

national drug file
(NDF)

**user manual**

Version 4.0

October 1998

(Revised April 2022)

Department of Veterans Affairs

Product Development

Revision History

The table below lists changes made since the initial release of this manual. Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. Either update the existing manual with the Change Pages document, or replace it with the updated manual.

**Note:** The Change Pages document may include unedited pages needed for two-sided copying. Only edited pages display the patch number and revision date in the page footer.

| **Date** | **Revised Pages** | **Patch Number** | **Description** |
| --- | --- | --- | --- |
| 04/2022 | 73 | PSN\*4.0\*572 | * Replaced the 4 examples in the **Display FDA Medication Guide** section with 2 examples
* Updated Title page, Revision History, Table of Contents, Index, and Footers
* See the unredacted version of this document, on the SOFTWARE library, to view PSN\*4.0\*572 REDACTED information
 |
| 12/2017 | i-iv[4-5](#p04), [79-102](#p79), [108](#p107) | PSN\*4\*513 | Update Revision history, TOC, and Glossary.New sections added related to the new PPS-N Menu |
| 07/2017 | i-iv[4-6](#_National_Drug_File), 10-12,[48-60](#p047), [63-69](#P062) , [80-81](#_Glossary), [83-84](#p083) | PSN\*4.0\*396 | Update Revision history and TOC Update Revision History & TOC.Update formatting to match standards.Added text and screen captures for the following options: Inquire to National Files [NAT] Inquire to VA Product Info for Local Drug [PSIN] Rematch/Match Single Drugs [REMA] Verify Matches [VER] Verify Single Match [SVER] to display the new fields created by PSN\*4\*396 for CLINICAL EFFECTS OF DRUGS, HAZARDOUS WASTE and FORMULARY DESIGNATOR.Update GlossaryREDACTED |
| 12/2016 | Title page | PSN\*4.0\*492 | Updated revised date to December 2016 to match release date. |
| 11/2016 | [8](#p08), [9](#p09), [44](#p044), [45](#p045), [46](#p046), [47](#p047), [48](#p048), [49](#p049), [52](#P052), [53](#P053), [55](#p055), [56](#p056), [57](#P057)-[58](#p058), [68](#p068), [69](#p069) | PSN\*4.0\*492 | Added the Copay fields for Tier and Effective date on the screens for Drug Enter Edit (matching), PSNLOOK and PSNACT (inquires) for NDF.Added specific detail about Fixed Medication Copayment Tiers and a screen capture for [PSNACT]. Also added 2 terms in the glossary to represent Copay Tier and Fixed Medication Copay Tier. |
| 12/2011 | i- iv, 40e-f, 41e-41h | PSN\*4\*296 | Added text and screen captures for options *Inquire to National Files* [PSNACT] and *Inquire to VA Product Info for Local Drug* [PSNLOOK] to display the new fields created by PSN\*4\*296. These fields reflect changes to the Enhancements to Prescription Copayments Project.REDACTED |
| 04/2011 | i-iv, 40b-d, 41a-f | PSN\*4\*262 | Added text and screen captures for options *Inquire to National Files* [PSNACT] and *Inquire to VA Product Info for Local Drug* [PSNLOOK] to display the three new fields created by PSN\*4\*261. These fields reflect enhancements to prevent the inadvertentcreation of supra-therapeutic possible dosages for high risk medications during the dosage creation segment of Pharmacy Data Management and National Drug File updates.Updated Table of Contents.REDACTED |
| 04/2011 | i-iii, 45-46, 46a-d | PSN\*4\*263 | Modifications to section on Displaying an FDA Medication Guide. New examples added.Documentation released with PSN\*4\*262.REDACTED |
| 05/2010 | i-iv, 4, 45-46, 47, 54 | PSN\*4\*108 | Added a new option, Display FDA Medication Guide [PSN MED GUIDE].Added a new section, Displaying an FDA Medication Guide.Added FDA Medication Guide to the Glossary and Index.REDACTED |
| 02/2009 | 40, 40a-b, 41a-d | PSN\*4\*169 | Updated screen captures for options Inquire to VA Product Info For Local Drug [PSNLOOK] and Inquire to National Files [PSNACT] to reflect additional data displayed and minor changes to the display.REDACTED |
| 09/03 | iii, 4, 7, 16, 37b-37d, 53-54  | PSN\*4\*70 | - Added the new options, *Local Drugs Excluded from Drug-Drug Interactions* and *VA Products Excluded from Drug-Drug Interactions* to the Menu list and the Reports section. - Corrected the name of the DEA, SPECIAL HDLG field.- Corrected a drug name in the *Local Drug/VA Print Name Report*.- Updated the TOC and the Index with the new reports. |
| 07/03 | Title Page, i, 7-10, 25-26, 41a-c | PSN\*4\*65 | -Replaced the Title Page and Revision History page.-Updated introduction to include DEA/PKI changes.-Updated screen captures changed by this patch. |
| 02/2003 | Title Page,i-ii, 41d-46, 51, 52 | PSN\*4\*62 | -Replaced the Title Page and Revision History page.-Updated the *Print a PMI Sheet* option and example.-Updated the Glossary for the PMI Sheet term.- (Included pages for double-sided printing.) |
| 09/2001 | Title Page,i, ii, 41d,42 | DeveloperRequest | - Replaced the Title Page (and associated blank page) and the Revision History page (and associated blank page after it p. ii.)- The *Print a PMI Sheet* option stated that a specific vendor supplied the information for these sheets and the verbiage was changed to a “commercial vendor”. |
| 03/2001 | Title Page,i, ii, iii, iv, 4, 37a-b, 53 | PSN\*4\*48 | – Replaced the Title Page (and associated blank page), and pages i, ii (blank), iii, and iv (blank), which include the Revision History and Table of Contents. Pages ii and iv have no changes, but were included for two-sided printing only. – Replaced pages 4 and 53 with the new pages. Pages 3 and 54 have no changes, but were included for two-sided printing only. – Inserted pages 37A-37B, which introduce the new *Local Drug/VA Print Name Report* option. Pages 37 and 38 have no changes, but were included for two-sided printing only. |
| 02/2000 | 4, 5, 6, 8, 9, 17, 34, 41, 41a-c | PSN\*4\*22 | Added a new option called *Inquire to National Files*. |

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# Introduction

The National Drug File (NDF) V. 4.0 software module provides standardization of the local drug files in all Department of Veterans Affairs Medical Centers (VAMCs). Standardization includes the adoption of new drug nomenclature and drug classification, and links the local drug file entries to data in the National Drug files.

For drugs approved by the Food and Drug Administration (FDA), VAMCs 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 VAMCs.

With this version of NDF, a new design of the NATIONAL DRUG file (#50.6) will lay the foundation for timely data releases by Pharmacy Benefits Management (PBM) personnel to field facilities using the NDF Management System. As new drug products are released, this information can be quickly sent to facilities. Pharmacy end users will be able to match (classify) a greater percentage of their local drug files for new products. Update/delivery of data will be controlled by PBM personnel. Frequent updating of NDF will be possible with minimal time for installation and downtime.

In addition to the redesign of NATIONAL DRUG file (#50.6), Version 4.0 will provide the following enhancements:

* Addition of new fields to NDF, such as National Formulary and restriction indicators.
* Lay foundation for interfaces to other Commercial Off The Shelf (COTS) software to update NDF fields for new/revised drug information.
* Update current NDF with new/revised product information.
* Creation of an Application Programmer’s Interface (API) to accommodate all existing VISTA software Database Integration Agreements (DBIAs) with NDF.
* A clean-up of associated files, such as DRUG MANUFACTURER (#55.95), DRUG UNITS (#50.607), etc.
* Incorporation of approved enhancement requests by Pharmacy/Information Resources Management (IRM) end users.

## Related Manuals

*National Drug File V. 4.0 Release Notes*

*National Drug File V. 4.0 Installation Guide*

*National Drug File V. 4.0 Technical Manual/Security Guide*

## Icons

Icons used to highlight key points in this manual are defined as follows:

![Note icon](data:None;base64...) Indicates the user should take note of the information.

# Pharmacy Pre-Installation Preparation

## Entering National Drug Codes

The National Drug File (NDF) software uses National Drug Codes (NDCs) in an initial automatic process of matching a drug in the local DRUG file (#50) with a drug in the National Drug files. It is important to make sure that as many drugs as possible have been assigned their correct NDCs.

The more complete and accurate the NDC fields in the local DRUG file (#50), the more effective the automatic matching process.

It is important that you enter all National Drug Codes (NDCs) in the local DRUG file (#50) using Pharmacy Data Management’s (PDM) option *Drug Enter/Edit* [PSS DRUG ENTER/EDIT] before the IRM staff installs this version of the software. The correct NDC format is

Manufacturer Code - Product Code - Package Code

(1 - 6 characters) (1 - 4 characters) (1-2 characters)

The correct NDC format: 4-4-2, 5-3-2, 5-4-1, or 5-4-2 (e.g., 0023-2323-01)

Please note that the software ***will not*** insert the dashes in the NDC for you; therefore, you must include the dashes when you enter the information.

# Menu

## National Drug File V. 4.0 Menu

REMA Rematch/Match Single Drugs [PSNDRUG]

VER Verify Matches [PSNVFY]

SVER Verify Single Match [PSNVER]

MERG Merge National Drug File Data Into Local File [PSNMRG]

AUTO Automatic Match of Unmatched Drugs [PSNAUTO]

CLAS Allow Unmatched Drugs to be Classed [PSNSTCL]

 [Locked: PSNMGR]

RPRT National Drug File Reports [PSNSUBM]

LDF Local Drug File Report [PSNLDG]

VAGN Report of VA Generic Names from National Drug [PSNVAGN]

ATMP Report of Attempted Match Drugs [PSNEXC]

PROD VA Product Names Matched Report [PSNPFN]

NOCL Local Drugs with No VA Drug Class Report [PSNOCLS]

CLVA VA Drug Classification [PSNCLS]

DFL NDF Info from Your Local Drug File [PSNRPT]

SUPL Supply (XA000) VA Class Report [PSNSUPLY]

MANC Manually Classed Drugs Report [PSNMCLS]

NMAT Local Drugs with NO Match to NDF Report [PSNONDF]

**\***LOCFLocal Formulary Report [PSNFRMLY] [Locked: PSNMGR]

NATF National Formulary Report [PSNNFL]

DDIN Drug-Drug Interaction Report [PSNTER]

CMOP VA Products Marked for CMOP Transmission [PSNCMOP]

PNCL VA Product Names By Class Report [PSNCLPR]

LDPN Local Drug/VA Print Name Report [PSNVAPRINT]

LDRG Local Drugs Excluded from Drug-Drug Interactions [PSNODDI]

VDRG VA Products Excluded from Drug-Drug Interactions [PSNEXMPT]

INQ Inquiry Options [PSNQUER]

LINQ Inquire to Local Drug File [PSNVIEW]

**\*\***PNINInquire to VA Product Info For Local Drug [PSNLOOK]

NDCU NDC/UPN Inquiry [PSNUPN]

NAT Inquire to National Files [PSNACT]

PMIS Print a PMI Sheet [PSNPMIS]

FDA Display FDA Medication Guide [PSN MED GUIDE]

PPS PPS-N Menu ...

 SD Schedule download of NDF update file

 SI Schedule Install of NDF Update file

 MD Manual Download of NDF Update file

 MI Manual Install of NDF Update file

 RJ Reject/Complete of NDF Update file

 SP PPS-N Site Parameters (Enter/Edit)

 VC VistA Comparison Report

 DIS Download/Install Status Report

 SSH Manage Secure Shell (SSH) Keys

**\*** Formerly *Formulary Report*

**\*\*** Formerly *Lookup National Drug Info in Local File.*

# Using the Matching Options

### Rematch/Match Single Drugs

**[PSNDRUG] Synonym: REMA**

This option allows you to rematch entries that are incorrectly matched or could not be matched automatically. *Report of Attempted Match Drugs* will list those items that the software attempted to match but could not; it should be printed before this option is executed. This option may be used until all entries in the local DRUG file (#50) that can be matched have been matched. It should be used to match any new drug added to the local DRUG file (#50). This option screens for inactive date and searches the DEA, SPECIAL HDLG field (# 3) to determine if one of the following values exists in the field:

0 (zero) Manufactured in Pharmacy

I Investigational Drug

M Bulk Compound Item

You must verify all matches made with this option. Failure to verify a drug that has been matched will prevent that drug from being merged when the *Merge* *National Drug File into Local File* option is executed.

Patch PSN\*4\*396 add the display of the FORMULARY DESIGNATOR field (#109) only in the selection list of the drug if defined in the VA PRODUCT file (#50.68). With patch PSN\*4\*513, this field can be populated as part of the PPS-N Update process.

 Example:

 Select DRUG GENERIC NAME: OMEP

 1 OMEPARZOLE 40MG EC CAP UD

 2 OMEPRAZOLE 10MG CAP PA-F Tier 4

 CHOOSE 1-2: 1 OMEPARZOLE 40MG EC CAP UD

**Example 1: Rematch Manually Classed Drugs**

Select National Drug File Menu Option: **REMA** Rematch / Match Single Drugs

Enter name of drug from your local drug file and a match

with the National Drug File will be attempted.

Press return at the "Select DRUG GENERIC NAME: " prompt to exit.

Select DRUG GENERIC NAME: **VAPONEPHRINE** EPINEPHRINE RACEMIC 2.25% SOL.

 N/F

Match local drug EPINEPHRINE RACEMIC 2.25% SOL. N/F with

 ORDER UNIT:

 DISPENSE UNITS/ORDER UNITS: 1

 DISPENSE UNIT:

No NDC to match...

 I will attempt to match the NDCs from your SYNONYMS.

Match made with EPINEPHRINE RACEMIC 2.25% SOL. N/F

 Now select VA Product Name

1 EPINEPHRINE (EPI-PEN JR) 0.15MG/0.3ML INJECTOR INJ,SOLN AU100 E0198

2 EPINEPHRINE (EPI-PEN) 0.3MG/0.3ML INJECTOR INJ,SOLN AU100 E0197

3 EPINEPHRINE 0.15MG/0.3ML INJ INJ,SOLN AU100 E0099

4 EPINEPHRINE 0.16MG/SPRAY SUSP,INHL,ORAL INHL,ORAL RE102

5 EPINEPHRINE 0.1MG/ML INJ INJ,SOLN AU100 E0100

6 EPINEPHRINE 0.2MG/SPRAY INHL,ORAL AEROSOL,ORAL RE102

7 EPINEPHRINE 0.3MG/ML INJ INJ,SOLN AU100 E0101

 examples continue on the next page

**Example 1: Rematch Manually Classed Drugs (cont.)**

8 EPINEPHRINE 0.5MG/ML INJ INJ,SOLN AU100

9 EPINEPHRINE 1MG/ML INJ INJ,SOLN AU100 E0015

10 EPINEPHRINE 1MG/ML INJ,SYRINGE,1ML INJ,SOLN AU100 E0205

Enter your choice or press return to continue: **1**

 Is this a match < Reply Y, N or press return to continue > : **Y**

CHOOSE FROM:

 1 1 SYRINGE

 2 0.3 ML INJECTOR,AUTOMATIC

 3 6 X 0.3 ML INJECTOR,AUTOMATIC

 4 OTHER OTHER

 Enter Package Size & Type Combination: **2**

Local drug EPINEPHRINE RACEMIC 2.25% SOL.

matches EPINEPHRINE (EPI-PEN JR) 0.15MG/0.3ML INJECTOR

PACKAGE SIZE: 0.3 ML

PACKAGE TYPE: INJECTOR,AUTOMATIC

< Enter "Y" for yes >

< Enter "N" for no >

< Press return for next drug or "^" to quit> OK? : **Y**

Select DRUG GENERIC NAME: **<RET>**

Remember, these matches must be verified using the options "Verify Matches" or

"Verify Single Match" and then merged using the option "Merge National Drug File

Data Into Local File".

Select National Drug File Menu Option: **<RET>**

**Example 2: Rematching Drugs Matched, Verified, and Merged to NDF**

Select National Drug File Menu Option: **REMA** Rematch / Match Single Drugs

Enter name of drug from your local drug file and a match

with the National Drug File will be attempted.

Press return at the "Select DRUG GENERIC NAME: " prompt to exit.

Select DRUG GENERIC NAME: **TIMOLOL** 0.5% OPHT SOLN 5ML OP101

This drug has already been matched and classified with the

National Drug File.

Do you wish to match/rematch it? N// **Y**

Match local drug TIMOLOL 0.5% OPHT SOLN 5ML

 ORDER UNIT: BT

 DISPENSE UNITS/ORDER UNITS: 1

 DISPENSE UNIT: BT(5ML)

I will try to match NDC: 0006-3367-03 to NDF.

Local drug TIMOLOL 0.5% OPHT SOLN 5ML

matches TIMOLOL MALEATE 0.5% SOLN,OPH

PACKAGE SIZE: 5 ML

PACKAGE TYPE: BOTTLE

 Is this a match ?

Enter Yes or No: YES// **<RET>**

Select DRUG GENERIC NAME: **<RET>**

Remember, these matches must be verified using the options "Verify Matches" or

"Verify Single Match" and then be merged using the option "Merge National Drug File Data Into Local File".

 examples continue on the next page

**Example 3: Rematch—Selecting Inactive Drug**

Select National Drug File Menu Option: **REM** Rematch / Match Single Drugs

Enter name of drug from your local drug file and a match

with the National Drug File will be attempted.

Press return at the "Select DRUG GENERIC NAME: " prompt to exit.

Select DRUG GENERIC NAME: **MORPHINE SO4** 200MG TAB,SA CN101 08-21-03 OUTPATIENT REQUIRES "WET" SIGNATURE

This drug has an Inactivation date in the future. Do you want to continue? **Y**

 (Yes)

This drug has been manually classed but not matched (merged with NDF).

Do you wish to match/rematch it? N// **Y**

Deleting Possible Dosages...

Match local drug MORPHINE SO4 200MG TAB,SA

 ORDER UNIT: BT

 DISPENSE UNITS/ORDER UNITS: 100

 DISPENSE UNIT: TAB

I will try to match NDC: 00034-513-10 to NDF.

Local drug MORPHINE SO4 200MG TAB,SA

matches MORPHINE SO4 200MG TAB,SA

PACKAGE SIZE: 100

PACKAGE TYPE: BOTTLE

 Is this a match ?

Enter Yes or No: YES// <**ENTER**>

The CS Federal Schedule associated with this drug in the VA Product file

represents a DEA, Special Handling code of 2A

 Enter RETURN to continue...

A warning message displays if a discrepancy is found between entries in the CS FEDERAL SCHEDULE field and the DEA, SPECIAL HDLG field when using the *Rematch / Match Single Drugs* [PSNDRUG] option. The following warning displays: "The CS Federal Schedule associated with this drug in the VA Product file represents a DEA, Special Handling code of XX,” where XX is the DEA, SPECIAL HDLG code mapped to the corresponding CS FEDERAL SCHEDULE code as shown here:

|  |  |  |
| --- | --- | --- |
|  | If a drug entry has a CS FEDERAL SCHEDULE of: | And its corresponding DEA, SPECIAL HDLG field is blank, the following DEA, SPECIAL HDLG code will be inserted: |
| Schedule I narcotics | 1 | 1 |
| Schedule II narcotics | 2 | 2A |
| Schedule II non-narcotics | 2n | 2C |
| Schedule III narcotics | 3 | 3A |
| Schedule III non-narcotics | 3n | 3C |
| Schedule IV narcotics | 4 | 4 |
| Schedule V narcotics | 5 | 5 |

###

### Verify Matches

**[PSNVFY] Synonym: VER**

With this option you can loop through the list of matched but unverified drugs and verify each one. It is not necessary to verify all matches at once. You can press the Return key to skip any entries you do not want to verify. It will also allow you to rematch a drug if you do not like the match. This option can be used any time after drugs from the local DRUG file (#50) have been matched with drugs in the National Drug files using the options *Rematch/Match Single Drugs*, or *Automatic Match of Unmatched Drugs*.

All matched drugs must be verified. Unverified matches are stored in the NATIONAL DRUG TRANSLATION file (#50.612), and will not merge until they are verified. To ensure accuracy one individual should match the drugs and another verify the matches.

Print VA Product Names Matched report to have a list of unverified matched drugs in the same order they will appear on the screen for verification.

 Patch PSN\*4\*396 added FORMULARY DESIGNATOR field (#109) and

 FORMULARY DESIGNATOR TEXT field (#110) if defined.

 Example:

National Formulary Indicator: Yes

FORMULARY DESIGNATOR: PA-N

NATIONAL FORMULARY RESTRICTION:

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE.

Copay Tier: 1

**Example: Verify Match**

Select National Drug File Menu Option: **VER** Verify Matches

LOCAL DRUG NAME: **MORPHINE SO4** 200MG TAB,SA

 ORDER UNIT: BT

 DISPENSE UNITS/ORDER UNITS: 100

 DISPENSE UNIT: TAB

VA PRODUCT NAME: MORPHINE SO4 200MG TAB,SA

VA PRINT NAME: MORPHINE SO4 200MG SA TAB CMOP ID: M0532

VA DISPENSE UNIT: TAB MARKABLE FOR CMOP: NOT

MARKED

 PACKAGE SIZE: 100

 PACKAGE TYPE: BOTTLE

VA CLASS: CN101 OPIOID ANALGESICS

CS FEDERAL SCHEDULE: 2

INGREDIENTS:

NATIONAL FORMULARY INDICATOR: YES

FORMULARY DESIGNATOR: PA-N

NATIONAL FORMULARY RESTRICTION:

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE.

Copay Tier: 3

Copay Effective Date: APR 1, 2016

< Enter "Y" for yes, "N" for no >

< Press RETURN to Pass to Next Drug >

 Is this a match ?

### Verify Single Match

**[PSNVER] Synonym: SVER**

This option allows you to verify a single, selected match rather than looping through all matched, unverified drugs. You will be prompted for the drug name from the local DRUG file (#50).

All matched drugs must be verified. Unverified matches are stored in the NATIONAL DRUG TRANSLATION file (#50.612) and will not merge until they are verified. To ensure accuracy one individual should match the drugs and another verify the matches.

**Example 1: Verify Single Match**

Select National Drug File Menu Option: **SVER** Verify Single Match

Enter name of drug from your local drug file and if the drug has been matched, you will be asked to verify the match.

Press return at the "Select DRUG GENERIC NAME: " prompt to exit.

Select DRUG GENERIC NAME: **MORPHINE SO4** 200MG TAB,SA CN101 OUTP

ATIENT REQUIRES "WET" SIGNATURE

LOCAL DRUG NAME: MORPHINE SO4 200MG TAB,SA

 ORDER UNIT: BT

 DISPENSE UNITS/ORDER UNITS: 100

 DISPENSE UNIT: TAB

VA PRODUCT NAME: MORPHINE SO4 200MG TAB,SA

VA PRINT NAME: MORPHINE SO4 200MG SA TAB CMOP ID: M0532

VA DISPENSE UNIT: TAB MARKABLE FOR CMOP: NOT

MARKED

 PACKAGE SIZE: 100

 PACKAGE TYPE: BOTTLE

VA CLASS: CN101 OPIOID ANALGESICS

CS FEDERAL SCHEDULE: 2

INGREDIENTS:

NATIONAL FORMULARY INDICATOR: YES

FORMULARY DESIGNATOR: PA-N

NATIONAL FORMULARY RESTRICTION:

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE.

Copay Tier: 3

Copay Effective Date: APR 1, 2016

< Enter "Y" for yes, "N" for no >

< Press RETURN to Pass to Next Drug >

 Is this a match ?

 examples continue on the next page

**Example 2: Verify Single Match, Drug Not Matched**

Select DRUG GENERIC NAME: **BLEOMYCIN 15 UNIT INJ**

This entry has not been matched to verify.

