# PHARMACY DATA MANAGEMENT

## TECHNICAL MANUAL/ SECURITY GUIDE

Version 1.0
September 1997

(Revised October 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 |
|---|---|---|---|
| 10/09 | i-ii, 5, 8 | PSS*1*141 | Updated patch references to include PSS*1*141. Added ASSOCIATED IMMUNIZATION field (#9) to the PHARMACY ORDERABLE ITEM file (#50.7).<br>(R. Singer, DM; D. Dertien/R. Silverman, Tech Writer) |
| 08/09 | 24f | PSS*1*140 | Added new option *Default Med Route OI Rpt* [PSS DEF MED ROUTE OI RPT].<br>(E. Wright, PM; S. B. Scudder, Tech. Writer) |
| 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.<br>(G.Tucker, PM; V.Howell, Tech.Writer) |
| 08/08 | iii, 25, 33-34 | PSS*1*94 | Added Medication Routes and Administration Scheduling sections. Added PSSSCHED routine.<br>(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.<br>(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.<br>(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.<br>(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.<br>(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.<br>(H. Whitley, PM; L. Woodson, Tech. Writer) |

| 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. (H. Whitley, PM; L. Woodson, Tech. Writer) |
| 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. |

# 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*141.

☒ 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. |