

PHARMACY DATA MANAGEMENT

**TECHNICAL MANUAL/ SECURITY GUIDE**

## Version 1.0

September 1997

(Revised February 2009)

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** |
| 02/09 | 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 |
| 01/09 | 24b-d, 25,  29-31b, 48-52 | PSS\*1\*129 | Pharmacy Re-Engineering (PRE) V.0.5 Pre-Release. Restructured main menu and added new *Enhanced Order Checks Setup Menu*. Added six new routines  PSSLDALL, PSDLDEDT, PSSMEDCH, PSSMEDRQ,  PSSMEDRT and PSSPRUTL and 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 |
| 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 |

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| **Date** | **Revised Pages** | **Patch Number** | **Description** |
| 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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*(This page included for two-sided copying.)*

The option description below was retrieved from VA FileMan and reflects the new option added to PDM following the installation of patch PSS\*1\*47. *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.

**NAME: PSS OTHER LANGUAGE SETUP**

MENU TEXT: Other Language Translation Setup TYPE: action

PACKAGE: PHARMACY DATA MANAGEMENT

DESCRIPTION: This option can be used to enter other language translations that will print on the outpatient pharmacy Rx labels.

ENTRY ACTION: D OTHLAN^PSSJEEU

UPPERCASE MENU TEXT: OTHER LANGUAGE TRANSLATION SET

The option description below was retrieved from VA FileMan and reflects the new option added to PDM following the installation of PSS\*1\*82.

**NAME: PSS MASTER FILE ALL**

MENU TEXT: Send Entire Drug File to External Interface TYPE: run routine

DESCRIPTION: This option will send the entire DRUG file (#50) to an external interface through HL7 messaging.

ROUTINE: PSSMSTR

UPPERCASE MENU TEXT: SEND ENTIRE DRUG FILE TO EXTER

The two option descriptions below were retrieved from VA FileMan and reflect the new options added to PDM following the installation of PSS\*1\*87.

**NAME: PSS WARNING BUILDER**

MENU TEXT: Warning Builder TYPE: run routine

DESCRIPTION: This option will allow you to define a custom warning label list containing entries from both the new warning label source and the old Rx Consult file entries.

ROUTINE: PSSWRNB

UPPERCASE MENU TEXT: WARNING BUILDER

**NAME: PSS WARNING MAPPING**

MENU TEXT: Warning Mapping TYPE: run routine

DESCRIPTION: This option is used to match an entry from the old Rx Consult file to the new commercial data source warning file to aid in using the Warning Builder (to identify local warnings that do not have an equivalent entry in the new commercial data source).

The user can also enter a Spanish translation for an Rx Consult file entry, if desired, but whenever possible, the new commercial data source's warnings (English or Spanish depending on the patient setting) should be used.

ROUTINE: EDIT^PSSWMAP

UPPERCASE MENU TEXT: WARNING MAPPING

The following options were retrieved from VA FileMan and reflect the new options added to PDM following the installation of PSS\*1\*129.

**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

This option is duplicated on the ENHANCED ORDER CHECKS SETUP menu

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME: PSS DOSE UNIT REQUEST**  MENU TEXT: Request Change to Dose Unit  TYPE: run routine | This option is duplicated on the ENHANCED ORDER CHECKS SETUP menu | |  |
| 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 MED INSTRUCTION MANAGEMENT**  MENU TEXT: Medication Instruction Management TYPE: menu  DESCRIPTION: The Sub-Menu contains options related to the MEDICATION INSTRUCTION (#51) File.  ITEM: PSSJU  ITEM: PSS MED INSTRUCTION REPORT  **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  **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 | These four options are duplicated on the ENHANCED ORDER CHECKS SETUP menu |  | |
| **NAME: PSS MEDICATION ROUTES EDIT**  MENU TEXT: Medication Route File Enter/Edit TYPE: run routine  DESCRIPTION: This option provides the ability to edit data for entries in the MEDICATION ROUTES (#51.2) File.  ROUTINE: MR^PSSDFEE  UPPERCASE MENU TEXT: MEDICATION ROUTE FILE ENTER/ED  **NAME: PSS MED ROUTE MAPPING REPORT**  MENU TEXT: Medication Route Mapping Report TYPE: run routine  DESCRIPTION: This option provides a report that shows the status of the current mapping from the Medication Routes (#51.2) File to the Standard Medication Routes (#51.23) File.  ROUTINE: REP^PSSMEDRT  UPPERCASE MENU TEXT: MEDICATION ROUTE MAPPING REPOR | | | |