Select DRUG GENERIC NAME: **<RET>**

**Example 3: Verify Single Match, Drug Already Verified**

Select DRUG GENERIC NAME: **FLUOROURACIL 500MG/10ML INJ** AN300

CHEMOTHERAPY

This entry has already been verified.

Select DRUG GENERIC NAME: **<RET>**

**NOTE ON CS FEDERAL SCHEDULE:** Patches PSN\*4\*64 and 66 assign a CS Federal Schedule to controlled substances and identify controlled substances as narcotic or non-narcotic by populating the CS FEDERAL SCHEDULE field (#19) of the VA PRODUCT FILE (#50.68). Patch PSN\*4\*65 changes the *Merge National Drug File Data Into Local File* [PSNMRG] option so that the software checks each entry to see if the CS FEDERAL SCHEDULE field contains data. If an entry has a value for the CS FEDERAL SCHEDULE but its corresponding DEA, SPECIAL HDLG field (#3) of the DRUG file (#50) is blank, the DEA, SPECIAL HDLG field will be populated with the corresponding value using the following table:

|  |  |  |
| --- | --- | --- |
|  | If a drug entry has a CS FEDERAL SCHEDULE of: | And its corresponding DEA, SPECIAL HDLG field is blank, the following DEA, SPECIAL HDLG code will be inserted: |
| Schedule I narcotics | 1 | 1 |
| Schedule II narcotics | 2 | 2A |
| Schedule II non-narcotics | 2n | 2C |
| Schedule III narcotics | 3 | 3A |
| Schedule III non-narcotics | 3n | 3C |
| Schedule IV narcotics | 4 | 4 |
| Schedule V narcotics | 5 | 5 |

Patch PSN\*4\*65 ensures that the newly populated CS FEDERAL SCHEDULE field is included as part of the National Drug File details in the *Inquire to National Files* [PSNACT], *NDF Info From Your Local Drug File* [PSNRPT], *Verify Matches* [PSNVFY] and *Verify Single Match* [PSNVER] options.

### Merge National Drug File Data Into Local File

**[PSNMRG] Synonym: MERG**

Before proceeding you should contact the IRM site Manager to back up the local DRUG file (#50) and the NATIONAL DRUG TRANSLATION file (#50.612). Back-up should be done each time prior to executing this option.

This option merges the matched/verified data from the NATIONAL DRUG TRANSLATION file (#50.612) into the local DRUG file (#50). As the merge is taking place, the software will print a report listing any drugs in the NATIONAL DRUG TRANSLATION file (#50.612) that were not merged (referred to as errors to the merge). Errors are defined as the entries in the NATIONAL DRUG TRANSLATION file (#50.612) that do not have corresponding matches in the local DRUG file (#50). If no errors exist, the report will say “No Errors Found.”

With patch PSN\*4\*65, when using this option to merge data from the VA Product file into the local drug file the software will check to see if the

You may execute this option at the conclusion of the entire matching/verifying process or after a section of the local DRUG file (#50) has been matched/verified. It is not important that the entire matching or verifying process be complete since only the matched and verified drugs in the NATIONAL DRUG TRANSLATION file (#50.612) will be merged. There must be at least one matched and verified drug in the NATIONAL DRUG TRANSLATION file (#50.612) for the merge to be completed successfully.

You can determine the time that the report will print. To delay the execution of this option, enter the letter Q at the “Select Printer” prompt and you will be prompted to queue the report to the printer.

Merging the NDF fields into the local DRUG file (#50) will not change the contents of the local GENERIC NAME field (# .01). You may wish to edit this field to make the local name match the NDF name.

**Example: Merge National Drug File Data Into Local File**

Select National Drug File Menu Option: **MERG** Merge National Drug File Data Into Local File

This option will merge NDF fields into your local drug file. This will also

produce an Error Report for entries in the translation file which are not

in the local file if they should exist. These exceptions will not be merged.

You may queue this report if you wish.

Select Printer: *[Select Print Device]*

Do you want your output QUEUED? NO// **<RET>** (NO)

**Automatic Match of Unmatched Drugs**

**[PSNAUTO] Synonym: AUTO**

This option allows automatic matching by NDC of newer FDA-released drugs in your local file which are manually classed, or have no VA Class assigned. This option proceeds through the local DRUG file (#50) and attempts to match each drug encountered with a drug in the National Drug files. When a match is made, the drug is added to the NATIONAL DRUG TRANSLATION file (#50.612) and must be verified and merged.

Before the automatic matching begins, the prompt below will be displayed on the screen.

AUTOMATIC MATCH by NDC Code process will begin. It will begin. It will attempt to match all items that are not presently MATCHED to the National Drug File.

Are you sure you want to continue? N//

If you answer YES, the automatic matching process will begin and you will proceed as described below. If you answer NO, or press the Enter key, you will exit from the option.

It is extremely important that as many drugs in the local DRUG file (#50) as possible have correct NDCs assigned to them. If the NDC fields (NDC (#31), SYNONYM (#50.1)) in the local DRUG file (#50) are complete and accurate, the overall effectiveness of the automatic matching process will be greatly improved. If a drug’s NDC in the local DRUG file (#50) matches a like NDC in the National Drug files, a match will be made. These matches must be verified and merged. The VA Class assigned by the matching process will override any class previously assigned. This option will screen an inactive past date.

**Example: Automatic Match of Unmatched Drugs**

Select National Drug File Menu Option: **AUTO** Automatic Match of Unmatched Drugs

This option will attempt to automatically match by NDC code, drugs which have

not been matched to the National Drug File. These matches must be verified

and merged.

AUTOMATIC MATCH by NDC Code process will begin. It will attempt to match

all items that are not presently MATCHED to the National Drug File.

Are you sure you want to continue ? N// **Y**......................................

................................................................................

........................................

OK, I'm through. Please verify these matches.

### Allow Unmatched Drugs to be Classed

**[PSNSTCL] Synonym: CLAS Locked: PSNMGR**

It will be helpful to print the Local Drugs With No VA Drug Class report before executing this option. This option is locked, so only users with the PSNMGR key have access. There will be some drugs in the local DRUG file (#50) that cannot be matched. Examples are investigational drugs, supply items, and drugs that are manufactured on site. You may use this option to enter the local DRUG file and assign VA classifications to these drugs.

![Note icon](data:None;base64...)This option should not be run until at least one merge using the menu option *Merge National Drug File Data Into Local File* has been executed.

There are two sub-options to this option. You will be prompted to answer the question, “Do you wish to automatically loop through all unmatched drugs?” If you answer NO, you may class one drug at a time by entering the local drug generic name or internal number. If you answer YES, the software will loop alphabetically through all drugs that do not have an inactive date and have not been matched, verified, and merged.

If the drug you select was previously classified, the present classification is displayed as a default. You can accept the default by pressing the Enter key, or you can enter a new classification.

**Example: Allow Unmatched Drugs to be Classed (Single Drug)**

Select National Drug File Menu Option: **CLAS** Allow Unmatched Drugs To Be Classed

This option allows a VA Drug Classification to be entered for

a drug in your local drug file, however, if the drug has been

classed through "the National Drug File merge procedure" you cannot change it!

Do you wish to automatically loop through all unmatched drugs?

<Reply Y,N or "^" to quit> : **N**

Select DRUG GENERIC NAME: **CALAMINE LOTION**

 1 CALAMINE LOTION (OZ) DE900

 2 CALAMINE LOTION, 4OZ BT DE900 USE FOR INPATIENT WARD STOCK Tier: 0

CHOOSE 1-2: **1**

 Select VA DRUG CLASS CODE: DE900 // **<RET>**

Select DRUG GENERIC NAME: **<RET>**

 examples continue on the next page

**Example: Allow Unmatched Drugs to be Classed (Loop)**

Select National Drug File Menu Option: **CLAS** Allow Unmatched Drugs To Be Classed

This option allows a VA Drug Classification to be entered for

a drug in your local drug file, however, if the drug has been

classed through "the National Drug File merge procedure" you cannot change it!

Do you wish to automatically loop through all unmatched drugs?

<Reply Y,N or "^" to quit> : **Y**

ABSORBABLE GELATIN FILM (EACH)

 Select VA DRUG CLASS CODE: XA900 // **<RET>**

ABSORBABLE GELATIN SPONGE ,SZ 100,6/BX

 Select VA DRUG CLASS CODE: XA900 // **<RET>**

ABSORBABLE GELATIN SPONGE,SZ 12X7,12/BX

 Select VA DRUG CLASS CODE: XA900 // **<RET>**

ACCUTANE 20MG

 Select VA DRUG CLASS CODE: **DE751**

ACE BANDAGE,3 IN,ELASTIC

 Select VA DRUG CLASS CODE: XA100 // **<RET>**

ACE BANDAGE,4 IN,ELASTIC

 Select VA DRUG CLASS CODE: XA100 // **<RET>**

ACE BANDAGE,6 IN,ELASTIC

 Select VA DRUG CLASS CODE: XA100 // **<RET>**

ACEBUTOLOL 200MG CAP

 Select VA DRUG CLASS CODE: CV100 // **^**

You can stop the looping process at any time by entering an up-arrow (^) and pressing the Enter key at the “Select VA DRUG CLASS CODE” prompt. The software will flag the last drug you classified and will begin the loop with this drug when you resume the looping process. This will allow you to review the last drug classified before continuing.

**Note:** If a drug has **no default classification** and you press the Enter key rather than enter a class, the software will return you to the main menu.

**Example: Loop Interrupted When No Default Class and No Value Entered**

Select National Drug File Menu Option: **CLAS** Allow Unmatched Drugs To Be Classed

This option allows a VA Drug Classification to be entered for

a drug in your local drug file, however, if the drug has been

classed through "the National Drug File merge procedure" you cannot change it!

Do you wish to automatically loop through all unmatched drugs?

<Reply Y,N or "^" to quit> : **Y**

ABSORBABLE GELATIN FILM (EACH)

 Select VA DRUG CLASS CODE: XA900 // **<RET>**

ABSORBABLE GELATIN SPONGE ,SZ 100,6/BX

 Select VA DRUG CLASS CODE: XA900 // **<RET>**

ABSORBABLE GELATIN SPONGE,SZ 12X7,12/BX

 Select VA DRUG CLASS CODE: XA900 // **<RET>**

ACCUTANE 20MG

 Select VA DRUG CLASS CODE: **<RET>**

Select National Drug File Menu Option: **<RET>**

**Note:** The software will not allow you to reassign the VA Classification to a drug that has already been matched, verified, and merged.

**Example: Attempt to Class Item already Matched, Classed, and Merged**

Select DRUG GENERIC NAME: **SODIUM METHOHEXITAL 5GM S.P.** CN202 N/F

SORRY, CLASSIFICATION CANNOT BE CHANGED

Select DRUG GENERIC NAME: **<RET>**

After this option has been completed, print and review *Local Drug With No VA Class* *Report*.

![Note icon](data:None;base64...)To change the VA Drug Classification of a drug previously matched automatically by NDC, first attempt to rematch the drug using the *Rematch/Match Single Drugs* option. If that fails, classify the drug manually using this option.

# Using the National Drug File Reports Menu

### National Drug File Reports Menu

**[PSNSUBM] Synonym: RPRT**

This option is a sub-menu containing the following reports:

*LDF Local Drug File Report*

*VAGN Report of VA Generic Names From National Drug*

*ATMP Report of Attempted Match Drugs*

*PROD VA Product Names Matched Report*

*NOCL Local Drug with No VA Drug Class Report*

*CLVA VA Drug Classification*

*DFL NDF Info From Your Local Drug File*

*SUPL Supply (XA000) VA Class Report*

*MANC Manually Classed Drugs Report*

*NMAT Local Drugs With NO Match to NDF Report*

*LOCF Local Formulary Report*

*NATF National Formulary Report*

*DDIN Drug-Drug Interaction Report*

*CMOP VA Products Marked for CMOP Transmission*

*PNCL VA Product Names By Class*

*LDPN* *Local Drug/VA Print Name Report*

*LDRG Local Drugs Excluded from Drug-Drug Interactions*

*VDRG VA Products Excluded from Drug-Drug Interactions*

### Local Drug File Report

**[PSNLDG] Synonym: LDF**

This option generates a report containing selected information about drugs in the local DRUG file (#50). This report lists the local drug name, inactive date, NDC number, and the Drug Enforcement Agency (DEA) value. If your local drug is matched to NDF, and National Formulary and/or Restriction information exists, this is also displayed after the drug name. This report is in a 132 column format and must be sent to a printer.

**Example: Local Drug File Report**

Select National Drug File Reports Menu Option: **LDF** Local Drug File Report This report gives you a printed copy of the local drug name, inactive date, NDC, and the DEA value. If your local drug is matched to NDF and National Formulary and/or Restriction information exists, this is also displayed after the drug name. This report requires 132 columns. You may queue the report to print, if you wish.

START WITH GENERIC NAME: FIRST//

DEVICE: 0;500;132 DECSERVER

 LOCAL DRUG LIST (ALPHABETIC)

 # Not on National Formulary

 R National Formulary Restriction

|  |  |  |  |
| --- | --- | --- | --- |
| LOCAL DRUG NAME | INACTIVE DATE | DEA | NDC |
| 10% FREE AMINE SOLUTION W/O EL  |  |  |  |
| A AND Z OINTMENT  |  |  | 85-0096-04 |
| A-METHYL-PARA-TYROSINE CAPS,25 |  | I |  |
| ABDOMINAL BINDER |  | S |  |
| ABDOMINAL PAD 7 1/2 X 8 STERI |  | S |  |
| ABSORBABLE GELATIN FILM # |  | 6P | 9-0433-01 |
| ABSORBABLE GELATIN SPONGE SZ. |  |  | 9-0031-01 |
| ABSORBABLE GELATIN SPONGE SZ. |  | S | 9--0349-01 |
| ABSORBABLE GELATIN SPONGE SZ.7 # |  | S | 9-0315-02 |
| ABSORBABLE GELATIN SPONGE-100 # |  | S | 9-0353-01 |
| ACE BANDAGE 4 INCH |  | S | 8290-0073-13 |
| ACETAMINOPHEN 1000MG TABLET |  |  |  |
| ACETAMINOPHEN 325MG C.T. |  | 6P | 333333-3333-33 |
| ACETAMINOPHEN 325MG TABLET |  |  | 839-5080-16 |
| ACETAMINOPHEN 650MG SUPPOS. |  | 9PR | 839-6001-92 |
| ACETAMINOPHEN AND CODEINE 30MG R |  | 3 | 0045-0513-80 |
| ACETAMINOPHEN ELIX. 160MG/5ML |  | 6 | 54-3010-50 |
| ACETAMINOPHEN, CODEINE ELIXIR R |  | 2A | 51079-0500-38 |
| ACETAMINPHEN 325MG CT |  |  | 839-5080-16 |
| ACETAZOLAMIDE 250MG S.T. |  | 6P | 364-0400-02 |
| ACETAZOLAMIDE 500MG INJ |  | 6P | 205-4466-96 |
| ACETAZOLAMIDE 500MG SEQUELS |  | 6P | 5-4465-23 |
| ACETEST 100'S # |  | S | 193-2381-21 |
| ACETIC ACID 0.25% IRRIG. 500ML |  | S | 0074-6143-09 |
| ACETIC ACID 2% OTIC SOL 15 ML |  | 9P | 536-2102-72 |

### Report of VA Generic Names from National Drug

**[PSNVAGN] Synonym: VAGN**

This option prints a report of VA Generic Names. You can print all or a specified range of names. This report might be useful during the match and verify options. If you cannot find a match and are asked to type in a VA Generic Name, you can use this list to find the correct generic name. VA Generic Names with more than one ingredient are given alphabetically by ingredient (e.g., acetaminophen/butalbital/caffeine/codeine).

This report requires 80 columns. You can print the report immediately, or delay printing until a later time.

**Example: Report of VA Generic Names From National Drug**

Select National Drug File Reports Menu Option: **VAGN** Report of VA Generic Names From National Drug

This report gives you a printed copy of the VA Generic Names from the National Drug File. This report may assist you in the matching process.

You may queue the report to print, if you wish.

START WITH VA GENERIC NAME: FIRST// **<RET>**

DEVICE: *[Select Print Device]*

VA GENERIC NAMES FROM THE NATIONAL DRUG FILE

 OCT 11,1998 14:46 PAGE 1

VA GENERIC NAME

--------------------------------------------------

ACEBUTOLOL

ACETAMINOPHEN

ACETAMINOPHEN/ALUMINUM ACETATE/CHLORPHENIRAMINE/PHENYLPROPANOLAM

ACETAMINOPHEN/ALUMINUM HYDROXIDE/ASPIRIN/SALICYLAMIDE

ACETAMINOPHEN/ASPIRIN

ACETAMINOPHEN/ASPIRIN/CAFFEINE/CODEINE/SALICYLAMIDE

ACETAMINOPHEN/ASPIRIN/CAFFEINE/HYDROCODONE

ACETAMINOPHEN/ASPIRIN/CAFFEINE/SALICYLAMIDE

ACETAMINOPHEN/ASPIRIN/CODEINE

ACETAMINOPHEN/ATROPINE/ETHAVERINE/SALICYLAMIDE

ACETAMINOPHEN/BUTALBITAL

ACETAMINOPHEN/BUTALBITAL/CAFFEINE

ACETAMINOPHEN/BUTALBITAL/CAFFEINE/CODEINE

ACETAMINOPHEN/BUTALBITAL/CAFFEINE/HYDROCODONE

ACETAMINOPHEN/BUTALBITAL/CODEINE

ACETAMINOPHEN/CAFFEINE/CHLORPHENIRAMINE/HYDROCODONE/PHENYLEPHRIN

### Report of Attempted Match Drugs

**[PSNEXC] Synonym: ATMP**

This option generates a report listing all drugs you attempted to match, but for which a match could not be made during the matching process. Even though these drugs were not matched, the software “flagged” each of these drugs and an entry was made in the NATIONAL DRUG TRANSLATION file (#50.612).

This report will include the contents of the DEA, SPECIAL HDLG field (# 3) if the field contains one of the following values:

0 (zero) Manufactured in Pharmacy

I Investigational Drug

M Bulk Compound Item

The report will also include any ***inactive*** dates found in the local DRUG file (#50).

This report should be printed after the option *Verify Matche*s is executed

and before the *Merge National Drug File Data Into Local File* option is

executed. This is a cumulative report and will include all entries from the

very beginning of the matching process until each drug is manually classed. Once a drug has been manually classed, it is automatically deleted from the report.

You may print the report immediately, or delay printing until a later time.

**Example: Report of Attempted Match Drugs**

Select National Drug File Reports Menu Option: **ATMP** Report of Attempted Match Drugs

This report should be run after the menu option "Verify Matches" and

before the menu option "Merge National Drug File Data Into Local File".

It gives you a hard copy of the items from your local file for which

a match was attempted, but no match was made from the National Drug File.

You may queue the report to queue if you wish.

Select Printer: *[Select Print Device]*

 REPORT OF ATTEMPTED MATCH DRUGS

 Date printed: OCT 13,1998

 Page: 1

LOCAL DRUG NAME INACTIVE DEA

--------------------------------------------------------------------------------

AZATHIOPRINE 50MG \*\*\*\*\* N/F TAB

HALOPERIDOL 0.5MG U/D TAB 1-15-98

CYCLOPHOSPHAMIDE 200MG INJ

PHENYTOIN SUSP 150MG/6ML U/D 0

OXIDIZED CELLULOSE PADS S

IV INJECTION SET NO.2C0012 S

CODEINE PHOS. 15MG C.T.

ANTILYMPHOCYTE GLOBULIN STUDY DRUG I

BEPRIDIL STUDY CAPSULES, 100MG. I

### VA Product Names Matched Report

**[PSNPFN] Synonym: PROD**

This option generates a report listing all drugs that have been matched. The report is not cumulative and will not include entries that have been previously merged into the local DRUG file (#50). The VA Product Names matched report can be printed before and/or after the menu option Verify Matches. It should be printed and reviewed before the *Merge National Drug File Data Into Local File* option is executed. This report may also be printed after the auto-match process to review what was matched. It generates a hard copy of the matches selected in the menu option *Automatic Match of Unmatched Drugs* andtheoption *Verify Matches.*

The data for this report is stored in the NATIONAL DRUG TRANSLATION file (#50.612). If a matched entry has not been verified, it will appear on the report with a special notation NOT VERIFIED. (Refer to the first entries on the following sample report.) User names will only print on the report when those names change; the user who began the automatic match by NDC process will have his or her name printed on the report for those matches.

After reviewing this report, incorrect matches may be rematched by using the menu option *Rematch/Match Single Drugs*.

This report requires 132 columns. You may print the report immediately, or delay printing until a later time.

**Example: VA Product Names Matched Report**

Select National Drug File Reports Menu Option: **PROD** VA Product Names Matched Report

This report can be run before and/or after the menu option "Verify Matches".

It should be run before the menu option "Merge National Drug File Data Into

Local File". This report may also be run after the auto-match process to review

what was matched. It generates a hard copy of the matches selected in the menu

option "Automatic Match of Unmatched Drugs" and the menu option "Verify

Matches". This report requires 132 columns.

You may queue the report to print, if you wish.

Select Printer: *[Select Print Device]*

 report follows on the next page

**Example: VA Product Names Matched Report (cont.)**

 DRUG NAME FROM LOCAL DRUG FILE WITH MATCH FROM NATIONAL DRUG FILE

 Date printed: OCT 2,1998

 Page: 1

 LOCAL DRUG NAME VA PRODUCT NAME

-------------------------------------------------------------------------------------------------

 CHLORAMBUCIL 2MG S.C.T. CHLORAMBUCIL 2MG TAB

 ORDER UNIT: PKG SIZE: 50

 DISPENSE UNITS/ORDER UNITS: 1 PKG TYPE: BOTTLE

 DISPENSE UNIT: VA CLASS: AN100 ANTINEOPLASTICS,ALKYLATING AGENTS

 \*\* NOT VERIFIED \*\*

 CYTARABINE 500MG COMB.PK CYTARABINE 500MG/VIL INJ

 ORDER UNIT: PKG SIZE: 10 ML

 DISPENSE UNITS/ORDER UNITS: 1 PKG TYPE: VIAL

 DISPENSE UNIT: VA CLASS: AN300 ANTINEOPLASTICS,ANTIMETABOLITES

 \*\* NOT VERIFIED \*\*

 DACARBAZINE 200MG INJ DACARBAZINE 200MG/VIL INJ

 ORDER UNIT: PKG SIZE: 12 X 200 MG

 DISPENSE UNITS/ORDER UNITS: 1 PKG TYPE: VIAL

 DISPENSE UNIT: VA CLASS: AN900 ANTINEOPLASTIC,OTHER

 \*\* NOT VERIFIED \*\*

 DACTINOMYCIN 0.5MG INJ DACTINOMYCIN 0.5MG/VIL INJ

 ORDER UNIT: PKG SIZE: 3 ML

 DISPENSE UNITS/ORDER UNITS: 1 PKG TYPE: VIAL

 DISPENSE UNIT: VA CLASS: AN200 ANTINEOPLASTIC ANTIBIOTICS

 \*\* NOT VERIFIED \*\*

 FLUOROURACIL 500MG/10ML INJ FLUOROURACIL 50MG/ML INJ

 ORDER UNIT: PKG SIZE: 10 X 10 ML

 DISPENSE UNITS/ORDER UNITS: PKG TYPE: AMP

 DISPENSE UNIT: VA CLASS: AN300 ANTINEOPLASTICS,ANTIMETABOLITES

 \*\* NOT VERIFIED \*\*

 MORPHINE SULF 4MG/ML INJ TUBEX FLUOROURACIL 1% CREAM,TOP

 ORDER UNIT: PG PKG SIZE: 30 GM

 DISPENSE UNITS/ORDER UNITS: 10 PKG TYPE: TUBE

 DISPENSE UNIT: TUBEX VA CLASS: DE600 ANTINEOPLASTIC,TOPICAL

 \*\* NOT VERIFIED \*\*

 FLUOROURACIL 2% TOP.SOL. FLUOROURACIL 5% CREAM,TOP

 ORDER UNIT: PG PKG SIZE: 25 GM

 DISPENSE UNITS/ORDER UNITS: 1 PKG TYPE: TUBE

 DISPENSE UNIT: VA CLASS: DE600 ANTINEOPLASTIC,TOPICAL

 \*\* NOT VERIFIED \*\*

 ZZDICHLORPHENAMIDE 50MG TAB LOMUSTINE DOSEPAK (300MG TOTAL) CAP

 ORDER UNIT: BT PKG SIZE: 2 X 100 MG/2 X 40 MG/2 X 10 MG

 DISPENSE UNITS/ORDER UNITS: 100 PKG TYPE: PACKAGE

 DISPENSE UNIT: TAB VA CLASS: AN100 ANTINEOPLASTICS,ALKYLATING AGENTS

 \*\* NOT VERIFIED \*\*

 MECHLORETHAMINE 10MG INJ MECHLORETHAMINE HCL 10MG/VIL INJ

 ORDER UNIT: BT PKG SIZE: 4 X 20 ML

 DISPENSE UNITS/ORDER UNITS: 1 PKG TYPE: VIAL

 DISPENSE UNIT: VA CLASS: AN100 ANTINEOPLASTICS,ALKYLATING AGENTS

 \*\* NOT VERIFIED \*\*

### Local Drugs with No VA Drug Class Report

**[PSNOCLS] Synonym: NOCL**

This option generates a report of drugs from the local DRUG file (#50) which have no VA drug classification. It will print only the active drugs in the file. This report should be generated after using the *Merge National Drug File* *Data Into Local File* option. You may wish to print this report ***before*** and ***after*** executing the *Allow Unmatched Drugs To Be Classed* option.

