NATIONAL DRUG FILE (NDF)

USER MANUAL

Version 4.0
October 1998

(Revised January 2018)

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
12/2017	i-iv 4-5, 79-102, 108	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, 10-12, 48-60, 63-69 , 80-81, 83-84	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 Glossary (G. Tucker, PM; S. Blair, Tech Writer)
12/2016	Title page	PSN*4.0*492	Updated revised date to December 2016 to match release date.
11/2016	8, 9, 44, 45, 46, 47, 48, 49, 52, 53, 55, 56, 57-58, 68, 69	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. (R. LeBlanc, PM; B. Thomas, Tech Writer)

Date	Revised Pages	Patch Number	Description
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 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. Updated Table of Contents. (N. Goyal, PM; E. Phelps, Tech Writer)
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. (T. Leggett, DM, B. Thomas Tech Writer)
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. (T. Leggett,DM, B. Thomas Tech Writer)
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. G. Tucker Dev. Mgr., V. Howell Tech Writer
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.)

Date	Revised Pages	Patch Number	Description
09/2001	Title Page, i, ii, 41d,42	Developer Request	- 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*.

Table of Contents

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:

Indicates the user should take note of the information.

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.

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]
    *LOCF   Local 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]
 **PNIN   Inquire 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.

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.*

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.

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     DEA       NDC
                                                   DATE

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* and the option *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
                  OCT 15,1998  09:25    PAGE 1
--------------------------------------------------------------------------------


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.

 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>
```

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)? IDENTIFIER
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
                                          JUL 29,2003  14:33    PAGE 1
--------------------------------------------------------------------------

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.

> 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.

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.

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          ┌──────────────────────────────┐
Maximum Days Supply:                              │ Auto-Create Default Possible Dosage │
                                                  │ is set to Yes.               │
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
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? 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:
```

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

Auto-Create Default Possible Dosage is set to No and no Possible Dosages are auto-created.

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



Press return to continue or '^' to exit:    ┌──────────────────────────────────┐
                                            │ Auto-Create Default Possible Dosage is set to │
                                            │ No and  Possible Dosages  are auto-created for │
                                            │ both Inpatient and Outpatient packages │
                                            └──────────────────────────────────┘
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.

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.

 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.

If the FDA Medication Guide does not automatically open in a .pdf format when the user presses <Enter>, the desktop may not have the required software installed. The user should contact local technical support for assistance.

Example 1: Displaying an FDA Medication Guide for a VA Product without 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 ...
```

.... *example continues on the next page* ....

Example 1: Displaying an FDA Medication Guide for a VA Product without a Medication Guide Associated (cont.)

```
   PMIS    Print a PMI Sheet
   FDA     Display FDA Medication Guide

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

Select VA PRODUCT NAME:SIMVASTATIN
     1    SIMVASTATIN 10MG TAB
     2    SIMVASTATIN 10MG TAB,UD
     3    SIMVASTATIN 20MG TAB
     4    SIMVASTATIN 20MG TAB,UD
     5    SIMVASTATIN 40MG TAB
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 1  SIMVASTATIN 10MG TAB

There is no FDA Medication Guide associated with this medication.

Enter RETURN to continue, '?' for HELP, or '^' to exit: ?

When unable to get the FDA Medication Guide to display, review the following
suggestion(s) for troubleshooting potential problems:

1) If no FDA Medication Guide exists for a product that you believe should
   have one, confirm that one is required by visiting the FDA website
   (www.fda.gov). If one is required, log a support ticket to request its
   addition. Please understand that there may be a delay between the time
   that a new Medication Guide is posted to the FDA website and when it is
   made available in VistA through a National Drug File data update patch.
```

Example 2: Displaying an FDA Medication Guide for a VA Product when the Java Software Component is not Installed or is not Running

```
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

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

Select VA PRODUCT NAME: LINDA
     1    LINDANE 1% CREAM,TOP
     2    LINDANE 1% LIQUID,TOP
     3    LINDANE 1% LOTION
     4    LINDANE 1% SHAMPOO
CHOOSE 1-4: 3  LINDANE 1% LOTION
```
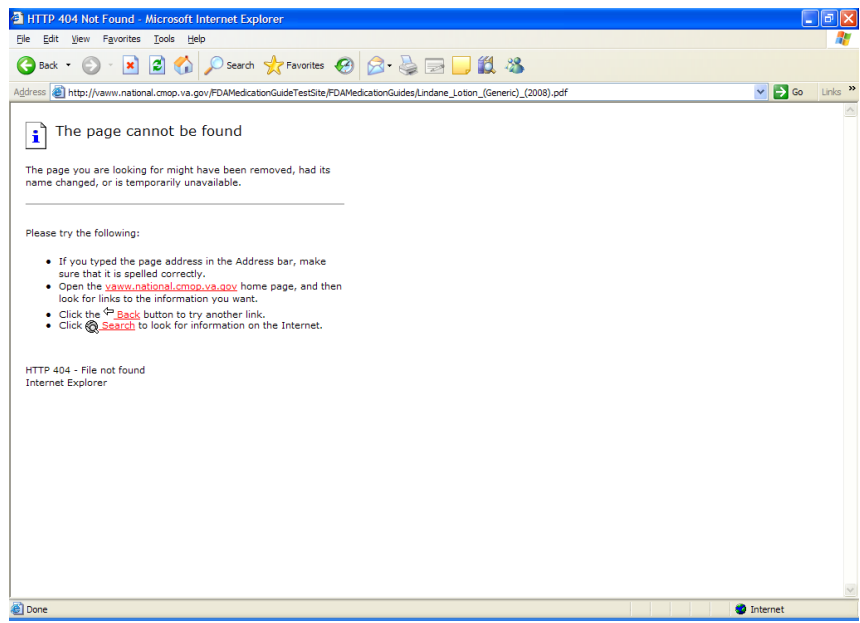
Example 2: Displaying an FDA Medication Guide for a VA Product when the Java Software Component is not Installed or is not Running (cont.)