|  |  |  |
| --- | --- | --- |
| **NAME: PSS MED ROUTE MAPPING CHANGES**  MENU TEXT: Medication Route Mapping History Report TYPE: run routine  DESCRIPTION: This option will provide a report that shows all of the mapping changes between entries from the MEDICATION ROUTES (#51.2) File to entries in the STANDARD MEDICATION ROUTES (#51.23) File.  ROUTINE: DRIVER^PSSMEDCH  UPPERCASE MENU TEXT: MEDICATION ROUTE MAPPING HISTO  **NAME: PSS MEDICATION ROUTE REQUEST**  MENU TEXT: Request Change to Standard Medication Route 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 STANDARD MEDICATION ROUTES (#51.23) File.  ROUTINE: REQ^PSSMEDRQ  UPPERCASE MENU TEXT: REQUEST CHANGE TO STANDARD MED  **NAME: PSS DRUG TEXT MANAGEMENT**  MENU TEXT: Drug Text Management TYPE: menu  DESCRIPTION: This Sub-Menu contains options concerning Drug Text. ITEM: PSS EDIT TEXT DISPLAY ORDER: 1  ITEM: PSS DRUG TEXT FILE REPORT DISPLAY ORDER: 2  **NAME: PSS SCHEDULE MANAGEMENT**  MENU TEXT: Standard Schedule Management TYPE: menu  DESCRIPTION: This Sub-Menu contains options needed for Schedule maintenance. ITEM: PSS SCHEDULE EDIT  ITEM: PSS SCHEDULE 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 ENHANCED ORDER CHECKS**  MENU TEXT: Enhanced Order Checks Setup Menu TYPE: menu  DESCRIPTION: This menu option contains the options needed for Pharmacy to do the appropriate setup needed to install Pharmacy Re-engineering version 0.5.  Version 0.5 mainly deals with the Enhanced Order Checks. ITEM: PSS MED ROUTES INITIAL MAPPING  ITEM: PSS MAP ONE MED ROUTE | | |
| ITEM: PSS MED ROUTE MAPPING REPORT ITEM: PSS MEDICATION ROUTES EDIT ITEM: PSS MED ROUTE MAPPING CHANGES  ITEM: PSS MEDICATION ROUTE REQUEST | These four options are duplicated on the MEDICATION ROUTES MANAGEMENT menu |  |
| ITEM: PSS LOCAL DOSAGES EDIT ALL ITEM: PSS LOCAL DOSAGES EDIT  ITEM: PSS LOCAL POSSIBLE DOSAGES << This option is duplicated on the DOSAGES menu  ITEM: PSS STRENGTH MISMATCH ITEM: PSS EDIT DOSAGES  ITEM: PSS DOSE UNIT REQUEST << This option is duplicated on the DOSAGES menu  ITEM: PSS MARK PREMIX SOLUTIONS ITEM: PSS IV SOLUTION REPORT ITEM: PSS SCHEDULE REPORT  ITEM: PSS MED INSTRUCTION REPORT | | |