This report will display the contents of the DEA, SPECIAL HDLG field (#3) if the field contains one of the following values:

0 (zero) Manufactured in Pharmacy

I Investigational Drug

M Bulk Compound Item

You can print the report immediately, or delay printing until a later time.

**Example: Local Drugs with No VA Drug Class Report**

Select National Drug File Reports Menu Option: **NOCL** Local Drugs With No VA Drug Class Report

This report should be run after executing the menu option "Merge National Drug

File Data Into Local File". It may be useful to print this report before and

after executing the "Allow Unmatched Drugs To Be Classed" option. It gives you

a hard copy of the drugs from your local drug file which are "active" and have

no VA Drug Classification.

You may queue the report to print, if you wish.

Select Printer: *[Select Print Device]*

 LOCAL DRUGS WITH NO VA CLASSIFICATION

Date printed: OCT 2,1998 Page: 1

NUMBER LOCAL DRUG GENERIC NAME DEA

--------------------------------------------------------------------------------

3 BLEOMYCIN 15 UNIT INJ

4 PEN

5 CHLORAMBUCIL 2MG S.C.T.

6 CYCLOPHOSPHAMIDE 50MG C.T.

7 CYCLOPHOSPHAMIDE 200MG INJ

8 CYCLOPHOSPHAMIDE 500MG INJ

 report continues on the next page

**Example: Local Drugs with No VA Drug Class Report (cont.)**

10 CYTARABINE 500MG COMB.PK

12 DACARBAZINE 200MG INJ

13 DACTINOMYCIN 0.5MG INJ

14 DOXORUBICIN 10MG S.P.

15 DOXORUBICIN 50MG S.P.

16 FLUOROURACIL 500MG/10ML INJ

18 FLUOROURACIL 2% TOP.SOL.

20 HYDROXYUREA 500MG CAP

22 MECHLORETHAMINE 10MG INJ

24 MELPHALAN 2MG S.T.

26 METHOTREXATE 2.5MG C.T.

27 METHOTREXATE 25MG/ML S.S.

29 MITHRAMYCIN 2.5MG L.P.

30 MITOMYCIN 5MG INJ

32 PROCARBAZINE 50MG CAP

*[This report has been abbreviated to save space.]*

### VA Drug Classification

**[PSNCLS] Synonym: CLVA**

This option generates a report of all VA Drug Classification codes and classes. You are given the option of having the classification descriptions printed in the report. You can choose to print all of the drug classifications or a range of classifications. In the following example, the “START WITH” and “GO TO” prompts refer to an alphabetical range in the classification code.

You may print the report immediately, or delay printing until a later time.

**Example: VA Drug Classification Report**

Select National Drug File Reports Menu Option: CLVA VA Drug Classification

This report will display the VA Drug Classification code and class name.

Would you also like to see the class descriptions? N// **Y**

START WITH CODE: FIRST// **A**

GO TO CODE: LAST// **C**

DEVICE: *[Select Print Device]*

VA DRUG CLASSIFICATION CODES

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--------------------------------------------------------------------------------

AD000 ANTIDOTES,DETERRENTS AND POISON CONTROL

NOTE: Includes nicotine polacrilex and other deterrents (AD900).

 Excludes anticoagulant antagonists (BL200,VT700);

 antifolate antagonists (VT102); antivenins (IM300);

 dialysis solutions (IR200); emetics (GA600); opioid

 antagonists (CN102).

 AD100 ALCOHOL DETERRENTS

 AD200 CYANIDE ANTIDOTES

 AD300 HEAVY METAL ANTAGONISTS

 AD400 ANTIDOTES,DETERRENTS,AND POISON CONTROL EXCHANGE RESINS

 AD900 ANTIDOTES/DETERRENTS,OTHER

AH000 ANTIHISTAMINES

NOTE: Excludes H2-antagonists (GA301); combination cold

 products (RE500).

 AH100 ANTIHISTAMINES,PHENOTHIAZINE

 AH200 ANTIHISTAMINES,ETHANOLAMINE

 AH300 ANTIHISTAMINES,ETHYLENEDIAMINE

 AH400 ANTIHISTAMINES,ALKYLAMINE

*[This report has been abbreviated to save space.]*

### NDF Info From Your Local Drug File

**[PSNRPT] Synonym: DFL**

This option generates a report containing information for a given range of drugs or for all drugs that have been merged. This option should be executed after the *Merge National Drug File Data Into Local File* option has been completed. The report contains data that is stored in the NDF fields of the local DRUG file (#50). Any drugs that do not contain NDF information (i.e., the drug has not been matched, verified, and merged) will be ignored. In the following example, the “START WITH” and “GO TO” prompts refer to an alphabetical range in the GENERIC NAME field (# .01).

To print a list of drugs by VA Drug Classification, you can use the *Formulary* *Report* option.

You can print the report immediately, or delay printing until a later time.

**Example: NDF Info from Local Drug File**

Select National Drug File Reports Menu Option: **DFL** NDF Info From Your Local Drug File

This report gives a printed copy of the drugs from your local drug file that

have been matched to the National Drug File. This report requires 132 columns.

You may queue the report to print, if you wish.

START WITH GENERIC NAME: FIRST// **<ENTER>**

DEVICE: *[Select Print Device]*

 NATIONAL DRUG INFO FROM YOUR LOCAL FILE

 Date printed: OCT 2,1998

 Page: 1

LOCAL DRUG INFO NDF INFO NDF NDF

LOCAL DRUG NAME VA PRODUCT NAME PKG SIZE PKG TYPE

-------------------------------------------------------------------------------------------------

ACETAMINOPHEN 160MG/5ML ELIXIR

 ATROPINE SO4 0.8MG/ML INJ

 30 ML

 BOTTLE

ORDER UNIT: PT VA CLASS: CN103 NON-OPIOID ANALGESICS

CS FEDERAL SCHEDULE:

DISPENSE UNITS/ORDER UNITS: 16

DISPENSE UNIT: OZ INGREDIENTS:

 ATROPINE SULFATE 0.8 MG/ML

ACETAMINOPHEN 650MG RECT SUPP

 ACETAMINOPHEN 600MG SUPP,RTL

 12

 PACKAGE

ORDER UNIT: BX VA CLASS: CN103 NON-OPIOID ANALGESICS

CS FEDERAL SCHEDULE:

DISPENSE UNITS/ORDER UNITS: 1

DISPENSE UNIT: BX(12s) INGREDIENTS:

 ATROPINE SULFATE 0.4 MG/ML

 report continues on the next page

**Example: NDF Info from Local Drug File (cont.)**

ACETAMINOPHEN 650MG RECT SUPP

 ACETAMINOPHEN 600MG SUPP,RTL

 12

 PACKAGE

ORDER UNIT: BX VA CLASS: CN103 NON-OPIOID ANALGESICS

CS FEDERAL SCHEDULE:

DISPENSE UNITS/ORDER UNITS: 1

DISPENSE UNIT: BX(12s) INGREDIENTS:

 ATROPINE SULFATE 0.4 MG/ML

ACETAMINOPHEN W/CODEINE 12.5MG

 CODEINE 12MG/ACETAMINOPHEN 120MG/5ML ELIXIR

 480 ML

 BOTTLE

ORDER UNIT: PT VA CLASS: CN101 OPIOID ANALGESICS

CS FEDERAL SCHEDULE:

DISPENSE UNITS/ORDER UNITS: 128

DISPENSE UNIT: OZ INGREDIENTS:

 ATROPINE SULFATE 0.5 %

ACETAMINOPHEN W/CODEINE 15MG T

 CODEINE 15MG/ACETAMINOPHEN 300MG TAB

 100

 BOTTLE

ORDER UNIT: BT VA CLASS: CN101 OPIOID ANALGESICS

CS FEDERAL SCHEDULE:

DISPENSE UNITS/ORDER UNITS: 100

DISPENSE UNIT: TAB INGREDIENTS:

 ATROPINE SULFATE 1 %

TOLMETIN 400MG DS CAP

 TOLMETIN NA 400MG CAP

 100

 BOTTLE

ORDER UNIT: BT VA CLASS: MS102 NONSALICYLATE NSAIs

CS FEDERAL SCHEDULE:

,ANTIRHEUMATIC

DISPENSE UNITS/ORDER UNITS: 100

DISPENSE UNIT: CAP INGREDIENTS:

 ATROPINE SULFATE 0.4 MG/ML

ACETAMINOPHEN W/CODEINE 30MG T

 CODEINE 30MG/ACETAMINOPHEN 300MG TAB

 100

 BOTTLE

ORDER UNIT: BT VA CLASS: CN101 OPIOID ANALGESICS

CS FEDERAL SCHEDULE: 3

DISPENSE UNITS/ORDER UNITS: 100

DISPENSE UNIT: TAB INGREDIENTS:

 ATROPINE SULFATE 0.4 MG/ML

ACETAMINOPHEN W/CODEINE 30MG T

 CODEINE 30MG/ACETAMINOPHEN 300MG TAB

 20 X 25

 UNIT DOSE

ORDER UNIT: BX VA CLASS: CN101 OPIOID ANALGESICS

CS FEDERAL SCHEDULE:

DISPENSE UNITS/ORDER UNITS: 500

DISPENSE UNIT: TAB INGREDIENTS:

 ATROPINE SULFATE 0.4 MG/ML

 *[This report has been abbreviated to save space.]*

### Supply (XA000) VA Class Report

**[PSNSUPLY] Synonym: SUPL**

This option generates a report of all the items from the local DRUG file (#50) which have an “XA” VA Drug Classification. It will print only the active items in the file, and will sort by local DRUG file (#50) generic name.

You may print the report immediately, or delay printing until a later time.

**Example: Supply (XA000) VA Class Report**

Select National Drug File Reports Menu Option: **SUPL** Supply (XA000) VA Class Report

This report should be run if you have already classed your local drugs/items

using Version 1.0 of NDF. After the installation of Version 2.0 of NDF and the

VA DRUG CLASS file is re-installed, you may wish to re-class your local items

with an "XA" classification using the newly expanded "XA000" classification. It

gives you a hard copy of the items from your local drug file which are "active"

and have an "XA" VA Drug Classification.

You may queue the report to print, if you wish.

Select Printer: *[Select Print Device]*

 LOCAL ITEMS WITH A "PROSTHETICS/SUPPLIES/DEVICES" VA CLASSIFICATION

Date printed: OCT 15,1998 Page: 1

NUMBER LOCAL DRUG GENERIC NAME VA CLASS NEW CLASS

--------------------------------------------------------------------------------

10515 ABDOMINAL BINDER SIZE 24-50IN XA900 \_\_\_\_\_\_\_

10516 ABDOMINAL BINDER SIZE 48-64IN XA900 \_\_\_\_\_\_\_

10638 ADHES DISC OSTOMY RELIASEAL #121200 1IN XA900 \_\_\_\_\_\_\_

8664 ADHESIVE CEMENT 120ML (SKIN BOND) U#4000 XA900 \_\_\_\_\_\_\_

9869 ADHESIVE FORMULA 120ML #0024 (ATLANTIC) XA900 \_\_\_\_\_\_\_

10543 ADHESIVE GASKET SEAL-TITE U#2687 1&1/4IN XA900 \_\_\_\_\_\_\_

10177 ADHESIVE GASKET SEAL-TITE U#2687 1&1/8IN XA900 \_\_\_\_\_\_\_

12239 ADHESIVE GASKET SEAL-TITE U#2687 1/2IN XA900 \_\_\_\_\_\_\_

10175 ADHESIVE GASKET SEAL-TITE U#2687 1IN XA900 \_\_\_\_\_\_\_

10178 ADHESIVE GASKET SEAL-TITE U#2687 5/8IN XA900 \_\_\_\_\_\_\_

*[This report has been abbreviated to save space.]*

### Manually Classed Drugs Report

**[PSNMCLS] Synonym: MANC**

This option generates a report, listing all active drugs in the local DRUG file (#50) that have been manually assigned a VA Drug Classification. The report will sort alphabetically by local drug generic name and will exclude supply items which have been assigned an “XA” classification.

You may print the report immediately, or delay printing until a later time.

**Example: Manually Classed Drugs Report**

Select National Drug File Reports Menu Option: MANC Manually Classed Drugs Report

This report will give you an alphabetic listing, by local generic name, of the

drugs from your local drug file which are "active" and have been assigned a

manual VA Drug Classification through the option "Allow Unmatched Drugs To Be

Classed". This report will exclude your supply items that have been assigned

an "XA" class.

You may queue the report to print, if you wish.

Select Printer: *[Select Print Device]*

 MANUALLY CLASSED DRUGS REPORT

Date printed: OCT 2,1998 Page: 1

NUMBER LOCAL DRUG GENERIC NAME VA DRUG CLASS

--------------------------------------------------------------------------------

12354 A NEW STICKY DRUG FOR TESTING BRAIN POWE CN103

10790 ACEBUTOLOL HCL 200MG CAP CV100

10455 ACEBUTOLOL HCL 400MG CAP CV100

263 SACCHARIN SODIUM 30MG SOL TAB 500/BT PH000

292 ACETAMINOPHEN 325MG TAB CN103

294 ACETAMINOPHEN 325MG TAB CN103

11369 ACETAMINOPHEN 325MG TAB U/D CN103

10372 ACETAMINOPHEN 325MG/10.15ML ELIXIR U/D CN103

5826 ACETAMINOPHEN 500MG CAP CN103

11531 ACETAMINOPHEN 500MG CAPLET CN103

10373 ACETAMINOPHEN 650MG/20.3ML ELIXIR U/D CN103

604 ACETAMINOPHEN W/CODEINE 30MG TAB CN101

*[This report has been abbreviated to save space.]*

### Local Drugs with No Match to NDF Report

**[PSNONDF] Synonym: NMAT**

This option generates a report that contains entries in your local DRUG file (#50) with no match to the National Drug files. You can print all drugs or only those marked for Outpatient Pharmacy use.

**Example: Local Drugs with No Match to NDF Report**

Select National Drug File Reports Menu Option: **NMAT** Local Drugs With NO Match to NDF Report

This report should be run after executing the menu option "Merge National Drug

File Data Into Local File". It gives you a hard copy of the drugs from your

local DRUG file which are "active" and have no match to NDF. You have the choice

to print ALL drugs or only drugs marked for Outpatient use. If you answer "yes" to the question, you will print all. If you answer "

no", you will print only

Outpatient use drugs.

You may queue the report to print, if you wish.

Do you wish to print ALL drugs from your local file?

Enter Yes or No: **YES**

Select Printer: *[Select Print Device]*

 LOCAL DRUGS WITH NO MATCH TO NDF

Date printed: OCT 2,1998 Page: 1

 DEA,

 MANUAL SPCL INACTIVE

NUMBER LOCAL DRUG GENERIC NAME CLASS HDLG DATE

--------------------------------------------------------------------------------

1196 A AND D OINTMENT

12354 A NEW STICKY DRUG FOR TESTING BRAIN POWE CN103 9L

6284 A-200 PYRINATE GEL 9

12287 A-AIR

12310 A-ALBUTEROL

12302 A-ALFENTANIL

12251 A-AMINOPHYLLINE

12306 A-ATRACURIUM

12269 A-ATROPINE SULFATE

12290 A-BEZOCAINE 14%/TETRACAINE 2% SPRAY

*[This report has been abbreviated to save space.]*

### Local Formulary Report

**[PSNFRMLY] Synonym: LOCF Locked: PSNMGR**

This option is locked with the PSNMGR key, so only user with the PSNMGR key can access it. This report gives you a printed copy of formulary drugs from your local file with synonyms not marked as quick codes. You are asked first whether or not to include supply items. Next you are asked to type in a title for this report. You can print by Generic Name/Tradename (see Example 1) or VA Class Code (see Example 2). If you choose to print by VA Class code, the software will ask you to pick a range of VA Drug Class Codes. Only active drugs will print.

![Note icon](data:None;base64...) This report should only be run ***after*** executing the NDF software.

You may print the report immediately, or delay printing until a later time.

**Example 1: Formulary Report sorted by Generic/Tradename**

Select National Drug File Reports Menu Option: **LOCF** Local Formulary Report

This report gives you a printed copy of formulary drugs from your local file

with synonyms marked as trade names. You will be asked if you want to include

supply items. You are asked to type in a title for this report.

You are then asked to print by Generic Name/Trade name or VA Class Code.

If you choose to print by VA Class Code, it will ask you to pick a range

of VA Drug Class Codes. Only active drugs will print. Drugs with

a future inactive date will print as well.

You may queue the report to print, if you wish.

Do you wish to include supply items? NO// **<RET>**

Enter title for report: HOSPITAL// **<RET>**

You may print by DRUG GENERIC NAME/TRADENAME or VA CLASS CODE.

Enter a <RET> or "G" to print by DRUG GENERIC NAME/TRADENAME or

"C" for VA CLASS CODE.

Print by:

 DRUG GENERIC NAME/TRADENAME// **G** GENERIC/TRADE

 report follows on the next page

**Example 1: Formulary Report sorted by Generic/Tradename (cont.)**

HOSPITAL FORMULARY Date printed: SEP 21,1998

 Page: 1

GENERIC/TRADE NAME

 GENERIC/TRADE NAME CLASS PRICE / DISP UNT

-------------------------------------------------------------------------------

A & D OINT. 5GM PK.

 DE350 0.04 / PK

ACETA 325MG TABS

 ACETAMINOPHEN 325MG TAB UD CN103 0.01 / TAB

ACETA-GESIC

 ACETAMINOPHEN 325MG TAB UD CN103 0.01 / TAB

ACETAMIN W/CODEINE 30MG(TYLENOL#3)TAB UD

 CN101 0.05 / BX

ACETAMIN W/CODEINE 30MG/12.5ML LIQ UD

 CN101 0.22 / CUP

ACETAMIN W/OXYCODONE 5MG(PERCOCET)TAB UD

 CN101 0.00 / TAB

ACETAMINOPHEN & OXYCODONE 5MG UD CAP

 CN101 0.05 / CAP

ACETAMINOPHEN 325MG C.T.

 CN103 0.01 / TAB

ACETAMINOPHEN 325MG TAB UD

 ACETA 325MG TABS CN103 0.01 / TAB

 ACETA-GESIC CN103 0.01 / TAB

 ACETAMINOPHEN 325MG TABLETS CN103 0.01 / TAB

 ALPRA 325 CN103 0.01 / TAB

*[This report has been abbreviated to save space.]*

**Example 2: Formulary Report sorted by VA Drug Class Code**

Select National Drug File Reports Menu Option: **LOCF** Local Formulary Report

This report gives you a printed copy of formulary drugs from your local file

with synonyms marked as trade names. You will be asked if you want to include

supply items. You are asked to type in a title for this report.

You are then asked to print by Generic Name/Trade name or VA Class Code.

If you choose to print by VA Class Code, it will ask you to pick a range

of VA Drug Class Codes. Only active drugs will print. Drugs with

a future inactive date will print as well.

You may queue the report to print, if you wish.

Do you wish to include supply items? NO// **<RET>**

Enter title for report: HOSPITAL// **HOSPITAL FORMULARY**

You may print by DRUG GENERIC NAME/TRADENAME or VA CLASS CODE.

Enter a <RET> or "G" to print by DRUG GENERIC NAME/TRADENAME or

"C" for VA CLASS CODE.

Print by:

 DRUG GENERIC NAME/TRADENAME// **C** CLASS

START WITH VA CLASSIFICATION: FIRST// **<RET>**

 report follows on the next page

**Example 2: Formulary Report sorted by VA Drug Class Code (cont.)**

HOSPITAL FORMULARY FORMULARY (BY VA DRUG CLASS) Date printed: SEP 21,1998

 Page: 1

 VA DRUG CLASS

 PRICE /

GENERIC NAME DISP UNT TRADE NAME(S)

--------------------------------------------------------------------------------

 AD100 ALCOHOL DETERRENTS

DISULFIRAM 125MG TAB UD 0.060 / EA

DISULFIRAM 250MG S.T. 0.211 / TAB

DISULFIRAM 62.5MG.TAB UD 0.050 / EA

 AD300 HEAVY METAL ANTAGONISTS

EDETATE CALCIUM DISODIUM INJ 5ML AMP 10.968 / AMP

 AD400 ANTIDOTES,DETERRENTS,AND POISON CONTROL EXCHANGE RESINS

SOD POLYSTYRENE SULF SUSP 15GM/60ML 1PT 2.600 / EA

SOD POLYSTYRENE SULF SUSP 15GM/60ML U.D. 3.000 / EA

SODIUM POLYSTYRENE SULFONATE PWD 1LB 28.860 / EA

 AD900 ANTIDOTES/DETERRENTS,OTHER

CHARCOAL 50GM W/SORBITOL IN SUSP 8OZ 3.250 / BT

CHARCOAL POWDER 30GM U.D. 3.250 / EA

DIGOXIN IMMUNE Fab F/INJ 40MG/VIAL 215.400 / EA

FLUMAZENIL 0.5mg/5ml INJ 22.310 / AMP

PRALIDOXIME 1GM INJ 7.848 / VI

### National Formulary Report

**[PSNNFL] Synonym: NATF**

This option allows you to generate a report of National Formulary names marked for National Formulary. This report can be sorted by National Formulary Name or VA Class. This information comes from the VA PRODUCTS file (# 50.68).

**Example: National Formulary Report**

Select National Drug File Reports Menu Option: **NATF** National Formulary Report

This report will print out all National Formulary marked for National

Formulary. You may sort by National Formulary Name or by VA Class.

This information comes from the VA Product file.

This report requires 132 columns. You may queue the report to print,

if you wish.

