\_M01|10001|P|2.4|||AL|AL MFI|50~DRUG~99PSD||UPD|||NE

MFE|MUP|||PROPANTHELINE 15MG TAB

ZPA|PROPANTHELINE 15MG TAB|N|LFN~Local Non-Formulary~Pharm Formulary Listing|20031226|Take with food|DE200|6|P|50~6505-00-960-8383~LPS50|8~NO ALCOHOL~LPS54|229~Bacitracin~LPSD50.7|3~CAP,ORAL~LPSD50.606|15~IV PUSH~LPSD51.2|3643~ATROPINE SO4

0.4MG TAB~LPSD50.68|OP~OP Dispense~99OP|20030830|9~Rubella~LLAB60|72~Hair of Scalp~LLAB61|PSOCLO1|N|100|20~MG~LPSD50.607|4.28&USD~UP|15.64&USD~UP|TAB|2|BLUE HOUSE VENDOR|0010-0501-33|TRADENAME

RXD||||1|||||1|||~P&200&LPSD50.0903||||||||||||O OBR||||1102~ACETAZOLAMIDE~LLAB60|||||||||||70&NECK&LLAB61|||||||||WBC|||7

## HL7 Drug Message Segment Definition Table

When the PSS EXT MFU SERVER protocol is enabled, the following table defines the data elements sent in each segment of the HL7 drug message.

Segments used in the Master File Update message:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SEGMENT** | **SEQ#** | **LEN** | **DT** | **R/O** | **RP/#** | **TBL#** | **ELEMENT NAME** | **EXAMPLE** |
| MSH | 1 | 1 | ST | R |  |  | Field Separator | | |
|  | 2 | 4 | ST | R |  |  | Encoding Characters | ~^\& |
|  | 3 | 180 | HD | R |  | 0361 | Sending Application | PSS VISTA |
|  | 4 | 180 | HD | R |  | 0362 | Sending Facility – station ID and station DNS name | 521~FO- BIRM.MED.VA.  GOV~DNS |
|  | 5 | 180 | HD | R |  | 0361 | Receiving Application | PSS DISPENSE |
|  | 6 | 180 | HD | R |  | 0362 | Receiving Facility – DNS name and port of  dispensing machine | ~DISPENSE.VH A.MED.VA.GOV  :9300~DNS |
|  | 7 | 26 | TS |  |  |  | Date/Time of Message | 20040405152416 |
|  | 9 | 15 | CM | R | 0076 |  | Message Type | MFN\_M01 |
|  | 10 | 20 | ST | R |  |  | Message Control ID | 10001 |
|  | 11 | 3 | PT | R | 0103 |  | Processing ID | P |
|  | 12 | 3 | VID | R | 0104 |  | Version ID | 2.4 |
|  | 15 | 2 | ID |  |  | 0155 | Accept Ack. Type | AL |
|  | 16 | 2 | ID |  |  | 0155 | Application Ack Type | AL |
|  | | | | | | | | |
| MFI | 1 | 250 | CE | R |  | 0175 | Master File Identifier | 50^DRUG^99PS D |
|  | 3 | 3 | ID | R |  | 0178 | File-Level Event Code | UPD |
|  | 6 | 2 | ID | R |  | 0179 | Response Level Code | NE |
|  | | | | | | | | |
| MFE | 1 | 3 | ID | R |  | 0180 | Record-Level Event Code | MUP |
|  | 4 | 200 | Varies | R |  |  | Primary Key Value – MFE | PROPANTHELI  NE 15MG TAB |
|  | | | | | | | | |
| ZPA | 1 | 200 | Varies | R |  |  | Primary Key Value – ZPA | PROPANTHELI  NE 15MG TAB |
|  | 2 | 1 | ID | R |  | 0136 | Is Synonym | N |
|  | 3 | 200 | CE | R |  |  | Formulary Listing | LFN~Local Non-  Formulary~Pharm Formulary Listing |
|  | 4 | 10 | DT | O |  |  | Inactive Date | 20031226 |
|  | 5 | 200 | ST | O |  |  | Drug Message | Take with Food |
|  | 6 | 30 | ST | O |  |  | Drug Classification | DE200 |
|  | 7 | 10 | ST | O |  |  | DEA-Schedule Code | 6 |
|  | 8 | 1 | ST | O |  |  | DEA-Drug Type | P |
|  | 9 | 100 | CE | R |  |  | Stock Number | 50~6505-00-960-  8383~LPS50 |
|  | 10 | 100 | CE | O |  |  | Warning Label | 8~NO ALCOHOL~LPS  54 |