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|  |  |
| **NAME: PSS MED ROUTES INITIAL MAPPING**  MENU TEXT: Find Unmapped Local Medication Routes PACKAGE: PHARMACY DATA MANAGEMENT  DESCRIPTION: This option will loop through all entries in the MEDICATION ROUTES (#51.2) File and find entries that are marked for 'ALL PACKAGES' in the PACKAGE USE (#3) Field that are not mapped to an entry in the STANDARD MEDICATION ROUTES (#51.23) File, and prompt for the mapping.  ROUTINE: MATCH^PSSMEDRT  UPPERCASE MENU TEXT: FIND UNMAPPED LOCAL MEDICATION | |
| **NAME: PSS MAP ONE MED ROUTE**  MENU TEXT: Map Local Medication Route to Standard TYPE: run routine  DESCRIPTION: This options provides the ability to select an entry from the MEDICATION ROUTES (#51.2) File and map it to an entry in the STANDARD MEDICATION ROUTES (#51.23) File.  ROUTINE: ONE^PSSMEDRT  UPPERCASE MENU TEXT: MAP LOCAL MEDICATION ROUTE TO | |
| **NAME: PSS MED ROUTE MAPPING REPORT**  MENU TEXT: Medication Route Mapping Report TYPE: run routine  DESCRIPTION: This option provides a report that shows the status of the current mapping from the Medication Routes (#51.2) File to the Standard Medication Routes (#51.23) File.  ROUTINE: REP^PSSMEDRT  UPPERCASE MENU TEXT: MEDICATION ROUTE MAPPING REPOR | |
| **NAME: PSS MED ROUTE MAPPING CHANGES**  MENU TEXT: Medication Route Mapping History Report TYPE: run routine  DESCRIPTION: This option will provide a report that shows all changes between entries from the MEDICATION ROUTES (#51.2) File the STANDARD MEDICATION ROUTES (#51.23) File.  ROUTINE: DRIVER^PSSMEDCH  UPPERCASE MENU TEXT: MEDICATION ROUTE MAPPING HISTO | of the mapping to entries in |
| **NAME: PSS MEDICATION ROUTE REQUEST**  MENU TEXT: Request Change to Standard Medication Route 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 STANDARD MEDICATION ROUTES (#51.23) File.  ROUTINE: REQ^PSSMEDRQ  UPPERCASE MENU TEXT: REQUEST CHANGE TO STANDARD MED | |
| **NAME: PSS LOCAL DOSAGES EDIT ALL**  MENU TEXT: Find Unmapped Local Possible Dosages TYPE: run routine  DESCRIPTION: This option loops through and finds entries in the LOCAL POSSIBLE DOSAGE (#50.0904) Subfile of the DRUG (#50) File without data populated in the DOSE UNIT (#4) Field and the NUMERIC DOSE (#5) Field, and will prompt for data entry into these fields. 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^PSSLDALL  UPPERCASE MENU TEXT: FIND UNMAPPED LOCAL POSSIBLE D | |
| **NAME: PSS LOCAL DOSAGES EDIT**  MENU TEXT: Map Local Possible Dosages TYPE: run routine  DESCRIPTION: This option allows edits to the DOSE UNIT (#4) Field and the NUMERIC DOSE (#5) Field that are associated with entries from the LOCAL POSSIBLE DOSAGE (#50.0904) Subfile of the DRUG (#50) File. This data needs to be populated if Dosage checks are to be performed, when that Local Possible Dosage is selected for an order.  ROUTINE: EDT^PSSLDEDT  UPPERCASE MENU TEXT: MAP LOCAL POSSIBLE DOSAGES | |

**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 |

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# Routines

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PSS129EN | 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 | 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 | PSSLOOK | PSSMARK | PSSMATCH | PSSMEDCH | PSSMEDRQ | PSSMEDRT |
| PSSMSTR | PSSMEDX | PSSMIRPT | 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 | PSSPRMIX | PSSPRETR | PSSQORD | PSSREF | PSSREMCH | PSSPRUTL |
| 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\*129 appears below. PSS\*1\*129 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]

 Locked with PSXCMOPMGR

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]

Orderable Item Management…

[PSS ORDERABLE ITEM MANAGEMENT]

Edit Orderable Items

[PSS EDIT ORDERABLE ITEMS]

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

Orderable Item/Dosages Report

[PSS ORDERABLE ITEM DOSAGES]

Patient Instructions Report

[PSS INSTRUCTIONS/ ITEMS REPORT]

Orderable Item Report *<<Moved from main PSS MGR menu*

[PSS ORDERABLE ITEM REPORT]

Formulary Information Report [PSSNFI]

Drug Text Management ...

[PSS DRUG TEXT MANAGEMENT]

Drug Text Enter/Edit *<<Moved from main PSS MGR menu*

[PSS EDIT TEXT]

Drug Text File Report *<<Moved from main PSS MGR menu*

[PSS DRUG TEXT FILE REPORT

Pharmacy System Parameters Edit [PSS SYS EDIT]

Standard Schedule Management ... [PSS SCHEDULE MANAGEMENT]

Standard Schedule Edit *<<Moved from main PSS MGR menu*

[PSS SCHEDULE EDIT]

Administration Schedule File Report

*[PSS SCHEDULE REPORT]*

Synonym Enter/Edit [PSS SYNONYM EDIT]

The *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.

Other Language Translation Setup [PSS OTHER LANGUAGE SETUP]

Controlled Substances/PKI Reports [PSS CS/PKI REPORTS]

DEA Spec Hdlg & CS Fed Sch Discrepancy [PSS DEA VS CS FED. SCH. DISCR.]