Sort by VA Class (C) or National Formulary Name (N)? **NAME**

Select Printer: *[Select Print Device]*

 VHA NATIONAL FORMULARY (BY NAME) Date printed: OCT 2,1998

 Page: 1

NATIONAL FORMULARY NAME VA CLASS RESTRICTION

-------------------------------------------------------------------------------------------------

ACARBOSE TAB HS502 R

ACETAMINOPHEN ELIXIR CN103

ACETAMINOPHEN LIQUID CN103

ACETAMINOPHEN SUSP CN103

ACETAMINOPHEN TAB CN103

ACETAMINOPHEN/CODEINE ELIXIR CN101

ACETAMINOPHEN/CODEINE TAB CN101

ACETAMINOPHEN/HYDROCODONE TAB CN101

ACETAMINOPHEN/OXYCODONE TAB CN101

ACETAZOLAMIDE INJ CV703

ACETAZOLAMIDE TAB CV703

ACETIC ACID LIQUID GU900

 PH000

ACYCLOVIR INJ AM800 R

ACYCLOVIR SUSP AM800

*[This report has been abbreviated to save space.]*

### Drug-Drug Interaction Report

**[PSNTER] Synonym: DDIN**

This option allows you to generate a report of all drug-drug interactions, both critical and significant, contained in the DRUG INTERACTION file (#56).

**Example: Drug-Drug Interaction Report**

Select National Drug File Reports Menu Option: **DDIN** Drug-Drug Interaction Report

This report gives you a printed copy of the Drug Interaction name, Severity,

and whether it was entered Nationally.

You may queue the report to print, if you wish.

START WITH NAME: FIRST// **<RET>**

DEVICE: *[Select Print Device]*

DRUG INTERACTION LIST OCT 2,1998 14:35 PAGE 1

 NATIONALLY

NAME SEVERITY ENTERED

--------------------------------------------------------------------------------

ACEBUTOLOL/ACETOHEXAMIDE SIGNIFICANT YES

ACEBUTOLOL/CHLORPROPAMIDE SIGNIFICANT YES

ACEBUTOLOL/CLONIDINE SIGNIFICANT YES

ACEBUTOLOL/DISOPYRAMIDE SIGNIFICANT YES

ACEBUTOLOL/EPINEPHRINE SIGNIFICANT YES

ACEBUTOLOL/FELODIPINE SIGNIFICANT YES

ACEBUTOLOL/GLIPIZIDE SIGNIFICANT YES

ACEBUTOLOL/GLYBURIDE SIGNIFICANT YES

ACEBUTOLOL/INDOMETHACIN SIGNIFICANT YES

ACEBUTOLOL/INSULIN SIGNIFICANT YES

ACEBUTOLOL/PIROXICAM SIGNIFICANT YES

ACEBUTOLOL/SULINDAC SIGNIFICANT YES

ACEBUTOLOL/TOLAZAMIDE SIGNIFICANT YES

ACEBUTOLOL/TOLBUTAMIDE SIGNIFICANT YES

ACEBUTOLOL/VERAPAMIL CRITICAL YES

ACETAMINOPHEN/SULFINPYRAZONE SIGNIFICANT YES

ACETOHEXAMIDE/ATENOLOL SIGNIFICANT YES

ACETOHEXAMIDE/BETAXOLOL SIGNIFICANT YES

ACETOHEXAMIDE/BISOPROLOL SIGNIFICANT YES

ACETOHEXAMIDE/CARTEOLOL SIGNIFICANT YES

ACETOHEXAMIDE/LABETALOL SIGNIFICANT YES

ACETOHEXAMIDE/METOPROLOL SIGNIFICANT YES

ACETOHEXAMIDE/NADOLOL SIGNIFICANT YES

ACETOHEXAMIDE/PENBUTOLOL SIGNIFICANT YES

ACETOHEXAMIDE/PINDOLOL SIGNIFICANT YES

ACETOHEXAMIDE/PROPRANOLOL SIGNIFICANT YES

ACETOHEXAMIDE/SOTALOL SIGNIFICANT YES

ACETOHEXAMIDE/TIMOLOL SIGNIFICANT YES

ACYCLOVIR/RIFAMPIN CRITICAL YES

ALFENTANIL/ERYTHROMYCIN SIGNIFICANT YES

ALLOPURINOL/AZATHIOPRINE CRITICAL YES

ALLOPURINOL/MERCAPTOPURINE CRITICAL YES

ALPRAZOLAM/CLOZAPINE SIGNIFICANT YES

*[This report has been abbreviated to save space.]*

### VA Products Marked for CMOP Transmission

**[PSNCMOP] Synonym: CMOP**

This option allows you to generate a report of all VA Product Names marked for Consolidated Mail Outpatient Pharmacy (CMOP) transmission. You can sort by VA Product Name or by the VA Identifier. This information comes from the VA PRODUCT file (# 50.68).

**Example 1: VA Product Marked for CMOP Transmission printed by VA Identifier**

Select National Drug File Reports Menu Option: **CMOP** VA Products Marked for CMOP Transmission

This report will print out all VA Product Names marked for CMOP transmission.

You may either sort by VA Product Name or by VA Identifier.

This information comes from the VA Products file (NATIONALLY MARKED).

 \*\*\* This is a long report \*\*\*

You may queue the report to print, if you wish.

Sort by VA Identifier (I) or VA Product Name (N)? **I**DENTIFIER

DEVICE: *[Select Print Device]*

 VA PRODUCT LIST Oct 02, 1998 13:57:31 PAGE 1

ID# VA PRINT NAME VA DISP UNIT

-------------------------------------------------------------------------------------------------

A0001 ACEBUTOLOL HCL 200MG CAP CAP

A0002 A & D OINT GM

A0003 ACEBUTOLOL HCL 400MG CAP CAP

A0004 ACETAMINOPHEN 100MG/ML SF DROPS ML

A0005 ACETAMINOPHEN 100MG/ML DROPS ML

A0007 ACETAMINOPHEN 120MG/5ML ELIXIR ML

A0009 ACETAMINOPHEN 130MG/5ML SOLN ML

A0010 ACETAMINOPHEN 160MG SPRINKLE CAP CAP

A0011 ACETAMINOPHEN 160MG TAB TAB

A0013 ACETAMINOPHEN 160MG/5ML LIQUID ML

A0015 APAP 200/PSEUDOEPHEDRINE 30MG CAP CAP

A0016 APAP 200/PSEUDOEPHEDRINE 30MG TAB TAB

A0017 APAP 250/SALICYLAMIDE 250MG CAP CAP

A0018 APAP 250/SALICYLAMIDE 600MG TAB TAB

A0019 APAP 300/CHLORZOXAZONE 250MG CAP CAP

A0020 APAP 300/CHLORZOXAZONE 250MG TAB TAB

A0021 ACETAMINOPHEN 325MG RTL SUPP EA

*[This report has been abbreviated to save space.]*

**Example 2: VA Product Marked for CMOP Transmission printed by VA Product Name**

Select National Drug File Reports Menu Option: **CMOP** VA Products Marked for CMOP Transmission

This report will print out all VA Product Names marked for CMOP transmission.

You may either sort by VA Product Name or by VA Identifier.

This information comes from the VA Products file (NATIONALLY MARKED).

 \*\*\* This is a long report \*\*\*

You may queue the report to print, if you wish.

Sort by VA Identifier (I) or VA Product Name (N)? NAME

DEVICE: *[Select Print Device]*

 VA PRODUCT LIST Oct 02, 1998 13:57:55 PAGE 1

VA PRODUCT NAME

 VA PRINT NAME VA DISP UNIT ID#

--------------------------------------------------------------------------------

A & D OINT

 A & D OINT GM A0002

ABCIXIMAB 2MG/ML INJ

 ABCIXIMAB 2MG/ML INJ ML A0578

ABSORBASE TOP OINT

 ABSORBASE TOP OINT GM A0489

ABSORBTIVE DRESSING 6GM #740036

 ABSORBTIVE DRESSING 6GM #740036 6GM PKT XA011

ACACIA POWDER

 ACACIA POWDER GM A0617

ACARBOSE 100MG TAB

 ACARBOSE 100MG TAB TAB A0600

ACARBOSE 100MG TAB UD

 ACARBOSE 100MG TAB UD TAB A0996

ACARBOSE 25MG TAB

 ACARBOSE 25MG TAB TAB A0987

ACARBOSE 50MG TAB

 ACARBOSE 50MG TAB TAB A0599

ACARBOSE 50MG TAB UD

 ACARBOSE 50MG TAB UD TAB A0997

ACCU-CHEK II CONTROL

 ACCU-CHEK II CONTROL EA XA012

ACEBUTOLOL HCL 200MG CAP

 ACEBUTOLOL HCL 200MG CAP CAP A0001

ACEBUTOLOL HCL 400MG CAP

 ACEBUTOLOL HCL 400MG CAP CAP A0003

ACEL-IMUNE INJ

 ACEL-IMUNE INJ ML A0618

ACETAMINOPHEN 100MG/ML DROPS

 ACETAMINOPHEN 100MG/ML DROPS ML A0005

ACETAMINOPHEN 100MG/ML SF DROPS

 ACETAMINOPHEN 100MG/ML SF DROPS ML A0004

ACETAMINOPHEN 120MG RTL SUPP

 ACETAMINOPHEN 120MG RTL SUPP EA A0006

ACETAMINOPHEN 120MG/5ML ELIXIR

 ACETAMINOPHEN 120MG/5ML ELIXIR ML A0007

ACETAMINOPHEN 125MG RTL SUPP

 ACETAMINOPHEN 125MG RTL SUPP EA A0008

*[This report has been abbreviated to save space.]*

### VA Product Names By Class Report

**[PSNCLPR] Synonym: PNCL**

This option generates a report of all VA Product Names sorted by VA Drug Class. You can sort by Primary, Secondary, or Both classes. The information for this report comes from the VA PRODUCT file (# 50.68).

**Example: VA Product Names by Class**

Select National Drug File Reports Menu Option: **PNCL** VA Product Names By Class Report

This report will print out all VA Product Names by VA Drug Class. You may

sort by Primary, Secondary, or Both Classes. This information comes from

the VA Products file.

You may queue the report to print, if you wish.

Sort by Primary (P), Secondary (S), or Both (B) Classes? **PRIMARY**

DEVICE: *[Select Print Device]*

VA PRODUCT LIST Oct 02, 1998 13:58:32 PAGE 1

PRIMARY

VA CLASS

CODE VA PRODUCT NAME

--------------------------------------------------------------------------------

AD100 DISULFIRAM 250MG TAB

AD100 DISULFIRAM 500MG TAB

AD200 CYANIDE ANTIDOTE PACKAGE INJ

AD200 METHYLENE BLUE 1% INJ

AD200 NA SULFITE 0.0125%/NA THIOSULFATE 10%/NACL 0.3% INJ

AD200 SODIUM THIOSULFATE 100MG/ML INJ

AD200 SODIUM THIOSULFATE 250MG/ML INJ

AD300 DEFEROXAMINE MESYLATE 100MG/ML INJ

AD300 DIMERCAPROL 100MG/ML INJ

AD300 EDETATE CA DISODIUM 200MG/ML INJ

AD300 EDETATE DISODIUM 150MG/ML INJ

AD300 SUCCIMER 100MG CAP

AD300 TRIENTINE HCL 250MG CAP

AD400 SODIUM POLYSTYRENE SULFONATE 15GM/60ML SUSP

AD400 SODIUM POLYSTYRENE SULFONATE 30GM/120ML RTL

AD400 SODIUM POLYSTYRENE SULFONATE 50GM/200ML SUSP,RTL

AD400 SODIUM POLYSTYRENE SULFONATE PWDR

AD900 CHARCOAL 260MG CAP,ORAL

AD900 CHARCOAL 60ML #4/IPECAC SYRUP 30ML/KIT

AD900 CHARCOAL,ACTIVATED 15GM/120ML LIQUID

AD900 CHARCOAL,ACTIVATED 15GM/75ML LIQUID

AD900 CHARCOAL,ACTIVATED 25GM/120ML LIQUID

AD900 CHARCOAL,ACTIVATED 25GM/SORBITOL 120ML LIQUID

AD900 CHARCOAL,ACTIVATED 30GM/120ML LIQUID

AD900 CHARCOAL,ACTIVATED 30GM/SORBITOL 70% 150ML LIQUID

AD900 CHARCOAL,ACTIVATED 50GM/240ML LIQUID

AD900 CHARCOAL,ACTIVATED 50GM/SORBITOL 240ML LIQUID

AD900 CHARCOAL,ACTIVATED PWDR

AD900 CHLORPHENIRAMINE 2MG TAB #4/EPINEPHRINE 1MG SYR/KIT

AD900 DEXTRAN-1,150MG/ML INJ

AD900 DIGOXIN IMMUNE FAB (OVINE) 40MG/VIL INJ

AD900 FLUMAZENIL 0.1MG/ML INJ

AD900 FOMEPIZOLE 1GM/ML INJ

*[This report has been abbreviated to save space.]*

### Local Drug/VA Print Name Report

**[PSNVAPRINT] Synonym: LDPN**

This option generates a report listing all active entries in the local DRUG file (#50) for which the Generic Name does not match the VA Print Name stored in the National Drug File. You can sort this report alphabetically using a range of letters, or display all entries in the file that meet this criteria.

**Example: Local Drug/VA Print Name Report**

Select National Drug File Reports Menu Option: Local Drug/VA Print Name Report

 This report shows a list of the active drugs in local DRUG file where the

 GENERIC NAME does not match the VA PRINT NAME.

 Select one of the following:

 A ALL

 S SELECT A RANGE

Print Report for (A)ll Drugs or (S)elect a Range of Drugs: S// SELECT A RANGE

There are drugs in the Drug file with leading numerics.

Print report for drugs with leading numerics? N// O

To see drugs beginning with the letter 'A', enter 'A', or whichever letter you

wish to see. To see drugs in a range, for example drugs starting with the

letters 'G', 'H', 'I' and 'J', enter in the format 'G-J'.

Select a Range: A-B

This report will include drugs starting with the letter A,

and ending with drugs starting with the letter B.

Is this correct? Y// ES

DEVICE: HOME// VIRTUAL Right Margin: 80//

 report follows on the next page

**Example: Local Drug/VA Print Name Report (cont.)**

Local Drug/VA Print Name Report

 for Drug Names Beginning with the letter A through B

Date printed: MAR 16,2001 Page: 1

Generic Name VA Print Name

-------------------------------------------------------------------------------

A AND D OINTMENT A & D OINT

ABSORBABLE GELATIN FILM

ABSORBABLE GELATIN SPONGE SZ. 12 HYDROCORTISONE 10MG TAB

ABSORBABLE GELATIN SPONGE SZ.7

ABSORBABLE GELATIN SPONGE-100

ACE BANDAGE 4 INCH ADHESIVE ELASTIC BANDAGE

ACETAMINOPHEN 325MG TABLET ACETAMINOPHEN 325MG TAB

ACETAMINOPHEN 650MG SUPPOS. ACETAMINOPHEN 650MG RTL SUPP

ACETAMINOPHEN AND CODEINE 30MG CODEINE 30/ACETAMINOPHEN 300MG TAB

ACETAMINOPHEN, CODEINE ELIXIR (OZ) CODEINE 12/APAP 120MG/5ML ELIXIR

ACETAMINPHEN 325MG CT ACETAMINOPHEN 325MG TAB

ACETAZOLAMIDE 250MG S.T. ACETAZOLAMIDE 250MG TAB

ACETAZOLAMIDE 500MG INJ ACETAZOLAMIDE NA 500MG/VIL INJ

ACETAZOLAMIDE 500MG SEQUELS ACETAZOLAMIDE 500MG SA CAP

ACETEST 100'S ACETEST TAB (NOT FOR ORAL USE)

ACETIC ACID 0.25% IRRIG. 500ML ACETIC ACID 0.25% IRRG SOLN

ACETIC ACID 2% OTIC SOL 15 ML ACETIC ACID 2% OTIC SOLN

ACETIC ACID 2%/HC 1% OTIC SOL ACETIC ACID 2/HC 1% OTIC SOLN

ACETYLCHOLINE CHL INTRAOCULAR ACETYLCHOLINE CHLORIDE 1% OPH SOLN

ACETYLCYSTEINE 20% 30ML ACETYLCYSTEINE 20% INHL SOLN

ACTIVATED CHARCOAL USP ACTIVATED CHARCOAL 250MG TAB

*[This report has been abbreviated to save space.]*

### Local Drugs Excluded from Drug-Drug Interactions

**[PSNODDI] Synonym: LDRG**

This option generates a report of local dispense drugs which are matched to VA Products that are marked as EXCLUDE from drug-drug interaction checking.

**Example: Local Drugs Excluded from Drug-Drug Interactions**

Select National Drug File Reports Menu Option: **LDRG** Local Drugs Excluded from Drug-Drug Interactions

This report gives you a printed copy of Dispense Drugs from your

local file which are matched to VA Products that are marked as

EXCLUDE from Drug-Drug Interaction checking.

You may queue the report to print, if you wish.

START WITH GENERIC NAME: FIRST//**<ENTER>**

DEVICE: GENERIC INCOMING TELNET

DISPENSE DRUGS MATCHED TO VA PRODUCTS EXCLUDED FROM DRG-DRG INTERACTION CHECKING

GENERIC NAME VA DRUG CLASS DOSE FORM

VA PRODUCT NAME

A AND Z OINTMENT DE350 OINT,TOP

VITAMIN A/VITAMIN D OINT,TOP

ABSORBABLE GELATIN SPONGE SZ.7 BL300 SPONGE

GELATIN,ABSORBABLE SPONGE,SZ 12,7MM

ABSORBABLE GELATIN SPONGE-100 BL300 SPONGE

GELATIN,ABSORBABLE SPONGE,SZ 100

ACE BANDAGE 4 INCH XA108 BANDAGE

ADHESIVE BANDAGE,ELASTIC

ACETIC ACID 0.25% IRRIG. 500ML IR100 SOLN,IRRG

ACETIC ACID 0.25% SOLN,IRRG

*[This report has been abbreviated to save space.]*

### VA Products Excluded from Drug-Drug Interactions

**[PSNexmpt] Synonym: VDRG**

This option generates a report of active VA Products marked as EXCLUDE from drug-drug interaction checking.

**Example: VA Products Excluded from Drug-Drug Interactions**

Select National Drug File Reports Menu Option: **VDRG** VA Products Excluded from Drug-Drug Interactions

This report gives you a printed copy of active VA Products marked as

EXCLUDE from Drug-Drug Interaction checking.

You may queue the report to print, if you wish.

START WITH NAME: FIRST// **<ENTER>**

DEVICE: GENERIC INCOMING TELNET

VA Products Marked As Exclude From Drg-Drg Interaction Checking

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--------------------------------------------------------------------------------

ABSORBASE OINT,TOP

ABSORBTIVE DRESSING 6GM #740036

ACCESS PIN, NEEDLE-FREE ALARIS #2200E

ACCU-CHEK ACTIVE (GLUCOSE) HI/LO CONTROL SOLN

ACCU-CHEK ACTIVE (GLUCOSE) TEST STRIP

ACCU-CHEK COMFORT CURVE (GLUCOSE) HI/LO CONTROL SOLN

ACCU-CHEK COMFORT CURVE (GLUCOSE) HI/MED/LO CONTROL SOLN

ACCU-CHEK COMFORT CURVE (GLUCOSE) TEST STRIP

ACCU-CHEK COMFORT CURVE-H (GLUCOSE) HI/LO CONTROL SOLN

ACCU-CHEK COMFORT CURVE-H (GLUCOSE) TEST STRIP

ACCU-CHEK COMPACT (GLUCOSE) TEST DRUM,17

ACCU-CHEK II CONTROL

ACCU-CHEK INSTANT (GLUCOSE) CONTROL SOLN

ACCU-CHEK INSTANT (GLUCOSE) METER

ACCU-CHEK INSTANT (GLUCOSE) TEST STRIP

ACCU-CHEK INSTANT DM (GLUCOSE) METER

# Using the Inquire Options

## Inquiry Options

**[PSNQUER] Synonym: INQ**

This sub-menu contains all the inquiry options in the National Drug File package.

*LINQ Inquire To Local Drug File*

*PNIN Inquire to VA Product Info For Local Drug* ***\****

*NDCU NDC/UPN Inquiry*

*NAT Inquire to National Files*

\*Formerly *Lookup National Drug Info In Local File.*

### Inquire to Local Drug File

**[PSNVIEW] Synonym: LINQ**

This option allows you to view the local DRUG file (#50) by Generic Name/Synonym or VA Drug Class Code. If you choose a VA Drug Class Code, you may enter either the code or the class name. For VA Drug Class Code, the software will sort by the least expensive price in the PRICE PER DISPENSE UNIT field (#16). The Generic Name, VA Drug Class Code, Price Per Dispense Unit, Message, and Synonyms not marked as quick codes are displayed. Only active formulary drugs can be viewed.

**Example 1: Inquire to Local Drug File by Generic Name Chosen**

Select Inquiry Options Option: **LINQ** Inquire To Local Drug File

You may look-up by DRUG GENERIC NAME or VA CLASS CODE

Enter a "G" for GENERIC NAME or a "C" for VA CLASS CODE: **G** GENERIC

Select DRUG GENERIC NAME : **NORPACE**

 1 NORPACE PENICILLAMINE 125MG CAP MS104

 2 NORPACE DISOPYRAMIDE 150MG CAP Tier 3

 3 NORPACE 100MG CAP DISOPYRAMIDE 100MG CAP CV300

 4 NORPACE 150MG CAP DISOPYRAMIDE 150MG CAP CV300

 5 NORPACE CR 100MG CAP DISOPYRAMIDE \*\*CR\*\* 100MG CAP CV300

Press <RETURN> to see more, '^' to exit this list, OR

CHOOSE 1-5: **2** DISOPYRAMIDE 150MG CAP

 report follows on the next page

**Example 1: Inquire to Local Drug File by Generic Name Chosen (cont.)**

GENERIC NAME: DISOPYRAMIDE 150MG CAP

VA DRUG CLASS CODE:

 PRICE/DISPENSING UNIT: 0.160

 MESSAGE:

SYNONYM(S):

 NORPACE

You may look-up by DRUG GENERIC NAME or VA CLASS CODE

Enter a "G" for GENERIC NAME or a "C" for VA CLASS CODE: **<RET>**

###

### Inquire to VA Product Info For Local Drug

**[PSNLOOK] Synonym: PNIN**

This option was formerly known as *Lookup National Drug Info in Local File*. This option allows you to look up entries in the local DRUG file (#50). It will display information found in the VA PRODUCT file (# 50.68) for the VA Product Name to which the local drug is matched.

 Patch PSN\*4\*396 modified this option to include the following fields from

 the VA PRODUCT file (#50.68) when values are defined:

 HAZARDOUS TO HANDLE field (#101)

 HAZARDOUS TO DISPOSE field (#102)

 PRIMARY EPA CODE field (#103)

 WASTE SORT CODE field (#104)

 DOT SHIPPING CODE field (#105)

 FORMULARY DESIGNATOR field (#109)

 FORMULARY DESIGNATOR TEXT field (#110)

 CLINICAL EFFECT multiple (#50.68108)

 PACKAGE field (#.01)

 OMIT EXP/DC ORDER CHECK field (#1)

 DURATION LIMIT field (#2)

 With patch PSN\*4\*513 users will see these fields populated or displayed.

 When data is populated, the hazardous waste group of fields will display after

 Maximum Days Supply. FORMULARY DESIGNATOR field (#109) will display

 after NATIONAL FORMULARY INDICATOR and FORMULARY DESIGNATOR

 TEXT field (#110) will display as "Product Text" after NATIONAL

 RESTRICTION". The CODING SYSTEM multiple (#43) will be populated with

 RxNorm data.