Segments used in the Master File Update message: (continued)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SEGMENT** | **SEQ#** | **LEN** | **DT** | **R/O** | **RP/#** | **TBL#** | **ELEMENT NAME** | **EXAMPLE** |
|  | 11 | 100 | CE | O |  |  | Pharmacy Orderable Item | 229~Bacitracin~L  PSD50.7 |
|  | 12 | 100 | CE | O |  |  | Dosage Form | 3~CAP,ORAL~L  PSD50.606 |
|  | 13 | 100 | CE | O |  |  | Medication Route | 15~IV  PUSH~LPSD51.2 |
|  | 14 | 100 | CE | O |  |  | Drug Name Identifiers | 3643~ATROPIN E SO4 0.4MG  TAB~LPSD50.68 |
|  | 15 | 100 | CE | O |  |  | Dispense Flags | OP~OP  Dispense~99OP |
|  | 16 | 15 | DT | O |  |  | Drug Expiration Date | 20030830 |
|  | 17 | 100 | CE | O |  |  | Lab Test Monitor | 9~Rubella~LLAB  60 |
|  | 18 | 100 | CE | O |  |  | Specimen Type | 72~Hair of  Scalp~LLAB61 |
|  | 19 | 10 | CE | O |  |  | Monitor Routine | PSOCLO1 |
|  | 20 | 1 | ID | O |  |  | Lab Monitor Mark | N |
|  | 21 | 50 | NM | O |  |  | Strength | 100 |
|  | 22 | 250 | CE | R |  |  | Unit | 20~MG~LPSD50.  607 |
|  | 23 | 50 | CP | R |  |  | Price Per Order Unit | 4.28&USD~UP |
|  | 24 | 50 | CP | R |  |  | Price Per Dispense Unit | 15.64&USD~UP |
|  | 25 | 25 | ST | O |  |  | Dispense Unit | TAB |
|  | 26 | 50 | NM | O |  |  | Dispense Units Per Order  Unit | 2 |
|  | 27 | 50 | ST | O |  |  | Vendor | BLUE HOUSE  VENDOR |
|  | 28 | 12 | ST | O |  |  | NDC Code | 0010-0501-33 |
|  | 29 | 25 | ST | O |  |  | Intended Use | TRADE NAME |
|  | | | | | | | | |
| RXD | 4 | 20 | NM | R |  |  | Actual Dispense Amount | 1 |
|  | 8 | 20 | NM | R |  |  | Dispense Notes | 1 |
|  | 12 | 10 | CQ | O |  |  | Total Daily Dose | ~P&200&LPSD5  0.0903 |
|  | 24 | 2 | ID | R |  |  | Dispense Package Method | O |
|  | | | | | | | | |
| OBR | 4 | 250 | CE | O |  |  | Universal Service Identifier | 1102~ACETAZO LAMIDE~LLAB  60 |
|  | 15 | 300 | CM | O |  |  | Specimen Source | 70&NECK&LLA B61 |
|  | 24 | 3 | ID | R |  |  | Diagnostic Serv Sect ID | WBC |
|  | 27 | 200 | TQ | O |  |  | Quantity/Timing | 7 |

Notes pertaining to some of the data elements:

[MSH-3] Sending Application is the station ID along with the DNS name of the sending facility.

[MSH-5] Receiving Application is the DNS name and DNS port number of the dispensing application.

[MSH-10] Message Control ID is the number that uniquely identifies the message. It is returned in MSA-2 of the dispense completion message.

[MFI-1] Master File Identifier is hard-coded to 50~DRUG~99PSD.

[MFE-1] Record-Level Event Code can be either MUP for Update or MAD for Add.

[MFE-4] Primary Key Value – MFE is the GENERIC NAME field (#.01) from the DRUG file (#50).

[ZPA-1] Primary Key Value – ZPA will be the generic name of the drug first and then all synonyms will follow in consecutive ZPA segments.

[ZPA-2] Is Synonym is set to Y or N depending on whether the primary key is a synonym.

[ZPA-3] Formulary Listing will contain LFN and/or VISN is the formulary is not to appear on the Local or VISN formulary.

[ZPA-9] Stock Number is the FSN field (#6) from the DRUG file (#50) or the VSN field (#400) from the SYNONYM subfile (#50.1) of the PRESCRIPTION file (#50).

[ZPA-15] Dispense Flags will indicate if this drug may be dispensed to an external interface and if it is marked to be dispensed at a Consolidated Outpatient Pharmacy (CMOP). If both are yes, the answer would be OP~OP Dispense~Pharm dispense^CMOP~CMOP dispense~Pharm dispense flag.