Controlled Substances Not Matched to NDF [PSS CS NOT MATCHED TO NDF]

CS (DRUGS) Inconsistent with DEA Spec Hdlg [PSS CS DRUGS INCON WITH DEA]

CS (Ord. Item) Inconsistent with DEA Spec Hdlg [PSS CS (OI) INCON WITH DEA]

Send Entire Drug File to External Interface [PSS MASTER FILE ALL]

Enhanced Order Checks Setup Menu ... [PSS ENHANCED ORDER CHECKS]

Find Unmapped Local Medication Routes [PSS MED ROUTES INITIAL MAPPING]

Map Local Medication Route to Standard [PSS MAP ONE MED ROUTE]

Medication Route Mapping Report

[PSS MED ROUTE MAPPING REPORT]

Medication Route File Enter/Edit [PSS MEDICATION ROUTES EDIT]

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

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

Find Unmapped Local Possible Dosages [PSS LOCAL DOSAGES EDIT ALL]

Map Local Possible Dosages [PSS LOCAL DOSAGES EDIT]

Local Possible Dosages Report

[PSS LOCAL POSSIBLE DOSAGES]

Strength Mismatch Report

[PSS STRENGTH MISMATCH]

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 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.

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

# 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\*129 appears below. PSS\*1\*129 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*

*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 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

# File Security

Information about all files, including these, can be obtained by using the VA FileMan to generate a list of file attributes.

### PDM Files

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **File Numbers** | **File Names** | **DD** | **RD** | **WR** | **DEL** | **LAYGO** |
| 50 DRUG @ | | | | | | |
| 50.4 DRUG ELECTROLYTES @ | | | | | | |
| 50.606 DOSAGE FORM @ @ @ @ | | | | | | |
| 50.7 PHARMACY ORDERABLE ITEM @ | | | | | | |
| 51 MEDICATION INSTRUCTION @ | | | | | | |
| 51.1 ADMINISTRATION SCHEDULE @ | | | | | | |
| 51.2 MEDICATION ROUTES @ | | | | | | |
| 51.23 STANDARD MEDICATION ROUTES @ Pp @ @ @ | | | | | | |
| 51.24 DOSE UNIT @ Pp @ @ @ | | | | | | |
| 51.5 ORDER UNIT | | | | | | |
| 51.7 DRUG TEXT @ | | | | | | |
| 52.6 IV ADDITIVES @ | | | | | | |
| 52.7 IV SOLUTIONS @ | | | | | | |
| 54 RX CONSULT | | | | | | |
| 55 PHARMACY PATIENT (Partial DD) @ P | | | | | | |
| 59.7 PHARMACY SYSTEM ^ ^ ^ ^ | | | | | | |

**Non-PDM Files**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **File Numbers** | **File Names** | **DD** | **RD** | **WR** | **DEL** | **LAYGO** |
| 200 NEW PERSON (Partial DD) # # # # # | | | | | | |
| 9009032.3 APSP INTERVENTION TYPE | | | | | | |
| 9009032.4 APSP INTERVENTION | | | | | | |
| 9009032.5 APSP INTERVENTION RECOMMENDATION | | | | | | |



Please refer to the "Sending Security Codes." section of the Kernel V. 8.0 Systems Manual for more information concerning installation of security codes.

## Glossary

**Administration Schedule File** The ADMINISTRATION SCHEDULE file (#51.1)

contains administration schedule names and standard dosage administration times. The name is a common abbreviation for an administration schedule (e.g., QID, Q4H, PRN). The administration time is entered in military time.

**CPRS** A VistA computer software package called Computerized Patient Record System. CPRS is an application in VistA that allows the user to enter all necessary orders for a patient in different packages from a single application.

**Dispense Drug** The Dispense Drug is pulled from DRUG file (#50) and usually has the strength attached to it (e.g., Acetaminophen 325 mg). Usually, the name alone without a strength attached is the Pharmacy Orderable Item name.

**Dosage Form File** The DOSAGE FORM file (#50.606) contains all dosage forms and associated data that are used by Pharmacy packages and CPRS. The dosage form is used in SIG construction, default values and in the determination of the type of each dosage created for each application.

**Dose Unit File** The DOSE UNIT file (#51.24) was created to accomplish the mapping to First Data Bank (FDB). All entries in this file have been mapped to an FDB Dose Unit. Although this file has not yet been standardized by Standards and Terminology Services (SRS), no local editing will be allowed. When populating the Dose Unit field for a Local Possible Dosage, selection will be from this new file.

**Drug Electrolytes File** The DRUG ELECTROLYTES file (#50.4) contains the

names of anions/cations, and their cations and concentration units.

**Drug File** The DRUG file (#50) holds the information related to each drug that can be used to fill a prescription or medication order. It is pointed to from several other files and should be handled carefully, usually only by special individuals in the Pharmacy Service. Entries are not typically deleted, but rather made inactive by entering an inactive date.