 The DURATION LIMIT field (#2) of the CLINICAL EFFECTS multiple

 (#50.68108) defines the time frame that expired and discontinued

 orders are omitted from Medication Order Check Application (MOCHA)

 enhanced order checking. The default value of NO will be displayed

 after Override DF Exclude from Dosage Checks. The CLINICAL EFFECTS fields

 will not be populated until a future patch and until that time the default value of

 NO will be displayed.

**Example: Lookup National Drug Info in Local File**

Select Inquiry Options Option: **PNIN** Inquire to VA Product Info For Local Drug

This option will allow you to look up entries in your local DRUG file. It will

display National Drug File software match information.

**Exclude Interaction check=Y, Override DF Exclude from Dosage Check =N**

Note that the Exclude Drg-Drg Interaction Ck field only displays when set to ‘Yes.’ If a dosage form has been excluded from dosage checks that fact will be displayed next to the dosage form.

Select DRUG GENERIC NAME: HYDROCORTISONE 1% CREAM DE200

 DRUG Generic Name: HYDROCORTISONE 1% CREAM

 VA Product Name: HYDROCORTISONE 1% CREAM,TOP

 VA Generic Name: HYDROCORTISONE

Dosage Form: CREAM,TOP (Exclude from Dosing Cks)

Strength: 1 Units: %

National Formulary Name: HYDROCORTISONE CREAM,TOP

VA Print Name: HYDROCORTISONE 1% CREAM

VA Product Identifier: H0055 Transmit To CMOP: YES

VA Dispense Unit: GM

PMIS: HYDROCORTISONE - TOPICAL

Active Ingredients:

 HYDROCORTISONE Str: 1 Unt: %

Press Return to Continue:

Primary Drug Class: DE200

CS Federal Schedule: None

Single/Multi Source Product:

Max Single Dose: Min Single Dose:

Max Daily Dose: Min Daily Dose:

Max Cumulative Dose:

National Formulary Indicator: Yes

Formulary Designator: PA-N

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE. Copay Tier: 2

Copay Effective Date: APR 1, 2016

Exclude Drg-Drg Interaction Ck: Yes (No check for Drug-Drug Interactions)

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

Press Return to Continue:

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

Press Return to Continue:

Coding System: RxNorm

Code: 898587

Restriction:

Refer to VA/DoD Hyperlipidemia treatment guidelines

Select DRUG GENERIC NAME:

In this example, the Dosage Form of ‘Oil’ is excluded from dosage checks, but since the Override DF Exclude from Dosage Checks is set to ‘Yes’, dosage checks will be performed for the VA Product, ‘Cod Liver Oil.’

Select DRUG GENERIC NAME: Cod liver oil

 1 COD LIVER OIL VT801

 2 COD LIVER OIL/TALC/ZINC OXIDE 40% OINT DE900

CHOOSE 1-2: 1 COD LIVER OIL VT801

 DRUG Generic Name: COD LIVER OIL

 VA Product Name: COD LIVER OIL

 VA Generic Name: COD LIVER OIL

Dosage Form: OIL (Exclude from Dosing Cks)

Strength:

National Formulary Name: COD LIVER OIL OIL

VA Print Name: COD LIVER OIL

VA Product Identifier: C0504 Transmit To CMOP: YES

VA Dispense Unit: ML

PMIS: None

Active Ingredients:

 COD LIVER OIL Str:

Press Return to Continue:

Primary Drug Class: VT801

CS Federal Schedule: None

Single/Multi Source Product:

Max Single Dose: Min Single Dose:

Max Daily Dose: Min Daily Dose:

Max Cumulative Dose:

National Formulary Indicator: No

Copay Tier: 0

Copay Effective Date: APR 1, 2016

Override DF Exclude from Dosage Checks: Yes (Dosage Checks shall be performed)

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

Press Return to Continue:

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

Press Return to Continue:

Coding System: RxNorm

Code: 89800

Restriction:

Refer to VA/DoD Hyperlipidemia treatment guidelines

Select DRUG GENERIC NAME:

**Exclude Interaction check=not set, Override DF Exclude from Dosage Check =Y**

In this example, the Dosage Form of ‘Powder,Oral’ IS NOT excluded from dosage checks, but since the Override DF Excluded from Dosage Checks is set to ‘Yes’, dosage checks will not be performed for the VA Product , ‘Thick-It Powder’.

Select DRUG GENERIC NAME: THICK-IT POWDER TN200

 DRUG Generic Name: THICK-IT POWDER

 VA Product Name: THICK-IT POWDER

 VA Generic Name: THICK-IT

Dosage Form: POWDER,ORAL

Strength:

National Formulary Name: THICK-IT POWDER,ORAL

VA Print Name: THICK-IT POWDER

VA Product Identifier: T0557 Transmit To CMOP: YES

VA Dispense Unit: GM

PMIS: None

Active Ingredients:

 CORN STARCH Str:

Press Return to Continue: <ENTER>

Primary Drug Class: TN200

CS Federal Schedule: 0 Unscheduled

Single/Multi Source Product:

Max Single Dose: Min Single Dose:

Max Daily Dose: Min Daily Dose:

Max Cumulative Dose:

National Formulary Indicator: Yes

Formulary Designator: PA-N

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE. Copay Tier: 0

Copay Effective date: APR 1, 2016

Override DF Exclude from Dosage Checks: Yes (No Dosage Checks performed)

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

Press Return to Continue:

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

Press Return to Continue:

Coding System: RxNorm

Code: 8987

Restriction:

Refer to VA/DoD Hyperlipidemia treatment guidelines

Select DRUG GENERIC NAME:

### Auto-Creation of Supra-Therapeutic Possible Dosages

In order to prevent inadvertent creation of supra-therapeutic possible dosages for high risk medications during the dosage creation segment of Pharmacy Data Management and National Drug File updates, three patches have been released. Patch PSN\*4\*261 added three new fields to the VA PRODUCT file (#50.68). Patch PSN\*4\*262, in conjunction with Pharmacy Data Management patch PSS\*1\*155, provides the functionality to determine if possible dosages should be auto-created or not during the match/re-match process.

PSN\*4\*262 contains changes to the *Inquire to VA Product Info For Local Drug* [PSNLOOK] option to include the display of the new fields.

![Note icon](data:None;base64...) For more information about the new fields, refer to PSN\*4\*261. For information on how the new fields affect auto-creation of possible dosages during the match and re-match process, refer to patch PSS\*1\*155. For more information about the supra-therapeutic dosages project, refer to the Release Notes for these patches.

**Example 1: Auto-Create Default Possible Dosage=Yes [PSNLOOK]**

Select OPTION NAME: PSNLOOK

This option will allow you to look up entries in your local DRUG file. It will display National Drug File software match information.

Select DRUG GENERIC NAME:    NIFEDIPINE 20MG CAPS         CV200

              DRUG Generic Name:  NIFEDIPINE 20MG CAPS

     VA Product Name: NIFEDIPINE 20MG CAP

     VA Generic Name: NIFEDIPINE

Dosage Form: CAP,ORAL

Strength: 20 Units: MG

National Formulary Name: NIFEDIPINE CAP,ORAL

VA Print Name: NIFEDIPINE 20MG CAP

VA Product Identifier: N0042                      Transmit To CMOP: YES

VA Dispense Unit: CAP

PMIS: NIFEDIPINE - ORAL

Active Ingredients:

   NIFEDIPINE                                     Str: 20        Unt: MG

Press Return to Continue:

Primary Drug Class: CV200

CS Federal Schedule:   None

Single/Multi Source Product:

Max Single Dose:                             Min Single Dose:

Max Daily Dose:                              Min Daily Dose:

Max Cumulative Dose:

National Formulary Indicator: No

Copay Tier: 3

Copay Effective Date: APR 1, 2016

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

Restriction:

Refer to PBM/MAP criteria for use of long-acting dihydropyridine calcium

antagonists

Press Return to Continue:

**Example 2: Auto-Create Default Possible Dosage= No, and No Possible Dosages Created [PSNLOOK]**

…

National Formulary Indicator: No

Copay Tier: 3

Copay Effective Date: APR 1, 2016

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? No

    Possible Dosages To Auto-Create: No Possible Dosages

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

**Example 3: Auto-Create Default Possible Dosage= No, and Create One Possible Dosage [PSNLOOK]**

…

National Formulary Indicator: No

Copay Tier: 3

Copay Effective Date: APR 1, 2016

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? No

    Possible Dosages To Auto-Create: 1x Possible Dosages

                            Package: Inpatient

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

**Example 4: Auto-Create Default Possible Dosage= No, and Create Two Possible Dosages [PSNLOOK]**

…

National Formulary Indicator: No

Copay Tier: 3

Copay Effective Date: APR 1, 2016

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? No

    Possible Dosages To Auto-Create: 2x Possible Dosages

                            Package: Inpatient and Outpatient

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

### Fixed Medication Copayment Tier

PSN\*4.0\*492 contains changes to the *Inquire to VA Product Info For Local Drug* [PSNLOOK] option to include the display of the new fields as part of the Fixed Medication Copay Tier project.

![Note icon](data:None;base64...)For more information about the new fields, refer to the patch description for PSN\*4.0\*492 in Forum.

The Copay Tier fields will be displayed after the National Formulary Indicator Field.

Primary Drug Class: BL110

CS Federal Schedule: 0 Unscheduled

Single/Multi Source Product: Multi

Max Single Dose: Min Single Dose:

Max Daily Dose: Min Daily Dose:

Max Cumulative Dose:

National Formulary Indicator: Yes

Formulary Designator: PA-N

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE. Copay Tier:

Copay Effective Date:

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

**Example 1: Auto-Create Default Possible Dosage= No, and Create One and Two Possible Dosages [PSNLOOK]**

Select Inquiry Options Option: PNIN  Inquire to VA Product Info For Local Drug

This option will allow you to look up entries in your local DRUG file. It will

display National Drug File software match information.

Select DRUG GENERIC NAME: DICLOX

     1   DICLOXACILLIN 250MG CAP           AM112

     2   DICLOXACILLIN SUSP 62.5MG/5ML 80ML           AM112

CHOOSE 1-2: 1  DICLOXACILLIN 250MG CAP         AM112

              DRUG Generic Name:  DICLOXACILLIN 250MG CAP

     VA Product Name: DICLOXACILLIN NA 250MG CAP

     VA Generic Name: DICLOXACILLIN

Dosage Form: CAP,ORAL

Strength: 250 Units: MG

National Formulary Name: DICLOXACILLIN CAP,ORAL

VA Print Name: DICLOXACILLIN NA 250MG CAP

VA Product Identifier: D0064                      Transmit To CMOP: YES

VA Dispense Unit: CAP

PMIS: DICLOXACILLIN - ORAL

Active Ingredients:

   DICLOXACILLIN                                  Str: 250       Unt: MG

Press Return to Continue:

Primary Drug Class: AM112

CS Federal Schedule:   None

Single/Multi Source Product:

Max Single Dose:                             Min Single Dose:

Max Daily Dose:                              Min Daily Dose:

Max Cumulative Dose:

National Formulary Indicator: Yes

Formulary Designator: PA-N

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE. Copay Tier: 3

Copay Effective Date: APR 05, 2016

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? No

    Possible Dosages To Auto-Create: 1x and 2x Possible Dosages

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

Press Return to Continue:

NDC/UPN Inquiry

**[PSNUPN] Synonym: NDCU**

With this option you can enter an NDC or UPN to get the corresponding information displayed to the screen. This data comes from the NDC/UPN file (#50.67).

**Example: Inquiry using an NDC**

Select Inquiry Options Option: **NDC** NDC/UPN Inquiry

This option allows you to pick an NDC or UPN and the corresponding

information from NDC/UPN file will be displayed to the screen.

Do you want to Inquire on an NDC or UPN:

 Select one of the following:

 N NDC

 U UPN

Enter response: NDC// **<ENTER>**

Select NDC/UPN: **510002014150**

 1 510002014150 86849

 2 510002014150 86850

CHOOSE 1-2: **2** 86850

NDC: 510002014150 OTX/RX Indicator:

Manufacturer: FEDERAL SUPPLY

Trade Name: COTTON BALL

Package Size: 2000 Package Type: BAG

Do you want to Inquire on an NDC or UPN:

 Select one of the following:

 N NDC

 U UPN

Enter response: NDC// **<ENTER>**

Select NDC/UPN: **<ENTER>**

### Inquire to National Files

[PSNACT] Synonym: NAT

The Inquire to National Files displays information related to products contained within the national files. The product may be selected by entering the VA Product Name, CMOP ID or NDC.

Select Inquiry Options Option: **NAT** Inquire to National Files

This option allows you to lookup NDF file information three ways (VA Product Name, NDC, or CMOP ID number).

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ?

*Auto-Creation of Supra-Therapeutic Possible Dosages*

In order to prevent inadvertent creation of supra-therapeutic possible dosages for high risk medications during the dosage creation segment of Pharmacy Data Management and National Drug File updates, three patches have been released. Patch PSN\*4\*261 added three new fields to the VA PRODUCT file (#50.68). Patch PSN\*4\*262, in conjunction with Pharmacy Data Management patch PSS\*1\*155, provides the functionality to determine if possible dosages should be auto-created or not during the match/re-match process.

PSN\*4\*262 contains changes to the *Inquire to National Files* [PSNACT] option to include the display of the new fields.

![Note icon](data:None;base64...)For more information about the new fields, refer to PSN\*4\*261. For information on how the new fields affect auto-creation of possible dosages during the match and re-match process, refer to patch PSS\*1\*155.

Patch PSN\*4\*396 modified this option to include the following fields from

 the VA PRODUCT file (#50.68) when values are defined:

 HAZARDOUS TO HANDLE field (#101)

 HAZARDOUS TO DISPOSE field (#102)

 PRIMARY EPA CODE field (#103)

 WASTE SORT CODE field (#104)

 DOT SHIPPING CODE field (#105)

 FORMULARY DESIGNATOR field (#109)

 FORMULARY DESIGNATOR TEXT field (#110)

 CLINICAL EFFECT multiple (#50.68108)

 PACKAGE field (#.01)

 OMIT EXP/DC ORDER CHECK field (#1)

 DURATION LIMIT field (#2)

 With patch PSN\*4\*513 users will see these fields populated or displayed.

 When data is populated, the hazardous waste group of fields will display after

 Maximum Days Supply. FORMULARY DESIGNATOR field (#109) will display

 after NATIONAL FORMULARY INDICATOR and FORMULARY DESIGNATOR

 TEXT field (#110) will display as "Product Text" after NATIONAL

 RESTRICTION". The CODING SYSTEM multiple (#43) will be populated with

 RxNorm data.

 The DURATION LIMIT field (#2) of the CLINICAL EFFECTS multiple

 (#50.68108) defines the time frame that expired and discontinued

 orders are omitted from Medication Order Check Application (MOCHA)

 enhanced order checking. The default value of NO will be displayed

 after Override DF Exclude from Dosage Checks. The CLINICAL EFFECTS fields

 will not be populated until a future patch and until that time the default value of

 NO will be displayed.

**Example 1: NDF Inquiry by VA Product Name**

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ? **VA** VA PRODUCT

Select VA PRODUCT NAME: hydrocortisone

 1 HYDROCORTISONE 0.1% CREAM,TOP Tier 0

 2 HYDROCORTISONE 0.25% CREAM,TOP

 3 HYDROCORTISONE 0.25% LOTION

 4 HYDROCORTISONE 0.25%/NEOMYCIN SO4 0.5% CREAM,TOP

 5 HYDROCORTISONE 0.5% AEROSOL,TOP

Press <RETURN> to see more, '^' to exit this list, OR

CHOOSE 1-5: 1 HYDROCORTISONE 0.1% CREAM,TOP

VA Product Name: HYDROCORTISONE 0.1% CREAM,TOP

VA Generic Name: HYDROCORTISONE

Dose Form: CREAM,TOP (Exclude from Dosing Cks)

Strength: 0.1 Units: %

National Formulary Name: HYDROCORTISONE CREAM,TOP

VA Print Name: HYDROCORTISONE 0.1% CREAM

 report continues on the next page

**Example 1: NDF Inquiry by VA Product Name (cont.)**

VA Product Identifier: H0161 Transmit to CMOP: Yes VA Dispense Unit: GM

PMIS: None

Active Ingredients: HYDROCORTISONE Strength: 0.1 Units: %

Primary VA Drug Class: DE200

Secondary VA Drug Class:

CS Federal Schedule:

National Formulary Indicator: Yes

Formulary Designator: PA-N

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE.

National Formulary Restriction:

Copay Tier: 1

Copay Effective Date: APR 1, 2016

Exclude Drg-Drg Interaction Ck: Yes (No check for Drug-Drug Interactions)

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? Yes

**Auto-Create Default Possible Dosage** is set to Yes.

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

Auto-Create Default Possible Dosages? Yes

Maximum Days Supply:

Coding System: RxNorm

Code: 898587

Press return to continue or '^' to exit:

NDC: 000749040201 UPN:

VA Product Name: HYDROCORTISONE 0.1% CREAM,TOP

Manufacturer: MILL MARK PHARM Trade Name: HYDROCORTISONE

Route: TOPICAL

Package Size: 20 GM Package Type: TUBE

NDC: 000166069539 UPN:

VA Product Name: HYDROCORTISONE 0.1% CREAM,TOP

Manufacturer: MALLARD Trade Name: HYDROCORTISONE

Route: TOPICAL

Package Size: 454 GM Package Type: JAR

**Example 2: NDF Inquiry by NDC**

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ? **n** NDC

NDC (N) or UPN (U) ? **n** NDC

Enter NDC with or without Dashes (-): **000223145302** 98650

 ...OK? Yes// <**ENTER**> (Yes)

NDC: 000223145302 UPN:

VA Product Name: PLACEBO TAB

Manufacturer: CONSOLIDATED MC Trade Name: PLACEBO

Route: ORAL

Package Size: 1000 Package Type: BOTTLE

VA Product Name: PLACEBO TAB

VA Generic Name: PLACEBO

Dose Form: TAB

Strength: Units:

National Formulary Name: PLACEBO TAB

VA Print Name: PLACEBO CAP/TAB

VA Product Identifier: P0256 Transmit to CMOP: Yes VA Dispense Unit: CAP/TAB

PMIS: None

 report continues on the next page

**Example 2: NDF Inquiry by NDC (cont.)**

Active Ingredients: LACTOSE Strength: 10 Units: %WW

 CELLULOSE Strength: 3 Units: %WW

 STARCH Strength: 87 Units: %WW

Primary VA Drug Class: XX000

Secondary VA Drug Class:

CS Federal Schedule:

Press return to continue or '^' to exit:

National Formulary Indicator: No

**Exclude Drg-Drg Interaction Ck** will only display if it is set to Yes.

National Formulary Restriction:

Copay Tier: 1

Copay Effective Date:

Override DF Exclude from Dosage Checks: Yes (No dosage checks performed)

CLINICAL EFFECT DURATION: NO

**Auto-Create Default Possible Dosage** is set to Noand no Possible Dosages are auto-created.

Auto-Create Default Possible Dosage? No

    Possible Dosages To Auto-Create: No Possible Dosages

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

Press return to continue or '^' to exit:

**Example 3: NDF Inquiry by CMOP ID Number**

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ? c CMOP ID

CMOP ID: c0504 COD LIVER OIL

VA Product Name: COD LIVER OIL

VA Generic Name: COD LIVER OIL

Dose Form: OIL (Exclude from Dosing Cks)

Strength: Units:

National Formulary Name: COD LIVER OIL OIL

VA Print Name: COD LIVER OIL

VA Product Identifier: C0504 Transmit to CMOP: Yes VA Dispense Unit: ML

PMIS: None

Active Ingredients: COD LIVER OIL Strength: Units:

Primary VA Drug Class: VT801

Secondary VA Drug Class:

CS Federal Schedule:

National Formulary Indicator: No

National Formulary Restriction:

Copay Tier: 1

Copay Effective Date: APR 1, 2016

Exclude Drg-Drg Interaction Ck: Yes (No check for Drug-Drug Interactions)

Override DF Exclude from Dosage Checks: Yes (Dosage Checks shall be performed)

CLINICAL EFFECT DURATION: NO

**Example 3: NDF Inquiry by CMOP ID Number (cont.)**

Auto-Create Default Possible Dosage? No

    Possible Dosages To Auto-Create: 1x and 2x Possible Dosages

                            Package: Both Inpatient and Outpatient

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

**Auto-Create Default Possible Dosage** is set to Noand Possible Dosages are auto-created for both Inpatient and Outpatient packages.

Press return to continue or '^' to exit:

NDC: 000395063594 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: WALMEAD Trade Name: COD LIVER OIL

Route: ORAL

Package Size: 120 ML Package Type: BOTTLE

NDC: 000395063794 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: WALMEAD Trade Name: COD LIVER OIL, MINT FLAVORED

Route: ORAL

Package Size: 120 ML Package Type: BOTTLE

NDC: 000003092630 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: BRISTOL-MYERS SQUIBB Trade Name: COD LIVER OIL

Route: ORAL

Package Size: 120 ML Package Type: BOTTLE

NDC: 000395063516 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: WALMEAD Trade Name: COD LIVER OIL

Route: ORAL

Package Size: 473 ML Package Type: BOTTLE

Press return to continue or '^' to exit:

NDC: 000003092630 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: BRISTOL-MYERS SQUIBB Trade Name: COD LIVER OIL

Route: ORAL

Package Size: 120 ML Package Type: BOTTLE

NDC: 000395063516 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: WALMEAD Trade Name: COD LIVER OIL

Route: ORAL

Package Size: 473 ML Package Type: BOTTLE

Press return to continue or '^' to exit:

NDC: 000395063716 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: WALMEAD Trade Name: COD LIVER OIL, MINT FLAVORED

Route: ORAL

Package Size: 473 ML Package Type: BOTTLE

NDC: 000527073427 UPN:

 report continues on the next page

**Example 3: NDF Inquiry by CMOP ID Number (cont.)**

VA Product Name: COD LIVER OIL

Manufacturer: LANNETT Trade Name: COD LIVER OIL

Route: ORAL

Package Size: 473 ML Package Type: BOTTLE

NDC: 000395063528 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: WALMEAD Trade Name: COD LIVER OIL

Route: ORAL

Package Size: 3840 ML Package Type: BOTTLE

NDC: 000527073428 UPN:

VA Product Name: COD LIVER OIL

Manufacturer: LANNETT Trade Name: COD LIVER OIL

Route: ORAL

Package Size: 3840 ML Package Type: BOTTLE

Press return to continue or '^' to exit:

### Fixed Medication Copay Tier Enhancements

PSN\*4.0\*492 contains changes to the *Inquire to National Files* [PSNACT] option to include the display of the new fields.

![Note icon](data:None;base64...)For more information about the new fields, refer to the patch description on Forum for PSN\*4.0\*492.