[ZPA-29] Intended User will be TRADE NAME, QUICK CODE, DRUG ACCOUNTABILITY or CONTROLLED SUBSTANCES.

[RXD-4] Actual Dispense Amount is the BCMA UNITS PER DOSE field (#3) from the POSSIBLE DOSAGES file (#50.0903).

[RXD-9] Dispense Notes is the DISPENSE UNITS PER DOSE field (#.01) from the POSSIBLE DOSAGES file (#50.0903).

[RXD-12] Total Daily Dose will be either P for Possible Dosages or LP for Local Possible Dosages. [OBR-4] Universal Service Identifier is used for Clozapine Lab Test.

[OBR-15] Specimen Source is used for Clozapine Specimen Type. [OBR-24] Diagnostic Serv Sect ID is used for Clozapine Type of Test.

[OBR-27] Quantity/Timing is used to encode Monitor Max days from the CLOZAPINE LAB TEST file (#50.02).

# Security Management

The PDM package does not contain any VA FileMan security codes except for programmer security (@) on the data dictionaries for the PDM files. Security with respect to standard options in the module is implemented by carefully assigning options to users and by the use of security keys.

# Mail Groups

Patch PSS\*1\*147 creates a new mail group called PSS ORDER CHECKS. The mail group description below was retrieved from VA FileMan. The IRM Pharmacy support and Pharmacy ADPACs (and backups) should at a minimum be added to this mail group.

**NAME: PSS ORDER CHECKS**

TYPE: public

DESCRIPTION: Members of this mail group will receive various notifications that impact Enhanced Order Checks (drug-drug interactions, duplicate therapy and dosing checks) introduced with PRE V. 0.5 utilizing a COTS database.

# Alerts

There are no alerts in the PDM package.

# Remote Systems

PDM does not transmit data to any remote system or facility.

# Archiving/Purging

There are no archiving and purging functions necessary with the PDM package.

# Contingency Planning

Sites utilizing the PDM package should develop a local contingency plan to be used in the event of product problems in a live environment. The facility contingency plan must identify the procedure for maintaining functionality provided by this package in the event of system outage. Field station Information Security Officers (ISOs) may obtain assistance from their Regional Information Security Officer (RISO).

# Interfacing

There are no specialized products embedded within or required by the PDM package.

# Electronic Signatures

No electronic signatures are utilized in the PDM package.

# Menus

The *Pharmacy Data Management* menu that is exported with the initial release of the PDM package is as follows.

*\*Primary/VA Generic Orderable Item Report*

*\*VA Generic Orderable Item Report*

*\*Create Pharmacy Orderable Items*

*\*Manually Match Dispense Drugs*

*\*Orderable Item Matching Status CMOP Mark/Unmark (Single drug)*

*Locked with PSXCMOPMGR Drug Enter/Edit*

***IMPORTANT:*** Once Pharmacy Data Management is installed, the *Outpatient Drug Enter/Edit* and the *Inpatient Medications Dispense Drug Fields* options will be disabled and the *PDM Drug Enter/Edit* option should be used.

*Drug Interaction Management...*

*Enter/Edit Local Drug Interaction Edit Drug Interaction Severity*

*Electrolyte File (IV)*

*Lookup into Dispense Drug File*

*Med. Route/Instructions Table Maintenance Medication Instruction File Add/Edit Orderable Item Management...*

*Edit Orderable Items*

*Dispense Drug/Orderable Item Maintenance Additive/Solutions, Orderable Items*

*Orderable Item Report*

*\*Primary Drug Edit*

*Pharmacy System Parameters Edit Standard Schedule Edit*

\* These items are for pre-release only and will be deleted with the installation Outpatient Pharmacy V. 7.0 and Inpatient Medications V. 5.0.

The PDM menu up to and including the release of PSS\*1\*147 appears below. PSS\*1\*147 was the last patch to affect a change to the PDM menu.