**Drug Interaction File** The DRUG INTERACTION file (#56) is used to store

DRUG-DRUG interactions. The file is sent out

with data pre-populated. The pre-populated data cannot be deleted, data can only be added, or the severity of the national data can be elevated locally.

**Drug Text File** The DRUG TEXT file (#51.7) stores rapidly changing drug restrictions, guidelines, and protocols to help assure medications are being used according to defined specifications.

**IV Additives File** The IV ADDITIVES file (#52.6) contains drugs that are used as Additives in the IV room. Data entered includes drug generic name, print name, drug information, synonym(s), dispensing units, cost per unit, days for IV order, usual IV schedule, administration times, electrolytes, and quick code information.

**IV Solutions File** The IV SOLUTIONS file (#52.7) contains drugs that are used as primary solutions in the IV room. The solution must already exist in the DRUG file (#50) to be selected. Data in this file includes: drug generic name, print name, status, drug information, synonym(s), volume, and electrolytes.

**Local Possible Dosages** Local Possible Dosages are free text dosages that are

associated with drugs that do not meet all of the criteria for Possible Dosages.

**Medication Instruction File** The MEDICATION INSTRUCTION file (#51) is used

by Unit Dose and Outpatient Pharmacy. It contains the medication instruction name, expansion and intended use.

**Medication Routes File** The MEDICATION ROUTES file (#51.2) contains

medication route names. The user can enter an abbreviation for each route to be used at their site. The abbreviation will most likely be the Latin abbreviation for the term.

**Medication Routes/Abbreviations** The MEDICATION ROUTES file (#51.2) contains the

medication routes and abbreviations, which are selected by each Department of Veterans Affairs Medical Centers (VAMC). The abbreviation cannot be longer than five characters to fit on labels and the Medical Administration Record (MAR). The user can add new routes and abbreviations as appropriate.

**National Drug File** The National Drug File provides standardization of the local drug files in all VA medical facilities.

Standardization includes the adoption of new drug nomenclature and drug classification and links the local drug file entries to data in the National Drug File. For drugs approved by the Food and Drug Administration (FDA), VA medical facilities have access to information concerning dosage form, strength and unit; package size and type; manufacturer’s trade name; and National Drug Code (NDC). The NDF software lays the foundation for sharing prescription information among medical facilities.

**Non-Formulary Drugs** Drugs that are not available for use by all providers.

**Orderable Item** An Orderable Item is pulled from the PHARMACY ORDERABLE ITEM file (#50.7) and usually has no strength attached to it (e.g., Acetaminophen). The name, with a strength attached, is the Dispense Drug name (e.g., Acetaminophen 325mg).

**Orderable Item File** The ORDERABLE ITEM file (#101.43) is a CPRS file that provides the Orderable Items for selection within CPRS. Pharmacy Orderable Items are a subset of this file.

**Pending Order** A pending order is one that has been entered by a provider through CPRS without Pharmacy finishing the order. Once Pharmacy has finished (and verified for Unit Dose only) the order, it will become active.

**Pharmacy Orderable Item** The Pharmacy Orderable Item is used through CPRS to

order Inpatient Medications and Outpatient Pharmacy prescriptions.

**Pharmacy Orderable Item File** The PHARMACY ORDERABLE ITEM file (#50.7)

contains the Order Entry name for items that can be ordered in the Inpatient Medications and Outpatient Pharmacy packages.

**Possible Dosages** Dosages that have a numeric dosage and numeric Dispense Units Per Dose appropriate for administration. For a drug to have possible dosages, it must be a single ingredient product that is matched to VA PRODUCT file (#50.68). The VA PRODUCT file (#50.68) entry must have a numeric strength and the dosage form/unit combination must be such that a numeric strength combined with the unit can be an appropriate dosage selection.

**Prompt** A point at which the system questions the user and waits for a response.

**Standard Medication Route File** The STANDARD MEDICATION ROUTE file

(#51.23) was created to map Local Medication Routes in VistA to an FDB Route in order to perform dosage checks in PRE V.0.5. This file has been standardized by Standards and Terminology Service (STS) and is mapped to an FDB Route. It cannot be edited locally.

**Standard Schedule** Standard medication administration schedules are stored in the ADMINISTRATION SCHEDULE file (#51.1).

**Units Per Dose** The Units Per Dose is the number of Units (tablets, capsules, etc.) to be dispensed as a dose for an order. Fractional numbers will be accepted.

**VA Drug Class Code** A drug classification system used by VA that separates

drugs into different categories based upon their characteristics. Some cost reports can be run for VA Drug Class Codes.

**VA Product File** The VA PRODUCT file (#50.68) contains a list of available drug products.