**Example 1: Fixed Medication Copay Tier Enhancement by VA Product Name**

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ? VA PRODUCT

Select VA PRODUCT NAME: DICLOX

     1   DICLOXACILLIN NA 125MG CAP

     2   DICLOXACILLIN NA 250MG CAP  Tier 2

     3   DICLOXACILLIN NA 500MG CAP

     4   DICLOXACILLIN NA 62.5MG/5ML SUSP

CHOOSE 1-4: 2  DICLOXACILLIN NA 250MG CAP

VA Product Name: DICLOXACILLIN NA 250MG CAP

VA Generic Name: DICLOXACILLIN

Dose Form: CAP,ORAL

Strength: 250 Units: MG

National Formulary Name: DICLOXACILLIN CAP,ORAL

VA Print Name: DICLOXACILLIN NA 250MG CAP

**Example 1: Fixed Medication Copay Tier Enhancement by VA Product**

**Name (cont.)**

VA Product Identifier: D0064 Transmit to CMOP: Yes VA Dispense Unit: CAP

PMIS: DICLOXACILLIN – ORAL

Active Ingredients:    DICLOXACILLIN  Strength: 250 Units: MG

Primary VA Drug Class: AM112

Secondary VA Drug Class:

CS Federal Schedule:

National Formulary Indicator: Yes

Formulary Designator: PA-N

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE. National Formulary Restriction:

Copay Tier: 2

Copay Effective Date: APR 1, 2016

Override DF Exclude from Dosage Checks: No

 report continues on the next page

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? No

    Possible Dosages To Auto-Create: 1x and 2x Possible Dosages

                            Package: Both Inpatient and Outpatient

Press return to continue or '^' to exit:

NDC: 000005313523  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

Manufacturer: LEDERLE LABS  Trade Name: DICLOXACILLIN

Route: ORAL

Package Size: 100  Package Type: BOTTLE

NDC: 000008036002  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

Manufacturer: WYETH-AYERST  Trade Name: PATHOCIL

Route: ORAL

Package Size: 100  Package Type: BOTTLE

NDC: 0000157893F3  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

Manufacturer: BRISTOL-MYERS SQUIBB   Trade Name: DYNAPEN

Route: ORAL

Package Size: 100  Package Type: BOTTLE

NDC: 000015789360  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

Manufacturer: BRISTOL-MYERS SQUIBB   Trade Name: DYNAPEN

Route: ORAL

Package Size: 100  Package Type: BOTTLE

Press return to continue or '^' to exit:

NDC: 000029635130  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

**Example 1: Fixed Medication Copay Tier Enhancement by VA Product Name (cont.)**

Manufacturer: GLAXO SMITHKLINE  Trade Name: DYCILL

Route: ORAL

Package Size: 100  Package Type: BOTTLE

NDC: 000182150601  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

Manufacturer: IVAX  Trade Name: DICLOXACILLIN SODIUM

Route: ORAL

Package Size: 100  Package Type: BOTTLE

NDC: 000228244310  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

Manufacturer: PUREPAC CORP  Trade Name: DICLOXACILLIN SODIUM

Route: ORAL

Package Size: 100  Package Type: BOTTLE

 report continues on the next page

NDC: 000302170001  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

Manufacturer: GENETCO  Trade Name: DICLOXACILLIN SODIUM

Route: ORAL

Package Size: 100  Package Type: BOTTLE

Press return to continue or '^' to exit:

**Example 2: Fixed Medication Copay Tier by (N)DC**

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ? ndc  NDC

NDC (N) or UPN (U) ? n  NDC

Enter NDC with or without Dashes (-): 000093312301  89897

         ...OK? Yes//   (Yes)

NDC: 000093312301  UPN:

VA Product Name: DICLOXACILLIN NA 250MG CAP

Manufacturer: TEVA PHARM  Trade Name: DICLOXACILLIN NA 250MG CAPSULE

Route: ORAL

Package Size: 100  Package Type: BOTTLE

VA Product Name: DICLOXACILLIN NA 250MG CAP

VA Generic Name: DICLOXACILLIN

Dose Form: CAP,ORAL

Strength: 250 Units: MG

National Formulary Name: DICLOXACILLIN CAP,ORAL

VA Print Name: DICLOXACILLIN NA 250MG CAP

VA Product Identifier: D0064 Transmit to CMOP: Yes VA Dispense Unit: CAP

PMIS: DICLOXACILLIN - ORAL

Active Ingredients:    DICLOXACILLIN  Strength: 250 Units: MG

Primary VA Drug Class: AM112

Secondary VA Drug Class:

CS Federal Schedule:

National Formulary Indicator: Yes Formulary Designator: PA-N

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE.

National Formulary Restriction:

**Example 2: Fixed Medication Copay Tier by (N)DC (cont.)**

Copay Tier: 2

Copay Effective Date: APR 1, 2016

Press return to continue or '^' to exit:

**Example 3: Fixed Medication Copay Tier by (C)MOP ID**

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ? c  CMOP ID

CMOP ID: D0064  DICLOXACILLIN NA 250MG CAP

 report continues on the next page

VA Product Name: DICLOXACILLIN NA 250MG CAP

VA Generic Name: DICLOXACILLIN

Dose Form: CAP,ORAL

Strength: 250 Units: MG

National Formulary Name: DICLOXACILLIN CAP,ORAL

VA Print Name: DICLOXACILLIN NA 250MG CAP

VA Product Identifier: D0064 Transmit to CMOP: Yes VA Dispense Unit: CAP

PMIS: DICLOXACILLIN - ORAL

Active Ingredients:    DICLOXACILLIN  Strength: 250 Units: MG

Primary VA Drug Class: AM112

Secondary VA Drug Class:

CS Federal Schedule:

National Formulary Indicator: Yes

Formulary Designator: PA-N

Product Text: THIS PRODUCT REQUIRED APPROVAL AT THE NATIONAL LEVEL PRIOR TO DISPENSING. SEE PBM CRITERIA FOR USE. National Formulary Restriction:

Copay Tier: 2

Copay Effective Date: APR 1, 2016

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECTS DURATION: NO

Auto-Create Default Possible Dosage? No

    Possible Dosages To Auto-Create: 1x and 2x Possible Dosages

                            Package: Both Inpatient and Outpatient

Maximum Days Supply:

Hazardous to Handle: YES

Hazardous to Dispose: YES

 Primary EPA Code: DEA

 Waste Sort Code: UPC3

 DOT Shipping Name: FLAMMABLE

Press return to continue or '^' to exit:

### Clinical Effects of Drugs

PSN\*4\*396 added a fields multiple to the VA PRODUCT file (#50.68) at 50.68108. Fields included are PACKAGE (#.01), OMIT EXP/DC ORDER CHECK (#1) and DURATION LIMIT (#2). The default value of NO will be displayed. These fields will only be populated and displayed if data is present. A future patch will populate the Clinical Effects of Drug field (#108) with other values.

![Note icon](data:None;base64...)For more information about the new fields, refer to the patch description on Forum for PSN\*4.0\*396.

**Example 1: Clinical Effects of Drug by VA Product Name**

VA Product Name: ATROPINE SO4 0.05MG/ML INJ \*\*\*INACTIVE: SEP 28,2007 \*\*\*

VA Generic Name: ATROPINE

Dose Form: INJ,SOLN

Strength: 0.05 Units: MG/ML

National Formulary Name: ATROPINE INJ,SOLN

VA Print Name: ATROPINE SULFATE 0.05MG/ML INJ

VA Product Identifier: A0928 Transmit to CMOP: No VA Dispense Unit: ML

PMIS: None

Active Ingredients: ATROPINE Strength: 0.05 Units: MG/ML

Primary VA Drug Class: AU350

Secondary VA Drug Class:

CS Federal Schedule: 0 Unscheduled

National Formulary Indicator: Yes

Formulary Designator: PA-N

Product Text: This product requires approval at the national level

 prior to dispensing. See PBM Criteria for Use.

National Formulary Restriction:

Copay Tier:

Copay Effective Date:

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

NDC: 000074789701 UPN:

VA Product Name: ATROPINE SO4 0.05MG/ML INJ

Manufacturer: ABBOTT Trade Name: ATROPINE 0.05MG/ML INJ

Route: INTRAVENOUSINTRAMUSCULARSUBCUTANEOUS

Package Size: 10 X 5 ML Package Type: SYRINGE

NDC: 000074789715 UPN:

VA Product Name: ATROPINE SO4 0.05MG/ML INJ

Manufacturer: ABBOTT Trade Name: ATROPINE 0.05MG/ML INJ

Route: INTRAVENOUSINTRAMUSCULARSUBCUTANEOUS

Package Size: 1 Package Type: SYRINGE

This option allows you to lookup NDF file information three ways (VA Product

Name, NDC, or CMOP ID number).

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ?

**Example 2: Clinical Effects of Drug by NDC**

This option allows you to lookup NDF file information three ways (VA Product

Name, NDC, or CMOP ID number).

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ? NDC

NDC (N) or UPN (U) ? NDC

Enter NDC with or without Dashes (-): 000074789701 48 ATROPINE SO4 0.05MG/ML I

NJ 09/28/2007

 ...OK? Yes// (Yes)

NDC: 000074789701 \*\*\*INACTIVE: SEP 28,2007 \*\*\* UPN:

VA Product Name: ATROPINE SO4 0.05MG/ML INJ

Manufacturer: ABBOTT Trade Name: ATROPINE 0.05MG/ML INJ

Route: INTRAVENOUS INTRAMUSCULAR SUBCUTANEOUS

Package Size: 10 X 5 ML Package Type: SYRINGE

VA Product Name: ATROPINE SO4 0.05MG/ML INJ \*\*\*INACTIVE: SEP 28,2007 \*\*\*

VA Generic Name: ATROPINE

Dose Form: INJ,SOLN

Strength: 0.05 Units: MG/ML

National Formulary Name: ATROPINE INJ,SOLN

VA Print Name: ATROPINE SULFATE 0.05MG/ML INJ

VA Product Identifier: A0928 Transmit to CMOP: No VA Dispense Unit: ML

PMIS: None

Active Ingredients: ATROPINE Strength: 0.05 Units: MG/ML

Primary VA Drug Class: AU350

Secondary VA Drug Class:

CS Federal Schedule: 0 Unscheduled

National Formulary Indicator: Yes

 Formulary Designator: PA-N

 Product Text: This product requires approval at the national level

 prior to dispensing. See PBM Criteria for Use.

National Formulary Restriction:

Copay Tier:

Copay Effective Date:

Override DF Exclude from Dosage Checks: No

CLINICAL EFFECT DURATION: NO

Auto-Create Default Possible Dosage? Yes

Maximum Days Supply:

This option allows you to lookup NDF file information three ways (VA Product

Name, NDC, or CMOP ID number).

LOOKUP BY (VA) PRODUCT, (N)DC, OR (C)MOP ID ?

# Printing a Patient Medication Information Sheet

## Print a PMI Sheet

**[PSNPMIS] Synonym: PMIS**

This option allows you to print a Patient Medication Information Sheet (PMI).

These medication information sheets can be provided to patients, explaining

how and why to take a medication and the possible side effects. A commercial vendor supplies the information provided in the Patient Medication Information Sheets. This information is updated periodically to provide new medication information sheets and changes to existing sheets.

If the PMI Sheet does not print and the message “Drug is not linked to a valid Medication Information Sheet for language selected” is printed instead, the user should select another language and re-print the medication sheet. If this still does not work, then the user should contact the NDF Manager for further assistance.

**Example: Print a PMI Sheet**

Select National Drug File Menu Option: **PMIS** Print a PMI Sheet

Select DRUG GENERIC NAME: **ACET <RET>**

 1 ACETAMINOPHEN 160MG/5ML (TYLENOL) ELIX CN103 DISP/ML (120ML/BT)

 2 ACETAMINOPHEN 160MG/5ML SUGAR-ALC-FREE CN103 N/F FOR SPECIAL USE IN SELECT DIABETIC PATIENTS

 3 ACETAMINOPHEN 160MG/5ML UNIT DOSE CUP CN103 (TK) INPATIENT USE ONLY. AVAILABLE 10ML/CUP

 4 ACETAMINOPHEN 325MG (NONRENEWABLE) 12'S CN103 CHOOSE ONLY TO REFLECT ACUTE CARE DISPENSING

 5 ACETAMINOPHEN 325MG (TYLENOL) TAB CN103 CMOP DISP/MULT 100'S

Press <RETURN> to see more, '^' to exit this list, OR

CHOOSE 1-5: **5** ACETAMINOPHEN 325MG (TYLENOL) TAB CN103 CMOP DISP/MULT 100'S

Select DRUG GENERIC NAME: **<RET>**

 Select one of the following:

 1 English

 2 Spanish

Select Language : **1** English

How many copies? : (1-100): 1// **<RET>**

DEVICE: *[Select Print Device]*

 example continues on the next page

**Example: Print a PMI sheet (cont.)**

Medication instructions for ACETAMINOPHEN 325MG (TYLENOL) TAB Page 1

 **IMPORTANT NOTE**: The following information is intended to supplement,

not substitute for, the expertise and judgment of your physician, pharmacist or

other healthcare professional. It should not be construed to indicate that use

of the drug is safe, appropriate, or effective for you. Consult your healthcare

professional before using this drug.

**ACETAMINOPHEN - ORAL** (uh-seet-uh-MEE-no-fen)

**COMMON BRAND NAME(S)**: APAP, Liquiprin, Panadol, Tylenol

 **USES**: This drug is used to relieve mild to moderate pain and to reduce

fever.

 **HOW TO USE**: Take this medication as directed. Do not take more than

recommended. Do not use for more than 10 days without consulting your doctor.

This medication is not to be given to children under 3 years of age without

your doctor's approval.

 **SIDE EFFECTS**: When taken as directed, most people experience little or

no side effects with this medication. Tell your doctor immediately if any of

these highly unlikely but very serious side effects occur: easy bruising or

bleeding, persistent sore throat or other signs of infection. In the

unlikely event you have an allergic reaction to this drug, seek medical

attention immediately. Symptoms of an allergic reaction include: rash, itching,

swelling, dizziness, trouble breathing. If you notice other effects not

listed above, contact your doctor or pharmacist.

 **PRECAUTIONS**: If you have any of the following health problems, consult

your doctor before using this medication: severe liver disease, alcohol

dependency, any allergies. Acetaminophen may cause liver damage. Daily use

of alcohol, especially when combined with acetaminophen, may increase your risk

for liver damage. Check with your doctor or pharmacist for more information.

Acetaminophen is often used instead of aspirin. They are equally effective in

relieving pain; however, acetaminophen does not reduce swelling and

inflammation like aspirin does. There are many brands and forms of

acetaminophen on the market. Read the dosing instructions carefully as the

amount of acetaminophen may vary among products. Acetaminophen appears to be

safe for use during pregnancy. Use only if clearly needed. Acetaminophen is

found in breast milk, but side effects in nursing infants have not been

reported. Consult your doctor if you are breast-feeding.

 **DRUG INTERACTIONS**: Tell your doctor of all nonprescription and

prescription drugs you use especially: isoniazid, phenobarbital, phenytoin,

zidovudine, sulfinpyrazone. Check the labels on all your medicines because

they may also contain acetaminophen. Ask your pharmacist about the safe use of

those products. Do not start or stop any medicine without doctor or

pharmacist approval.

 **OVERDOSE**: If overdose is suspected, contact your local poison control

center or emergency room immediately. Symptoms of overdose may include

vomiting, excessive sweating, dark urine, stomach pain, and extreme fatigue.

 example continues on the next page

**Example: Print a PMI sheet (cont.)**

 **NOTES**: Acetaminophen does not cause the stomach and intestinal ulcers

that aspirin and aspirin-like NSAIDs (e.g., ibuprofen, ketoprofen) may cause.

 **MISSED DOSE**: If you miss a dose, take as soon as remembered; do not

take if it is almost time for the next dose, instead, skip the missed dose and

resume your usual dosing schedule. Do not "double-up" the dose to catch up.

 **STORAGE**: Store at room temperature between 59 and 86 degrees F

(between 15 and 30 degrees C) away from moisture and sunlight. Do not store in

the bathroom. Do not freeze liquid forms.

Select DRUG GENERIC NAME: **<RET>**

Select National Drug File Menu Option: **<RET>**

# Displaying an FDA Medication Guide

## Display FDA Medication Guide

**[PSN MED GUIDE] Synonym: FDA**

This option allows you to display a Food and Drug Administration (FDA) Medication Guide.

Medication guides are paper handouts that come with many prescription medicines. These guides address issues that are specific to particular drugs and drug classes, and they contain FDA approved information that can help patients avoid serious adverse events. The FDA requires that medication guides be issued with certain prescribed drugs and biological products when the agency determines that: certain information is necessary to prevent serious adverse effect; patient decision-making should be informed by information about a known serious side effect with a product; or patient adherence to directions for the use of a product are essential to its effectiveness.

The system allows the user to select the appropriate document through the generic drug name. If there is no associated medication guide, the system shall inform the user and allow the user to select another drug.

If there is no medication guide associated with the medication, the message: “There is no FDA Medication Guide associated with this medication” is displayed.

**Example 1:** When a VA Product does not have a Medication Guide Associated:

Select OPTION NAME: PSNMGR National Drug File Menu

 WELCOME TO THE NATIONAL DRUG FILE

 VERSION 4.0

 REMA Rematch / Match Single Drugs

 VER Verify Matches

 SVER Verify Single Match

 MERG Merge National Drug File Data Into Local File

 AUTO Automatic Match of Unmatched Drugs

 CLAS Allow Unmatched Drugs To Be Classed

 RPRT National Drug File Reports Menu ...

 INQ Inquiry Options ...

 PMIS Print a PMI Sheet

 FDA Display FDA Medication Guide

 PPS PPS-N Menu ...

Select National Drug File Menu Option: FDA Display FDA Medication Guide

Select VA PRODUCT NAME: METOPROLOL

 1 METOPROLOL SUCCINATE 100MG 24HR CAP,SPRINKLE,SA

 2 METOPROLOL SUCCINATE 100MG TAB,SA

 3 METOPROLOL SUCCINATE 200MG 24HR CAP,SPRINKLE,SA

 4 METOPROLOL SUCCINATE 200MG TAB,SA

 5 METOPROLOL SUCCINATE 25MG 24HR CAP,SPRINKLE,SA

Press <Enter> to see more, '^' to exit this list, OR

CHOOSE 1-5: 2 METOPROLOL SUCCINATE 100MG TAB,SA

There is no FDA Medication Guide associated with this medication.

Enter RETURN to continue or '^' to exit:

If a Medication Guide exists, a URL link will display for the user to copy/paste into a browser to retrieve it.

**Example 2:** When a VA Product has a Medication Guide Associated:

Select OPTION NAME: PSNMGR National Drug File Menu

 WELCOME TO THE NATIONAL DRUG FILE

 VERSION 4.0

 REMA Rematch / Match Single Drugs

 VER Verify Matches

 SVER Verify Single Match

 MERG Merge National Drug File Data Into Local File

 AUTO Automatic Match of Unmatched Drugs

 CLAS Allow Unmatched Drugs To Be Classed

 RPRT National Drug File Reports Menu ...

 INQ Inquiry Options ...

 PMIS Print a PMI Sheet

 FDA Display FDA Medication Guide

 PPS PPS-N Menu ...

Select National Drug File Menu Option: FDA Display FDA Medication Guide

Select VA PRODUCT NAME: IBUPROFEN

 1 IBUPROFEN 10% CREAM,KIT JAN 22, 2016

 2 IBUPROFEN 100MG TAB

 3 IBUPROFEN 100MG TAB,CHEW

 4 IBUPROFEN 100MG/5ML SUSP,BTL,5ML

 5 IBUPROFEN 100MG/5ML SUSP,ORAL

Press <Enter> to see more, '^' to exit this list, OR

CHOOSE 1-5: 2 IBUPROFEN 100MG TAB

The following URL provides the link to the FDA Medication Guide associated

with this medication. Copy/paste the URL below into a browser to access

the FDA Medication Guide for this drug:

file://REDACTED/PBM/Workgroup/VistA\_MedGuides/NSAIDs\_(Class)\_(2022).pdf

Enter RETURN to continue or '^' to exit:

# PPS-N Menu

This sub-menu contains all PPS-N options in the National Drug File package.

 SD Schedule download of NDF update file

 SI Schedule Install of NDF Update file

 MD Manual Download of NDF Update file

 MI Manual Install of NDF Update file

 RJ Reject/Complete of NDF Update file

 SP PPS-N Site Parameters (Enter/Edit)

 VC Vista Comparison Report

 DIS Download/Install Status Report

 SSH Manage Secure Shell (SSH) Keys

### Schedule download of NDF update file

**[PSN PPS SCHEDULE DOWNLOAD] Synonym: SD**

This option allows you to schedule the download for the Pharmacy Product System – National (PPS-N) NDF Update files. The scheduled background job can be created to run weekly or daily at a specific time.

![Note icon](data:None;base64...)Before scheduling a download, the PPS-N Site Parameters and the Secure Shell (SSH) keys must be defined.

There can only be one scheduled job to download the PPS-N Update files. When you select this option and change the schedule, the old job will be deleted and a new one will be created. The scheduled job name is PSN TASK SCHEDULED DOWNLOAD.

If a job is scheduled, it will be displayed under “Scheduled downloads are:” section (Example 2 below). If there is not a scheduled job, nothing will display (Example 1).

The process of downloading an update file does not impact users currently using VistA and can be done at any time.

 **Example 1: Scheduling a weekly download**

Select PPS-N Menu <FLD DDEV> Option: SD Schedule download of NDF update file

This option allows you to schedule a recurring TaskMan job to

perform the NDF update file download from PPS-N.

Warning! This download should be scheduled during non-peak hours.

You will need to select a date/time and how often this download should reoccur.

Do you want to schedule an automatic NDF download in TaskMan? NO// YES

Enter date/time: ?

 Examples of Valid Dates:

 JAN 20 1957 or 20 JAN 57 or 1/20/57 or 012057

 T (for TODAY), T+1 (for TOMORROW), T+2, T+7, etc.

 T-1 (for YESTERDAY), T-3W (for 3 WEEKS AGO), etc.

 If the year is omitted, the computer assumes a date in the FUTURE.

 If only the time is entered, the current date is assumed.

 Follow the date with a time, such as JAN 20@10, T@10AM, 10:30, etc.

 You may enter a time, such as NOON, MIDNIGHT or NOW.

 You may enter NOW+3' (for current date and time Plus 3 minutes

 \*Note--the Apostrophe following the number of minutes)

 Enter a date which is greater than or equal to NOV 15, 2017@08:52:02.

Enter date/time: T@10A (NOV 15, 2017@10:00)

Should this download be re-scheduled at the same time weekly? NO// ??

Please enter Y or N.

Should this download be re-scheduled at the same time weekly? NO// YES

Your start time is: (NOV 15, 2017@10:05)

The download will automatically be re-scheduled Weekly

 Press ENTER to Continue:

**Example 2: Scheduling a daily download**

Select PPS-N Menu <FLD DDEV> Option: SD Schedule download of NDF update file

This option allows you to schedule a recurring TaskMan job to

perform the NDF update file download from PPS-N.

Warning! This download should be scheduled during non-peak hours.

You will need to select a date/time and how often this download should reoccur.

Scheduled Downloads are:

-----------------------

6264759 NOV 15, 2017@10:05 7D

Do you want to schedule an automatic NDF download in TaskMan? NO// YES

Enter date/time: T@10P (NOV 15, 2017@22:00)

Should this download be re-scheduled at the same time weekly? NO// NO

Should this download be re-scheduled at the same time daily? NO// YES

Your start time is:  (NOV 15, 2017@22:06)

The download will automatically be re-scheduled Daily

Press ENTER to Continue:

**Example 3: Scheduling a one-time download**

Select PPS-N Menu <FLD DDEV> Option: SD Schedule download of NDF update file

This option allows you to schedule a recurring TaskMan job to

perform the NDF update file download from PPS-N.

Warning! This download should be scheduled during non-peak hours.

You will need to select a date/time and how often this download should reoccur.

Scheduled Downloads are:

-----------------------

6264759 NOV 15, 2017@10:05 7D

Do you want to schedule an automatic NDF download in TaskMan? NO// YES

Enter date/time: T@10P (NOV 15, 2017@22:00)

Should this download be re-scheduled at the same time weekly? NO// NO

Should this download be re-scheduled at the same time daily? NO//

Warning! The download you have scheduled will occur only once.

Your start time is: (NOV 15, 2017@22:05)

The download will NOT automatically be re-scheduled

 Press ENTER to Continue:

**Note:**

Time and Frequency of this Task can be viewed by going back into the same option and not making any changes. It can also be viewed under kernel option:

Schedule/Unschedule Options [ XUTM SCHEDULE] and selecting option “PSN TASK SCHEDULED DOWNLOAD”

### Schedule Install of NDF Update file

**[PSN PPS SCHEDULE INSTALL] Synonym: SI**

This option allows you to schedule install for the Pharmacy Product System – National (PPS-N) NDF Update files. The scheduled background job can be created to run weekly or daily at a specific time.

