



# **PHARMACY DATA MANAGEMENT**

## **TECHNICAL MANUAL/ SECURITY GUIDE**

Version 1.0  
September 1997

(Revised February 2009)



## 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 Chnge 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 <i>Enhanced Order Checks Setup Menu</i> . Described files, fields, options and routines added/modified as part of this project. (G.Tucker, PM; V.Howell, Tech.Writer)
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 <i>Enhanced Order Checks Setup Menu</i> . 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. (G.Tucker, PM; V.Howell, Tech.Writer)
08/08	iii, 25, 33-34	PSS*1*94	Added Medication Routes and Administration Scheduling sections. Added PSSSCHEM routine. (S. Templeton, PM; G. O'Connor, Tech. Writer)
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. (J. Caudullo, PM; J. Nemetz, Tech. Writer)
09/06	i, ii, 25	PSS*1*108	Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routine PSS551 to the Routine List. (H. Whitley, PM; J. Nemetz, Tech. Writer)
04/06	i, 25	PSS*1*90	HIPAA NCPDP Global project. Added routines PSSDAWUT and PSSNDCUT to the Routine List. (S. Spence, PM; M. Newman, Tech. Writer)
04/06	i, ii, 25	PSS*1*106	Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routine PSS781 to the Routine List. (H. Whitley, PM; L. Woodson, Tech. Writer)
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. (H. Whitley, PM; L. Woodson, Tech. Writer)

<b>Date</b>	<b>Revised Pages</b>	<b>Patch Number</b>	<b>Description</b>
03/05	i, ii, 24a, 25, 29-31, 48	PSS*1*87	Laser Labels Phase II project. Added <i>Warning Builder</i> and <i>Warning Mapping</i> options descriptions and updated the menu options. Added four new routines to the routine list. Cleaned up misspelled words and such on many pages. (H. Whitley, PM; L. Woodson, Tech. Writer)
10/04	i., 25, 33	PSS*1*85	Added routines and a reference to the <i>Pharmacy Re-Engineering (PRE) Application Program Interface (API) Manual</i> 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 <i>Send Entire Drug File to External Interface</i> [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 <i>Controlled Substances/PKI Reports</i> [PSS/PKI REPORTS] menu and four associated report options to the <i>Pharmacy Data Management</i> [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 <i>Other Language Translation Setup</i> 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 <i>Drug Text File Report</i> option. Added routine PSSDTR in the Routines section. Added the <i>Drug Text File Report</i> 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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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^PSSLDSE

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

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

This option is duplicated on the ENHANCED ORDER CHECKS SETUP menu

-----  
**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  
ITEM: PSS STRENGTH MISMATCH  
ITEM: PSS EDIT DOSAGES  
ITEM: PSS DOSE UNIT REQUEST  
ITEM: PSS MARK PREMIX SOLUTIONS  
ITEM: PSS IV SOLUTION REPORT  
ITEM: PSS SCHEDULE REPORT  
ITEM: PSS MED INSTRUCTION REPORT

<< This option is duplicated on the DOSAGES menu

<< This option is duplicated on the DOSAGES menu

-----  
**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 option 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 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 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^PSSLDDOSE

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^PSSSTRENG

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]

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



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.

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]

Other Language Translation Setup  
[PSS OTHER LANGUAGE SETUP]

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.

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.

<u>Package</u>	<u>Keys</u>
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

<u>File Numbers</u>	<u>File Names</u>	<u>DD</u>	<u>RD</u>	<u>WR</u>	<u>DEL</u>	<u>LAYGO</u>
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

<u>File Numbers</u>	<u>File Names</u>	<u>DD</u>	<u>RD</u>	<u>WR</u>	<u>DEL</u>	<u>LAYGO</u>
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

<b>Administration Schedule File</b>	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.
<b>CPRS</b>	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.
<b>Dispense Drug</b>	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.
<b>Dosage Form File</b>	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.
<b>Dose Unit File</b>	The DOSE UNIT file (#51.24) was created to accomplish the mapping to First DataBank (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.
<b>Drug Electrolytes File</b>	The DRUG ELECTROLYTES file (#50.4) contains the names of anions/cations, and their cations and concentration units.

<b>Drug File</b>	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.
<b>Drug Interaction File</b>	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.
<b>Drug Text File</b>	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.
<b>IV Additives File</b>	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.
<b>IV Solutions File</b>	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.
<b>Local Possible Dosages</b>	Local Possible Dosages are free text dosages that are associated with drugs that do not meet all of the criteria for Possible Dosages.
<b>Medication Instruction File</b>	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.

<b>Pharmacy Orderable Item</b>	The Pharmacy Orderable Item is used through CPRS to order Inpatient Medications and Outpatient Pharmacy prescriptions.
<b>Pharmacy Orderable Item File</b>	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.
<b>Possible Dosages</b>	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.
<b>Prompt</b>	A point at which the system questions the user and waits for a response.
<b>Standard Medication Route File</b>	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.
<b>Standard Schedule</b>	Standard medication administration schedules are stored in the ADMINISTRATION SCHEDULE file (#51.1).
<b>Units Per Dose</b>	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.
<b>VA Drug Class Code</b>	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.
<b>VA Product File</b>	The VA PRODUCT file (#50.68) contains a list of available drug products.