*CMOP Mark/Unmark (Single drug) * *Dosages ...*

*Auto Create Dosages Dosage Form File Enter/Edit Enter/Edit Dosages*

*Most Common Dosages Report Noun/Dosage Form Report Review Dosages Report*

*Local Possible Dosages Report Request Change to Dose Unit*

*Drug Enter/Edit*

*Drug Interaction Management ...*

*Enter/Edit Local Drug Interaction Report of Locally Entered Interactions*

*Electrolyte File (IV)*

*Lookup into Dispense Drug File Medication Instruction Management*

*Medication Instruction File Add/Edit Medication Instruction File Report*

*Medication Routes Management Medication Route File Enter/Edit Medication Route Mapping Report*

*Medication Route Mapping History Report Request Change to Standard Medication Route Default Med Route for OI Report*

*Orderable Item Management ...*

*Edit Orderable Items*

*Dispense Drug/Orderable Item Maintenance Orderable Item/Dosages Report*

*Patient Instructions Report Orderable Item Report*

*Formulary Information Report Drug Text Management*

*Drug Text Enter/Edit Drug Text File Report*

*Pharmacy System Parameters Edit Standard Schedule Management*

*Standard Schedule Edit Administration Schedule File Report*

*Synonym Enter/Edit*

*Other Language Translation Setup*

*Controlled Substances/PKI Reports*

*DEA Spec Hdlg & CS Fed Sch Discrepancy Controlled Substances Not Matched to NDF CS (DRUGS) Inconsistent with DEA Spec Hdlg*

*CS (Ord. Item) Inconsistent with DEA Spec Hdlg Send Entire Drug File to External Interface*

*\*\*Enhanced Order Checks Setup Menu*

*Find Unmapped Local Medication Routes Map Local Medication Route to Standard Medication Route Mapping Report Medication Route File Enter/Edit Medication Route Mapping History Report*

*Request Change to Standard Medication Route Find Unmapped Local Possible Dosages*

*Map Local Possible Dosages Local Possible Dosages Report Strength Mismatch Report Enter/Edit Dosages*

*Request Change to Dose Unit Mark PreMix Solutions*

*IV Solution Report*

*Administration Schedule File Report Medication Instruction File Report*

*IV Additive/Solution Reports IV Additive Report*

*IV Solution Report Warning Builder Warning Mapping*

Locked: PSXCMOPMGR

Without the PSXCMOPMGR key, the *CMOP Mark/Unmark (Single drug)* option will not appear on your menu.



Other Language Translation Setup [PSS OTHER LANGUAGE SETUP] option is a stand-alone option that must be assigned to the person(s) responsible for maintaining it.

\*\* This menu is for the Pharmacy Reengineering (PRE) Version 0.5 Pre-Release only and will be deleted with the installation of PRE V. 0.5.

# Security Keys

In order to mark or edit package specific fields in a DRUG file (#50) entry, the user must hold the corresponding package key. The keys are assigned for the individual packages. PDM does not export any of these keys.

**Package Keys**

Outpatient Pharmacy PSORPH

Inpatient Medications PSJU MGR

Inpatient Medications PSJI MGR

Automatic Replenishment/Ward Stock PSGWMGR

Drug Accountability/Inventory Interface PSAMGR Drug Accountability/Inventory Interface PSA ORDERS Controlled Substances PSDMGR

National Drug File PSNMGR

Consolidated Mail Outpatient Pharmacy PSXCMOPMGR

Patch PSS\*1\*147 exports the following four security keys, that will be used by the Pharmacy Enterprise Customization System (PECS) application. Only a few users who will be granted access to the PECS application will need one or more keys assigned based on their role.

Assignment of these keys should be by request only. The security key descriptions were retrieved from VA FileMan.

**NAME: PSS\_CUSTOM\_TABLES\_ADMIN**

DESCRIPTIVE NAME: ADMINISTRATOR

DESCRIPTION: This key is used by the Pharmacy Enterprise Customization System (PECS) web application. Holders of this key will have the ability to perform configuration and administrative tasks for the application. They will also have querying capabilities.

**NAME: PSS\_CUSTOM\_TABLES\_APPROVER**

DESCRIPTIVE NAME: APPROVER

DESCRIPTION: This key is used by the Pharmacy Enterprise Customization System (PECS) web application. Holders of this key will have the same privileges as those with the PSS CUSTOM TABLES REQUESTOR key. Additional capabilities will be to review, approve, delete or reject customization requests and to view and generate reports.

**NAME: PSS\_CUSTOM\_TABLES\_REL\_MAN**

DESCRIPTIVE NAME: RELEASE MANAGER

DESCRIPTION: This key is used by the Pharmacy Enterprise Customization System (PECS) web application. Holders of this key will have the ability to create file updates for FDB database tables to be applied at local facilities. They will also have querying capabilities.

**NAME: PSS\_CUSTOM\_TABLES\_REQUESTOR**

DESCRIPTIVE NAME: REQUESTOR

DESCRIPTION: This key is used by the Pharmacy Enterprise Customization System (PECS) web application. Holders of this key will be allowed to enter customization requests, display and view the status of their own requests. They will also have limited querying capabilities