![Note icon](data:None;base64...)Before scheduling an install, the PPS-N Site Parameters and the Secure Shell (SSH) keys must be defined. In addition, the scheduled install will need to be scheduled an hour after the scheduled download. This gives time for the download to finish.

There can only be one scheduled job to install the PPS-N Update files. When you select this option and change the schedule, the old job will be deleted and a new one will be created. The scheduled job name is PSN TASK SCHEDULED INSTALL.

If a job is scheduled, it will be displayed under the “Scheduled installs are:” section (Example 2 below). If there is not a scheduled job, nothing will display (Example 1).

Scheduling an install will impact users currently using the Pharmacy VistA applications and will need to be schedule during off peak hours.

**Example 1: Scheduling a weekly install**

Select PPS-N Menu <FLD DDEV> Option: SI Schedule Install of NDF Update file

This option allows you to schedule a recurring TaskMan job to perform the NDF

update installation from PPS-N.

Warning! This NDF update install should be scheduled during non-peak hours.

You will need to select a date/time and how often this update should reoccur.

Do you want to schedule an automatic NDF update install in TaskMan? NO// ??

Please enter Y or N.

Do you want to schedule an automatic NDF update install in TaskMan? NO// YES

Enter date/time: T+1@1a (NOV 16, 2017@01:00)

Should this NDF update install be re-scheduled at the same time weekly? NO// y

YES

Your start time is: (NOV 16, 2017@01:05)

The NDF update install will automatically be re-scheduled Weekly

 Press ENTER to Continue:

**Example 2: Scheduling a daily install**

Select PPS-N Menu <FLD DDEV> Option: si Schedule Install of NDF Update file

This option allows you to schedule a recurring TaskMan job to perform the NDF

update installation from PPS-N.

Warning! This NDF update install should be scheduled during non-peak hours.

You will need to select a date/time and how often this update should reoccur.

Scheduled Installs are:

-----------------------

6265150 NOV 16, 2017@01:05 7D

Do you want to schedule an automatic NDF update install in TaskMan? NO// YES

Enter date/time: T+1@2A (NOV 16, 2017@02:00)

Should this NDF update install be re-scheduled at the same time weekly? NO// NO

Should this NDF update install be re-scheduled at the same time daily? NO// YES

Your start time is: (NOV 16, 2017@02:05)

The NDF update install will automatically be re-scheduled Daily

 Press ENTER to Continue:

**Example 3: Scheduling a one-time install**

Select PPS-N Menu <FLD DDEV> Option: SI Schedule Install of NDF Update file

This option allows you to schedule a recurring TaskMan job to perform the NDF

update installation from PPS-N.

Warning! This NDF update install should be scheduled during non-peak hours.

You will need to select a date/time and how often this update should reoccur.

Scheduled Installs are:

-----------------------

6265154 NOV 16, 2017@02:05 1D

Do you want to schedule an automatic NDF update install in TaskMan? NO// YES

Enter date/time: T+1@3A (NOV 16, 2017@03:00)

Should this NDF update install be re-scheduled at the same time weekly? NO//

Should this NDF update install be re-scheduled at the same time daily? NO//

Warning! The NDF update install you have scheduled will occur only once.

Your start time is: (NOV 16, 2017@03:05)

The NDF update install will NOT automatically be re-scheduled

 Press ENTER to Continue:

**Note:**

Time and Frequency of this Task can be viewed by going back into the same option and not making any changes. It can also be viewed under kernel option:

Schedule/Unschedule Options [ XUTM SCHEDULE] sand selecting option “PSN TASK SCHEDULED INSTALL”

### Manual Download of NDF Update file

**[PSN PPS MANUAL DOWNLOAD] Synonym: MD**

This option will start the download of any new NDF update files from PPS-N.

**Example 1: Download non-existing NDF data file PPS\_30PRV\_31NEW.DAT’**

Select PPS-N Menu <FLD DDEV> Option: MD Manual Download of NDF Update file

Warning: This download should only be done during off peak hours!

Are you sure you want to immediately start an NDF update download? NO// YES

Please stand-by NDF update download may take up to 30 minutes...

Beginning download for Update file name: PPS\_30PRV\_31NEW.DAT

Server ping successful 3-LINUX rc=1

 This U.S. Government system is intended for official and authorized

 use only by authorized users with no reasonable expectation of privacy.

 The system may include records protected by various Federal statutes

 including the Privacy Act (5 U.S.C. ' 552a) and 38 U.S.C. '' 5701 and

 7332. Access to data is on a need-to-know basis only. All use of this

 system constitutes user understanding of unconditional consent to review

 and action including (but not limited to) monitoring, recording, copying,

 auditing, inspecting, investigating, restricting access, blocking, tracking,

 disclosing to authorized personnel, or any other authorized actions by all

 authorized VA and law enforcement personnel. Unauthorized access to or

 misuse of this system is strictly prohibited may result in criminal, civil,

 or administrative penalties.

**Couldn't stat remote file: No such file or directory**

**File "/u02/pps-n/dev/app82/approved/PPS\_30PRV\_31NEW.DAT" not found.**

**Example 2: Download existing NDF data file ‘PPS\_30PRV\_31NEW.DAT’**

Select PPS-N Menu Option: **MD** Manual Download of NDF Update file

Warning: This download should only be done during off peak hours!

Are you sure you want to immediately start an NDF update download? NO// YES

Please stand-by NDF update download may take up to 30 minutes...

Beginning download for Update file name: PPS\_30PRV\_31NEW.DAT

Server ping successful 3-LINUX rc=1

 This U.S. Government system is intended for official and authorized

 use only by authorized users with no reasonable expectation of privacy.

 The system may include records protected by various Federal statutes

 including the Privacy Act (5 U.S.C. ' 552a) and 38 U.S.C. '' 5701 and

 7332. Access to data is on a need-to-know basis only. All use of this

 system constitutes user understanding of unconditional consent to review

 and action including (but not limited to) monitoring, recording, copying,

 auditing, inspecting, investigating, restricting access, blocking, tracking,

 disclosing to authorized personnel, or any other authorized actions by all

 authorized VA and law enforcement personnel. Unauthorized access to or

 misuse of this system is strictly prohibited may result in criminal, civil,

 or administrative penalties.

file transfer successful 3-LINUX rc=1

**Completed download for: PPS\_30PRV\_31NEW.DAT**

Continuing with the next file sequence. Attempting download

 for: PPS\_32PRV\_33NEW.DAT

Server ping successful 3-LINUX rc=1

 This U.S. Government system is intended for official and authorized

 use only by authorized users with no reasonable expectation of privacy.

 The system may include records protected by various Federal statutes

 including the Privacy Act (5 U.S.C. ' 552a) and 38 U.S.C. '' 5701 and

 7332. Access to data is on a need-to-know basis only. All use of this

 system constitutes user understanding of unconditional consent to review

 and action including (but not limited to) monitoring, recording, copying,

 auditing, inspecting, investigating, restricting access, blocking, tracking,

 disclosing to authorized personnel, or any other authorized actions by all

 authorized VA and law enforcement personnel. Unauthorized access to or

 misuse of this system is strictly prohibited may result in criminal, civil,

 or administrative penalties.

Couldn't stat remote file: No such file or directory

File "/u02/pps-n/dev/app82/approved/PPS\_32PRV\_33NEW.DAT" not found.

### Manual Install of NDF Update file

**[PSN PPS MANUAL INSTALL] Synonym: MI**

Using this option, you can immediately begin the process that checks for any PPS-N update files that are available and, if valid, update your VistA NDF files. Normally, this process should be executed during off-peak hours to ensure that users are not using the Pharmacy VistA applications.

**Example 1: No data files to be installed**

Select PPS-N Menu <FLD DDEV> Option: MI Manual Install of NDF Update file

Warning: The NDF update should only be done during off duty hours!

 Installation may take up to 30 minutes, and the following options

 will automatically be disabled during installation then enabled

 once installation has completed.

 \* Print A PMI Sheet \* Patient Prescription Processing

 \* Release Medication \* Reprint an Outpatient Rx Label

Are you sure you want to immediately begin an NDF Update? NO// YES

The following PPS-N/NDF Update file(s) are available for install:

 There are no files to install.

Enter to continue...

**Example 2: Installation of all data files**

Select PPS-N Menu <FLD DDEV> Option: MI Manual Install of NDF Update file

Warning: The NDF update should only be done during off duty hours!

 Installation may take up to 30 minutes, and the following options

 will automatically be disabled during installation then enabled

 once installation has completed.

 \* Print A PMI Sheet \* Patient Prescription Processing

 \* Release Medication \* Reprint an Outpatient Rx Label

Are you sure you want to immediately begin an NDF Update? NO// YES

The following PPS-N/NDF Update file(s) are available for install:

 1) PPS\_30PRV\_31NEW.DAT

 2) PPS\_31PRV\_32NEW.DAT

The files must be installed in sequential order and take around

30 minutes each to install. Pharmacy will be down for that period

of time. Do you want to install just the first one or all of them?

(F)irst file only or (A)ll files: A

Please stand-by NDF update processing can take around 30 minutes...

WARNING: File has already been installed.

Do you want to proceed with the installation? YES//

Beginning install for PPS\_30PRV\_31NEW.DAT

 Background monitoring started: (NOV 16, 2017@09:09:20)

Importing the Update file into VistA...

Parsing the data...

Disabling mandatory options... NOV 16,2017@08:05:03

Disabling user defined Scheduled Options...

Disabling user defined Menu Options...

Disabling user defined Protocols...

Storing PMI data...

Storing data into the rest of the NDF files...

Sending mail messages...

Beginning un-match/re-match to local drug file...

Generating mail messages for unmatched/re-matched drugs...

Validating cross references...

Enabling options...NOV 16,2017@08:05:17

Enabling user defined Scheduled Options...

Enabling user defined Menu Options...

Enabling user defined Protocols...

Options and protocols enabled: NOV 16,2017@08:05:17

Processing Interactions...

Processing allergies...

Sending install completion message to PPS-N...

Installation completed.

**Beginning install for PPS\_31PRV\_32NEW.DAT**

 Background monitoring started: (NOV 16, 2017@09:10:32)

Importing the Update file into VistA...

Parsing the data...

Disabling mandatory options... NOV 16,2017@08:06:15

Disabling user defined Scheduled Options...

Disabling user defined Menu Options...

Disabling user defined Protocols...

Storing PMI data...

Storing data into the rest of the NDF files...

Sending mail messages...

Beginning un-match/re-match to local drug file...

Generating mail messages for unmatched/re-matched drugs...

Validating cross references...

Enabling options...NOV 16,2017@08:06:29

Enabling user defined Scheduled Options...

Enabling user defined Menu Options...

Enabling user defined Protocols...

Options and protocols enabled: NOV 16,2017@08:06:29

Processing Interactions...

Processing allergies...

Sending install completion message to PPS-N...

Installation completed.

**Example 3: Installation of first data files**

Select PPS-N Menu <FLD DDEV> Option: MI Manual Install of NDF Update file

Warning: The NDF update should only be done during off duty hours!

 Installation may take up to 30 minutes, and the following options

 will automatically be disabled during installation then enabled

 once installation has completed.

 \* Print A PMI Sheet \* Patient Prescription Processing

 \* Release Medication \* Reprint an Outpatient Rx Label

Are you sure you want to immediately begin an NDF Update? NO// YES

The following PPS-N/NDF Update file(s) are available for install:

 1) PPS\_30PRV\_31NEW.DAT

 2) PPS\_31PRV\_32NEW.DAT

The files must be installed in sequential order and take around

30 minutes each to install. Pharmacy will be down for that period

of time. Do you want to install just the first one or all of them?

(F)irst file only or (A)ll files: F

Please stand-by NDF update processing can take around 30 minutes...

WARNING: File has already been installed.

Do you want to proceed with the installation? YES//

Beginning install for PPS\_30PRV\_31NEW.DAT

 Background monitoring started: (NOV 16, 2017@09:09:20)

Importing the Update file into VistA...

Parsing the data...

Disabling mandatory options... NOV 16,2017@08:05:03

Disabling user defined Scheduled Options...

Disabling user defined Menu Options...

Disabling user defined Protocols...

Storing PMI data...

Storing data into the rest of the NDF files...

Sending mail messages...

Beginning un-match/re-match to local drug file...

Generating mail messages for unmatched/re-matched drugs...

Validating cross references...

Enabling options...NOV 16,2017@08:05:17

Enabling user defined Scheduled Options...

Enabling user defined Menu Options...

Enabling user defined Protocols...

Options and protocols enabled: NOV 16,2017@08:05:17

Processing Interactions...

Processing allergies...

Sending install completion message to PPS-N...

Installation completed.

**Example 4: Installation, when there is one data file**

Select PPS-N Menu <FLD DDEV> Option: MI Manual Install of NDF Update file

Warning: The NDF update should only be done during off duty hours!

 Installation may take up to 30 minutes, and the following options

 will automatically be disabled during installation then enabled

 once installation has completed.

 \* Print A PMI Sheet \* Patient Prescription Processing

 \* Release Medication \* Reprint an Outpatient Rx Label

Are you sure you want to immediately begin an NDF Update? NO// YES

The following PPS-N/NDF Update file(s) are available for install:

 1) PPS\_32PRV\_33NEW.DAT

Please stand-by NDF update processing can take around 30 minutes...

WARNING: File has already been installed.

Do you want to proceed with the installation? YES//

Beginning install for PPS\_32PRV\_33NEW.DAT

 Background monitoring started: (NOV 16, 2017@09:02:08)

Importing the Update file into VistA...

Parsing the data...

Disabling mandatory options... NOV 16,2017@07:57:51

Disabling user defined Scheduled Options...

Disabling user defined Menu Options...

Disabling user defined Protocols...

Storing PMI data...

Storing data into the rest of the NDF files...

Sending mail messages...

Beginning un-match/re-match to local drug file...

Generating mail messages for unmatched/re-matched drugs...

Validating cross references...

Enabling options...NOV 16,2017@07:58:14

Enabling user defined Scheduled Options...

Enabling user defined Menu Options...

Enabling user defined Protocols...

Options and protocols enabled: NOV 16,2017@07:58:14

Processing Interactions...

Processing allergies...

Sending install completion message to PPS-N...

Installation completed.

**TaskMan scheduled install verify of data file**

**[PSN PPS INSTALL VERIFY]**

This option runs automatically by the NDF data file install process and is used to verify and monitor installation. If installation is not completed within an hour, it will send the following error message to the holders of the PSNMGR security key, as well as to the primary and secondary PPS-N Mail Group fields defined under the PPS-N Site Parameters (Enter/Edit) [PSN PPS PARAM] option.

**Example:**



### Reject/Complete of NDF Update file

**[PSN PPS REJECT FILE] Synonym: RJ**

This option is used by SQA to identify installation problems in the National VistA account before the file is released nationally. Local VistA users will only have access to send completion messages for the compliance report in PPS-N.

If the site is set (field 10 in the PPS-N Site Parameters (Enter/Edit) option) as PRODUCTION, PRODUCT SUPPORT, and TEST ACCOUNT then this option can only be used to send COMPLETE messages to the PPS-N server, or in the event that PPS-N did not get a complete message during installation.

**Example 1: Send complete message to PPS-N server.**

Select PPS-N Menu <TEST ACCOUNT> Option: RJ Reject/Complete of NDF Update file

Enter the PPS-N data file name to be Updated: PPS\_57PRV\_58NEW.DAT

Complete message was sent to PPS-N. File should be approved/rejected

in PPS-N side.

Press Return to Continue:

### PPS-N Site Parameters (Enter/Edit)

**[PSN PPS PARAM] Synonym: SP**

This option is used to create or update site parameters for the Pharmacy Product System - National (PPS-N).

The option is intended to be used by the Pharmacy ADPAC to correctly enter the PPS-N Site parameters used for the communication with the PPS-N server for downloading and installing National Drug file data.

 The *PPS-N Site Parameters (Enter/Edit)* [PSN PPS PARAM] option requires the ‘PSN PPS ADMIN’ Security Key for editing the parameters.

Select PPS-N Menu <FLD DDEV> Option: SP PPS-N Site Parameters (Enter/Edit)

Pharmacy Product System-National(PPS-N) Site Parameters

-------------------------------------------------------------------------------

 1. PPS-N Install Version : 29

 2. PPS-N Download Version : 29

 3. \*Open VMS Local Directory : USER$:[ABC]

 4. \*Unix/Linux Local Directory : /xxx/xxxxxx/xxx/xxxx/xxxx/xxx/PPSN/

 5. \*Remote Server Address : xxxxxxxxxxxxxxxx.aac.va.gov

 6. \*Remote Server Directory : /xxxxx/xxxxxxx/xxxxxxxxx/xxxxx/approved

 7. \*Remote SFTP Username : xxxxxxxx

 8. Primary PPS-N Mail Group : local\_outlook\_mail\_GROUP@va.gov

 9. Secondary PPS-N Mail group : FIRST.LAST@VA.GOV

10. \*PPS-N Account Type : P - Production

11. \*Legacy Update Processing : NO

12. \*Download Status : NOT IN PROGRESS

13. \*Install Status : NOT IN PROGRESS

14. Disable Menus, Options, etc :

-------------------------------------------------------------------------------

Select field number to Edit:

 An '\*' (asterisk) before the field name indicates that PSN PPS COORD security key is required for editing these fields/parameters.

Field description of the *PPS-N Site Parameters (Enter/Edit) screen:*

**Install Version Number:**

This field contains the current version number of the last successful Pharmacy Product System - National (PPS-N) Update file that was last installed. For example if the last PPS-N Update file installed was PPS\_25PRV\_26NEW.DAT, this field would contain 26. When sites are brought on line with PPS-N, this parameter should equate to the last update file created by PPS-N at the time of configuration.

**Download Version Number:**

This field contains the version number for the last Pharmacy Product System - National (PPS-N) Update file downloaded. For example if the last PPS-N Update file downloaded was PPS\_25PRV\_26NEW.DAT, this field would contain 26. When sites are brought on line with PPS-N, this parameter should equate to the last update file created by PPS-N at the time of configuration.

**OpenVMS Local Directory:**

This field should only be defined for sites that run on OpenVMS operating system. The example display above shows both OpenVMS and Linux. This field contains the full path directory structure of where the PPS-N update file will be located (e.g., USER$:[SFTP.PPSN]).

**Unix/Linux Local Directory:**

This field should only be defined for sites that run on a Linux operating system. The example display above shows both OpenVMS and Linux. This field contains the name of the local Unix/Linux secure directory where the Pharmacy Product System - National (PPS-N) Update file will be stored on the local system after download from the PPS-N server (e.g. /user/sftp/PPSN/). The option may prompt you for the following after enter the data and press <Enter> through it:

The directory above could not be found.

Would you like to create it now? N//

Answer **YES.**

**Remote Server Address:**

This is the secure FTP IP address of the Pharmacy Product System-National (PPS-N) server where the PPS-N NDF Update file will be retrieved.

**Remote Server Directory:**

This is the directory name at the Pharmacy Product System-National (PPS-N) server where the PPS-N NDF Update file will be retrieved.

**Remote SFTP User ID:**

This field contains the secure FTP username at the Pharmacy Product System – National (PPS-N) server where the PPS-N NDF Update file will be retrieved.

**Primary PPS-N Mail Group:**

Sites can set up an Outlook mail group consisting of individuals who need to receive notifications generated during PPS-N Update file processing. Holders of the PSNMGR key will continue to receive email notifications, but the Outlook mail group gives flexibility. The Outlook mail group will need to be defined in the *PPS-N Site Parameters (Enter/Edit)* [PSN PPS PARAM] option.

This field is used to store the MS Outlook email group or individual Outlook email address that will receive a copy of the PPS-N update messages. These messages include download and install information, Data Update for NDF report message, Updated Interactions and FDA Med Guide, Drugs Unmatched from National Drug file, Local Drugs Re-matched to NDF, and error messages. The Interactions and Allergies Updated email report will not be sent to Outlook email as it contains patient information. All users that hold the PSNMGR security key will continue to receive the report emails via MailMan.

**Secondary PPS-N Mail group:**

This field is used to store the secondary MS Outlook email group that will receive a copy of the PPS-N update messages. These messages include download and install information, Data Update for NDF report message, Updated Interactions and FDA Med Guide, Drugs Unmatched from National Drug file, Local Drugs Re-matched to NDF, and error messages. The Interactions and Allergies Updated email report will not be sent to Outlook email as it contains patient information. All users that hold the PSNMGR security key will continue to receive the report emails via MailMan.

**PPS-N Account Type:**

This field defines the type of Pharmacy Product System - National (PPS-N) account. The account type can be one of the following: "Q" for National Test SQA system, "T" for Test/Mirror Account, "S" for Product Support, "N" for QA NDFMS account, or "P" for Production account. Local VA sites will use "P" for their production accounts and "T" for their test/mirror accounts.

**Legacy Update:**

This field denotes YES or NO if the National Drug File will be updated by the legacy FORUM patch release process or the PPS-N 3.0 Update process. When NO is entered, sites will not be allowed to install patches from legacy FORUM patch process. Only PPS-N update files will be allowed.

**Download Status:**

This field is used to track the status of a PPS-N/NDF Update file download from the PPS-N sftp server.

**Install Status:**

This field is used to track the status of a PPS-N/NDF Update file install into the National Drug file package.

**DISABLE Scheduled Options, Menu Options and Protocols:**

Under this field, the site will select scheduled options, menu options, and protocols that needs be marked out of order during the data file installation process.

### Vista Comparison Report

**[PSN PPS VISTA COMPARISON RPT] Synonym: VC**

This option allows the user to view or print a report of the NDF changes for a date range. This report is meant for National SQA use but if a site wants to utilize this report they will need to turn auditing on for the NDF files. This was not done programmatically to leave the decision up to the site if they want to turn auditing on for all fields, but doing so would increase disk space usage. The following example shows how to turn auditing on for fields within a file. For multiple fields, you must list each out to see if the fields are audited. Note that word processing fields cannot be audited. The files utilized for NDF are:

 50.416 DRUG INGREDIENTS

 50.6 VA GENERIC

 50.605 VA DRUG CLASS

 50.606 DOSAGE FORM

 50.607 DRUG UNITS

 50.608 PACKAGE TYPE

 50.609 PACKAGE SIZE

 50.64 VA DISPENSE UNIT

 50.67 NDC/UPN

 50.68 VA PRODUCT

 55.95 DRUG MANUFACTURER

 56 DRUG INTERACTION

Auditing might be turned on for some of the files, however, for full utilization of the new option you would need to turn auditing on for all fields.

VA FileMan 22.0

Select OPTION: OTHER OPTIONS

Select OTHER OPTION: ??

 Choose from:

 1 FILEGRAMS

 2 ARCHIVING

 3 AUDITING

 4 SCREENMAN

 5 STATISTICS

 6 EXTRACT DATA TO FILEMAN FILE

 7 DATA EXPORT TO FOREIGN FORMAT

 8 IMPORT DATA

 9 BROWSER

Select OTHER OPTION: AUDITING

Select AUDIT OPTION: ??

 Choose from:

 1 FIELDS BEING AUDITED

 2 DATA DICTIONARIES BEING AUDITED

 3 PURGE DATA AUDITS

 4 PURGE DD AUDITS

 5 TURN DATA AUDIT ON/OFF

Select AUDIT OPTION: 5 TURN DATA AUDIT ON/OFF

AUDIT FROM WHAT FILE: VA PRODUCT// 50.68 VA PRODUCT (27674 entries)

Select FIELD: ??

 Choose from:

 .01 NAME y

 .05 VA GENERIC NAME y

 1 DOSAGE FORM y

 2 STRENGTH y

 3 UNITS y

 4 NATIONAL FORMULARY NAME y

 5 VA PRINT NAME y

 6 VA PRODUCT IDENTIFIER y

 7 TRANSMIT TO CMOP y

 8 VA DISPENSE UNIT y

 11 GCNSEQNO n

 12 PREVIOUS GCNSEQNO n

 13 NDC LINK TO GCNSEQNO y

 14 ACTIVE INGREDIENTS (multiple)

 15 PRIMARY VA DRUG CLASS y

 16 SECONDARY VA DRUG CLASS (multiple)

 17 NATIONAL FORMULARY INDICATOR y

 19 CS FEDERAL SCHEDULE y

 20 SINGLE/MULTI SOURCE PRODUCT y

 21 INACTIVATION DATE y

 23 EXCLUDE DRG-DRG INTERACTION CK y

 25 MAX SINGLE DOSE y

 26 MIN SINGLE DOSE y

 27 MAX DAILY DOSE y

 28 MIN DAILY DOSE y

 29 MAX CUMULATIVE DOSE y

 30 DSS NUMBER y

 31 OVERRIDE DF DOSE CHK EXCLUSION y

 32 MAXIMUM DAYS SUPPLY y

 40 CREATE DEFAULT POSSIBLE DOSAGE y

 41 POSSIBLE DOSAGES TO CREATE y

 42 PACKAGE y

 43 CODING SYSTEM (multiple)

 45 COPAY TIER (multiple)

 99.98 MASTER ENTRY FOR VUID y

 99.99 VUID y

 99.991 EFFECTIVE DATE/TIME (multiple)

 100 FDA MED GUIDE y

 101 HAZARDOUS TO HANDLE y

 102 HAZARDOUS TO DISPOSE y

 103 PRIMARY EPA CODE y

 104 WASTE SORT CODE y

 108 CLINICAL EFFECTS OF DRUG (multiple)

 109 FORMULARY DESIGNATOR y

 2000 SERVICE CODE y

Select FIELD: 11 GCNSEQNO n

AUDIT: n// YES, ALWAYS

Select FIELD: 12 PREVIOUS GCNSEQNO n

AUDIT: n// YES, ALWAYS

Select FIELD: 45 COPAY TIER (multiple)

Select COPAY TIER SUB-FIELD: ??

 Choose from:

 .01 COPAY TIER LEVEL y

 1 COPAY EFFECTIVE DATE y

 2 COPAY END DATE y

Select COPAY TIER SUB-FIELD:

Select AUDIT OPTION:

Select OTHER OPTION:

### Download/Install Status Report

**[PSN PPS DNLD/INST STATUS REP] Synonym: DIS**

This option is used to display information regarding the status of the DOWNLOAD or INSTALL of files found in the PPS-N UPDATE CONTROL file (#57.23).

**Example 1:**

Select PPS-N Menu <TEST ACCOUNT> Option: **DIS** Download/Install Status Report

Select (D)ownload Detail, (I)nstall Detail or (Q)uit: **DOWNLOAD**

Enter Start Date: T-3 (DEC 08, 2017)

Enter End Date: T (DEC 11, 2017)

DOWNLOAD FILE NAME DOWNLOAD BEGIN DT/TM COMPLETION DT/TM

Dec 08, 2017 to Dec 11, 2017 PAGE: 1

-----------------------------------------------------------------------------

(1) PPS\_50PRV\_51NEW.DAT DEC 08, 2017@15:56:35 DEC 08, 2017@15:56:41

(2) PPS\_51PRV\_52NEW.DAT DEC 10, 2017@15:15:44 DEC 10, 2017@15:15:50

(3) PPS\_52PRV\_53NEW.DAT DEC 10, 2017@15:33:06 DEC 10, 2017@15:33:12

Select a Download File for greater detail. Choose 1-3 or '^' to Quit: **3**

DOWNLOAD INFORMATION FOR FILE PPS\_52PRV\_53NEW.DAT

 PAGE: 1

-----------------------------------------------------------------------------

Download File Name: PPS\_52PRV\_53NEW.DAT

Download Begin Date/Time: Dec 10, 2017@15:33:06

Download Complete Date/Time: Dec 10, 2017@15:33:12

Download File Size: 4884321

Download Error Message:

Press Return to Continue:

DOWNLOAD FILE NAME DOWNLOAD BEGIN DT/TM COMPLETION DT/TM

Dec 08, 2017 to Dec 11, 2017 PAGE: 1

-----------------------------------------------------------------------------

(1) PPS\_50PRV\_51NEW.DAT DEC 08, 2017@15:56:35 DEC 08, 2017@15:56:41

(2) PPS\_51PRV\_52NEW.DAT DEC 10, 2017@15:15:44 DEC 10, 2017@15:15:50

(3) PPS\_52PRV\_53NEW.DAT DEC 10, 2017@15:33:06 DEC 10, 2017@15:33:12

Select a Download File for greater detail. Choose 1-3 or '^' to Quit:

**Example 2:**

Select PPS-N Menu <TEST ACCOUNT> Option: **DIS** **Download/Install Status Report**

Select (D)ownload Detail, (I)nstall Detail or (Q)uit: **INSTALL**

Enter Start Date: **T-3** (DEC 08, 2017)

Enter End Date: **T**  (DEC 11, 2017)

INSTALL FILE NAME INSTALL BEGIN DT/TM COMPLETION DT/TM

Dec 08, 2017 to Dec 11, 2017 PAGE: 1

-----------------------------------------------------------------------------

(1) PPS\_50PRV\_51NEW.DAT;1 DEC 10, 2017@11:37:54 DEC 10, 2017@11:42:21

(2) PPS\_50PRV\_51NEW.DAT;1 DEC 10, 2017@12:18:20 DEC 10, 2017@12:19:43

(3) PPS\_50PRV\_51NEW.DAT;1 DEC 10, 2017@13:31:53 DEC 10, 2017@13:33:14

(4) PPS\_51PRV\_52NEW.DAT;1 DEC 10, 2017@15:15:57 DEC 10, 2017@15:17:16

Select an Install File for greater detail. Choose 1-4 or '^' to Quit: **4**

Current Install Status:

-----------------------

Name: PPSN

Open VMS Local Directory:

UNIX/LINUX Local Directory: REDACTED

PPS-N Install Version: 52

PPS-N Mail Group: REDACTED

Secondary Mail Group: REDACTED VA.GOV

PPS-N Download Version: 53

Download Status: NOT IN PROGRESS

Install Status: NOT IN PROGRESS

Install Information for file PPS\_51PRV\_52NEW.DAT;1:

--------------------------------------------------

Install Begin Date/Time: DEC 10, 2017@15:15:57

Install Completion Date/Time: DEC 10, 2017@15:17:16

Last VistA file processed: 50.68

Last File IEN processed: 24282,

Last TMP file subscript: TMP(PSN PPSN PARSED,29495,DATAO,50.68,99

Last Update file section: DATA

Displayed Last: Installation completed.

Select (E)rror Detail or (Q)uit: ERROR

ERROR INFORMATION FOR FILE PPS\_51PRV\_52NEW.DAT;1

 PAGE: 1

-----------------------------------------------------------------------------

No Error Information for this file

Press Return to Continue:

Current Install Status:

-----------------------

Name: PPSN

Open VMS Local Directory:

UNIX/LINUX Local Directory: REDACTED /

PPS-N Install Version: 52

PPS-N Mail Group: REDACTED V

Secondary Mail Group: REDACTED

PPS-N Download Version: 53

Download Status: NOT IN PROGRESS

Install Status: NOT IN PROGRESS

Install Information for file PPS\_51PRV\_52NEW.DAT;1:

--------------------------------------------------

Install Begin Date/Time: DEC 10, 2017@15:15:57

Install Completion Date/Time: DEC 10, 2017@15:17:16

Last VistA file processed: 50.68

Last File IEN processed: 24282,

Last TMP file subscript: TMP(PSN PPSN PARSED,29495,DATAO,50.68,99

Last Update file section: DATA

Displayed Last: Installation completed.

Select (E)rror Detail or (Q)uit: QUIT

INSTALL FILE NAME INSTALL BEGIN DT/TM COMPLETION DT/TM

Dec 08, 2017 to Dec 11, 2017 PAGE: 1

-----------------------------------------------------------------------------

(1) PPS\_50PRV\_51NEW.DAT;1 DEC 10, 2017@11:37:54 DEC 10, 2017@11:42:21

(2) PPS\_50PRV\_51NEW.DAT;1 DEC 10, 2017@12:18:20 DEC 10, 2017@12:19:43

(3) PPS\_50PRV\_51NEW.DAT;1 DEC 10, 2017@13:31:53 DEC 10, 2017@13:33:14

(4) PPS\_51PRV\_52NEW.DAT;1 DEC 10, 2017@15:15:57 DEC 10, 2017@15:17:16

Select an Install File for greater detail. Choose 1-4 or '^' to Quit: **^**

Select (D)ownload Detail, (I)nstall Detail or (Q)uit: ^

### Manage Secure Shell (SSH) Keys

**[PSN PPS SSH KEY MANAGEMENT] Synonym: SSH**

This option is used for managing SSH encryption keys used in PPS-N data file download from the server.

Once the PPS-N parameters have been entered the next step is to create a pair of SSH encryption keys that will be used for authenticating the sFTP connection to the state automatically bypassing the need for the user to type in a sFTP password. This will enable the data file download from the PPS-N server. Use the Manage Secure Shell (SSH) Keys [PSO PPS-N SSH KEY MANAGEMENT] option and follow the steps below:

 The Manage Secure Shell (SSH) Keys [PSN PPS SSH KEY MANAGEMENT] option requires the PSN PPS COORD Security Key for creating or deleting SSH Key pairs.

* **Verify that you don’t have an SSH Key pair in place. You can use the Action ‘V’ (View Public SSH Key) for this purpose, as seen in the example below:**

 Select one of the following:

 V View Public SSH Key

 C Create New SSH Key Pair

 D Delete SSH Key Pair

 H Help with SSH Keys

Action: V// v View Public SSH Key

**[No SSH Key Pair found]**

Press Return to continue:

The message [No SSH Key Pair found] displayed above indicates that there are no SSH keys meaning that it is okay to proceed with the creation of a new SSH Key Pair.

* If you are not sure how to create and share the Public SSH Key invoke the Action ‘H’ for detailed information to help you successfully create and share the key with the state. It is recommended that you use RSA.

Action: V// **h** Help with SSH Keys

Secure Shell (SSH) Encryption Keys are used to allow data file download.

Follow the steps below to successfully setup data file download from Austin

server to VistA sites:

Step 1: Select the 'C' (Create New SSH Key Pair) Action and follow the prompts

 to create a new pair of SSH keys. If you already have an existing SSH

 Key Pair you can skip this step.

 You can check whether you already have an existing SSH Key Pair

 through the 'V' (View Public SSH Key) Action.

 Encryption Type: RSA or DSA?

 ----------------------------

 Rivest, Shamir & Adleman (RSA) and Digital Signature Algorithm (DSA)

 are two of the most common encryption algorithms used in IT industry

 for securely sharing data. The majority of servers can handle either

 type; however there are some servers that accept only one specific type.

Press Return to continue:

Step 2: Share the Public SSH Key content with the PPS-N SFTP server (Austin).

 In order to successfully establish the data download files, the SFTP

 server at Austin needs to install/configure the new SSH Key created in

 step 1 for the user id they assigned to your site. Use the 'V' (View

 Public SSH Key) Action to retrieve the content of the Public SSH key.

 The Public SSH Key should not contain line-feed characters, therefore

 after you copy & paste it from the terminal emulator into an email or

 text editor make sure it contains only one line of text (no wrapping).

* Once you have read the Help text above proceed to creating the SSH Key Pair by selecting the Action ‘C’ (Create New SSH Key Pair)

Action: V// **C** Create New SSH Key Pair

Enter your Current Signature Code: SIGNATURE VERIFIED

 Select one of the following:

 RSA Rivest, Shamir & Adleman (RSA)

 DSA Digital Signature Algorithm (DSA)

SSH Key Encryption Type: RSA// ?

 Rivest, Shamir & Adleman (RSA) and Digital Signature Algorithm

 (DSA) are two of the most common encryption algorithms used by

 the IT industry for securely sharing data. The majority of

 servers can handle either type.

 You will need to contact the Austin SFTP server support to determine which type to select.

 Select one of the following:

 RSA Rivest, Shamir & Adleman (RSA)

 DSA Digital Signature Algorithm (DSA)

SSH Key Encryption Type: RSA// Rivest, Shamir & Adleman (RSA))

Confirm Creation of SSH Keys? NO// YES

Creating New SSH Keys, please wait...Done.

* Once you have created the new SSH Key Pair use the Action ‘V’ (View Public SSH Key) one more time to retrieve the content of the Public SSH Key so that you can share with the sftp server.

Public SSH Key (RSA) content (does not include dash lines):

--------------------------------------------------------------------------------

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQDfdQ3vqmqVKT2V6gn34Q42fGJz7hYgEGaP48Hpxk7u

ZKid0DkUnk4NKI4bf5uwng2TeT5/fPDAzUuTRJCWwJ2hmpBaUXJ+y9b+E5jXsjk8cWRz4frjGz38PTE1

J0205eYTwRoAeK9qYxVyBiYd7GJjzZkaNL32P3tfMQfBb09bhdeMwtarkPSo6gh65rXGS+3R4DgU5xFd

QeUU7SGXaVxTEXAsKQagaPIClXrk4wFZ8Q3JvDviWHrKXGb3gmg5RWXC7pHTuZf7LRzhBaDYUbqXN+6k

x06CycvB6GanQAf1cf1+AO2O9pdJ1J4DN2lA/HDV3BsjNLI926zgMa7ci8kL

--------------------------------------------------------------------------------

* Send the key to AITC to be added.

|  |  |
| --- | --- |
| clapboard-icon-SM-GR | REDACTED  |

Example: A screen shot of a request



# Glossary

**Automatic Matching by** This is the pairing of a drug from the local

**NDC Matching** DRUG file (#50) with a drug in the National Drug files with the same NDC number. This matching will be accomplished when the option *Automatic Match of Unmatched Drugs* is executed for the first time.

**Active Drug** Drugs that contain no inactivation date in the INACTIVE DATE field (#100) of the local DRUG file (#50).

**Bulk Compound** An item manufactured by the pharmacy in a large quantity (gallons, pounds, etc.) and kept on hand to be dispensed in smaller 0quantities (ounces, grams, etc.). Identified by the code “M” in the DEA, SPECIAL HDLG field (#3) of the local DRUG file (#50).

**CLINICAL EFFECTS OF DRUG** This field contains the package associated

**Field (#50.68108)** with the clinical effect duration. Only the default value of NO will be displayed and other fields will not be populated.

**CMOP** Consolidated Mail Outpatient Pharmacy.

**Copay Tier** This VistA field indicates the level of copayment a Pharmacy product has as it relates to the calculation of the copayment amount. The tier levels include Tier 0, Tier 1, Tier 2 and Tier 3. See **Fixed Medication Copay Tier** definition below for the types of products associated with each tier.

**DOT SHIPPING CODE** This field contains the DOT shipping code

**Field (#105)**  associated with the disposal of the drug.

**DEA, SPECIAL HDLG** A field of the local DRUG file (#50). Contains

**Field (#3)** one or more codes representing special characteristics of a product.

**DRUG File** *See* Local DRUG File (#50).

**DRUG INGREDIENTS** A file that contains individual generic

**File (#50.416)** drugs that are components of various drug products.

**Error** In the National Drug File (NDF) software, an error is an entry in the NATIONAL DRUG TRANSLATION file (#50.612) that does not have a match in the local DRUG file (#50).

**FDA Medication Guide** Paper handouts that come with many prescription medicines given to the patient. The guides address issues that are specific to particular drugs and drug classes, and contain FDA-approved information that can help patients avoid serious adverse events.

**Fixed Medication Copay Tier** Mandated Criteria specifying how copay amounts will be calculated determined by the Tier level designated for a Pharmacy Product including: Tier 1 - selected generic, Tier 2 - generic and Tier 3 - brand name products. A Tier 0 will be used for Supplies, and other exempt products.

**FORMULARY DESIGNATOR** This field is used to classify prior

**Field (#109)** authorization levels before dispensing. Prior authorization is used to ensure that the medication is appropriate for each individual veteran. Examples are:**.**

- Prior Authorization-National (PA-N) refers

 to medications that are formulary, but

 require prior approval at the national

 level before dispensing.

 - Prior Authorization-VISN (PA-V) refers

 to medications that are formulary, require

 prior approval at the VISN level before

 dispensing.

 - Prior Authorization-Facility (PA-F) refers

 to medications that are formulary, but

 require prior approval at the facility

 level before dispensing.

 - Prior Authorization-DOD COC refers to

 medications that are formulary, but

 require prior approval for Department of

 Defense Continuity of Care.

**FORMULARY DESIGNATOR** This field contains the descriptive text

**TEXT Field (#50.681)** of the formulary designator.

**FSN** Federal Stock Number. A unique identifying number assigned by the Federal Supply system to a product (drug, supply, food item, etc.) for ordering and accounting purposes. Synonymous with the National Stock Number (NSN). One of the fields in the local DRUG file (#50).

**HAZARDOUS TO HANDLE** This field indicates whether a drug exhibits

**Field (#101)** one or more characteristics that makes it hazardous to handle (i.e. toxicity, carcinogenicity, etc.)

**HAZARDOUS TO DISPOSE** This field indicates whether a drug exhibits

**Field (#102)** one or more characteristics that makes it hazardous to dispose (i.e. toxicity, carcinogenicity, etc.)

**Investigational Drug** A new drug for which an investigational new drug application has been filed with, and approved by the Food and Drug Administration (FDA). The drug may be a new chemical compound which has not been released for general use and is not available through regular channels of interstate commerce, or it may be an approved drug with a new use, different dosage level, different route of administration, or a new combination of drugs. Identified by the code “I” in the DEA, SPECIAL HDLG field (# 3) of the local DRUG file (#50).

**Local DRUG File** This file contains the local GENERIC NAME (#.01), INACTIVE DATE (#100), DEA, SPECIAL HDLG (#3), and NDC fields, as well as others. NDF software attempts to match products from this file with products in the VA GENERIC file (#50.6) and the VA PRODUCT file (#50.58).

**Local Generic Name** Field #.01.The first field in the local DRUG file (#50). This is the identifying name for the item. It is this name that is routinely printed on prescription labels, medication administration records, inventory sheets, etc. The field name is GENERIC NAME (#.01). These terms are interchangeable throughout this document. This field is automatically stuffed with the VA Print Name when an item is marked for CMOP transmission.

**Manually Classed Drug** A drug from the local DRUG file (#50) which could not be matched to the National Drug files, but has been assigned a VA Drug Classification through the use of the *Allow Unmatched Drugs to be Classed* menu option.

**Manufacturer Code** The first portion of the NDC number (the first 4-6 digits). Identifies the manufacturer of the product.

**Manufactured in Pharmacy** An item which is manufactured (or compounded) by pharmacy services on a prescription-by-prescription basis (as opposed to a bulk compound). Identified by the code “0” in the DEA, SPECIAL HDLG field (#3) of the local DRUG file (#50).

**National Drug File Package** or This software package attempts to match

**National Drug File Software** the National Drug files entries with local DRUG file (#50) entries using both automatic matching and manual matching. The automatic matching is by NDC number only.

**National Drug files** VA GENERIC file (#50.6), VA PRODUCT file (# 50.68), NDC/UPN file (#50.67). Three files that contain a list of available drug products. Includes specific information for each product, including trade name, NDC number manufacturer, VA Drug Class code, dosage form, route of administration, strength, units, ingredients, ingredient strength and units, package code, package size, package type, VA product name, and VA generic name. NDF software attempts to match products from this file with products in the local DRUG file (#50).

**National** **Drug** **Identifier** A unique, HL7 compatible code assigned to all products marked for CMOP transmission. This code is utilized to transmit VA Print name and dispense unit from **V***IST***A** to the vendor.

**NATIONAL DRUG** File #50.612. A temporary file that is created

**TRANSLATION File** by the NDF software. This file will contain information on drugs that have been matched, or for which a match was attempted.

**NDC (NDC Number)** National Drug Code. A unique number assigned to a drug by the manufacturer for identification purposes. The NDC is in one of three formats: 4-4-2, 5-3-2, or 5-4-1. The first part is the manufacturer’s code, the second part is the product number, and the last is the code for the package size and type. This is one of the fields in the local DRUG file (#50).

**NDF** National Drug File. In this document, NDF refers to either the National Drug file software. (*See National Drug File Package or National Drug File Software.*)

**OTC** Over-the-Counter. A term used to describe a product that may be supplied or purchased without a physician’s prescription. Identified by the code “9” in the DEA, SPECIAL HDLG field (#3) of the local DRUG file (#50).

**Package** **Code** The last portion of the NDC number (the last two digits). This identifies the package type and size in which the product is supplied.

**Package** **Size** The actual (physical) amount of a drug in the individual package (i.e., 5000 capsules per bottle).

**Package** **Type** The physical container in which a drug is supplied (i.e., bottle, vial).

**PMI Sheet** Patient Medication Information Sheet. Medication information sheets given to the patient to explain how and why to take a medication and the possible side effects. The information supplied in the PMI sheet is supplied by a commercial vendor.

**PPS-N** The Pharmacy Product System-National (PPS-N) is a Web-based application that provides the ability to manage pharmacy-specific data across the VA enterprise, ensuring that all facilities are using the same base data for their operations. It allows approved national VA personnel to easily, quickly, and safely manage the VA National Formulary which directs which products (such as medications and supplies) are to be purchased and used by the VA hospital system.

**PRIMARY EPA CODE Field (#103)** This field contains the Environmental Protection Agency (EPA) waste code which identifies the drugs hazardous waste characteristics. For example: EPA waste code P001 for Warfarin, and salts, when present, at concentrations greater than 0.3%.

**Product** **Code** The second portion of the NDC number (the second four digits) that identifies the specific drug.

**PSNMGR** The name of the primary menu option and of the key that must be assigned to the pharmacy coordinator and supervisors using the National Drug File software.

**Supply** **Item** A non-drug item entered into the GENERIC NAME field (#.01) of the local DRUG file (#50) that may be a prosthetic or expendable item such as ostomy supply, alcohol pads, syringes, bed pans, etc. identified by the code “S” in the DEA, SPECIAL HDLG field (#3) of the local DRUG file (#50).

**Trade** **Name** This is the brand name. The name given to a generic product to distinguish it as one produced and sold by a specific manufacturer.

**UPC** Universal Product Code. A unique number assigned to a product by a manufacturer commonly used for supply items. These may be found in the NDC/UPN file (#50.67).

**VA** **Dispense** **Unit** The standardized unit assigned to a product when the product is marked for CMOP transmission.

**VA** **DRUG** **CLASS** **File** File (#50.605). This file contains the VA Drug Classification codes and their descriptions. Each product in the National Drug files has one of these codes assigned.

**VA** **Generic** **Name** A name given to an item (drug, supply, etc. in the VA GENERIC file (#50.6)). It is this name which is matched with the entry in the GENERIC NAME (local generic name) field (#.01) of the local DRUG file (#50). This name does not contain strength, unit, or dosage form.

**VA** **Print** **Name** The forty-character name assigned as the name that prints on all prescription labels for products marked for CMOP transmission.

**VA Product Name** The unique name assigned to each drug product in the National Drug files. This name comes from the VA PRODUCT file (#50.68) and includes strength, unit, and dosage form.

**VISTA** Veterans Health Information Systems and Technology Architecture.

**WASTE SORT CODE Field (#104)** This field contains the waste sort code associated with disposal of the drug.

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