```
The following URL provides the link to the FDA Medication Guide associated
with this medication. Thin Client users: copy/paste the URL below into a
browser to access the FDA Medication Guide for this drug:

vaww.national.cmop.va.gov/FDAMedGuides/Lindane_Lotion_(Generic)_(2008).pdf

Please wait...

The system is unable to display FDA Med Guide automatically.

The FDA Medication Guide will not automatically open on Thin Client and some
types of encrypted sessions. If you do not believe this is the reason contact
your local technical support for assistance.

You can copy/paste the link above into your browser's address bar to retrieve
the FDA Medication Guide.

Enter RETURN to continue, '?' for HELP, or '^' to exit: ?

When unable to get the FDA Medication Guide to display, review the following
suggestion(s) for troubleshooting potential problems:

1) The browser did not open automatically. This may be due to the following:
   - You might be connected to VistA via Thin Client or an encrypted session
     that prevents the FDA Med Guide from automatically displaying. Please
     copy and paste the URL link below into your browser's address bar to
     retrieve the FDA Medication Guide:

 vaww.national.cmop.va.gov/FDAMedGuides/Lindane_Lotion_(Generic)_(2008).pdf

   - The computer might not have the required Java software component
     installed or the software might not be functioning properly. Please,
     contact technical support for assistance.

2) When doing a copy/paste of the link into the browser's address and an HTTP
   404 - File Not Found error is received. This may be due to the following:
   - A common issue exists when the link is displayed in two lines in the
     terminal screen. When you copy both lines at the same time and paste it
     into the browser's address, the second line is ignored by the browser
     resulting in a 'broken' link. To resolve this issue, copy and paste one
     line at a time from the terminal screen into the browser's address to
     make sure the complete link is used.
   - The FDA Medication Guide Server may be down at the moment. Please, wait
     a few minutes and try again. If the problem persists, contact technical
     support for assistance.

3) The browser opened automatically, however you receive an HTTP 404 - File
   Not Found error. This may be due to the following:
   - The FDA Medication Guide Server may be down at the moment. Please, wait
     a few minutes and try again. If the problem persists, contact technical
     support for assistance.

Enter RETURN to continue, '?' for HELP, or '^' to exit:

Select VA PRODUCT NAME:
```

.... *example continues on the next page* ....

Example 3: Displaying an FDA Medication Guide for a VA Product when the Java Software Component is Installed and Running but the Server is Down

```
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

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

Select VA PRODUCT NAME: LINDA
     1    LINDANE 1% CREAM,TOP
     2    LINDANE 1% LIQUID,TOP
     3    LINDANE 1% LOTION
     4    LINDANE 1% SHAMPOO
CHOOSE 1-4: 3  LINDANE 1% LOTION

The following URL provides the link to the FDA Medication Guide associated
with this medication. Thin Client users: copy/paste the URL below into a
browser to access the FDA Medication Guide for this drug:

vaww.national.cmop.va.gov/FDAMedGuides/Lindane_Lotion_(Generic)_(2008).pdf

Please wait...
```


.... *example continues on the next page* ....

Example 3: Displaying an FDA Medication Guide for a VA Product when the Java Software Component is Installed and Running but the Server is Down (cont.)

```
Enter RETURN to continue, '?' for HELP, or '^' to exit: ?

When unable to get the FDA Medication Guide to display, review the following
suggestion(s) for troubleshooting potential problems:

1) The browser did not open automatically. This may be due to the following:
   - You might be connected to VistA via Thin Client or an encrypted session
     that prevents the FDA Med Guide from automatically displaying. Please
     copy and paste the URL link below into your browser's address bar to
     retrieve the FDA Medication Guide:

 vaww.national.cmop.va.gov/FDAMedGuides/Lindane_Lotion_(Generic)_(2008).pdf

   - The computer might not have the required Java software component
     installed or the software might not be functioning properly. Please,
     contact technical support for assistance.

2) When doing a copy/paste of the link into the browser's address and an HTTP
   404 - File Not Found error is received. This may be due to the following:
   - A common issue exists when the link is displayed in two lines in the
     terminal screen. When you copy both lines at the same time and paste it
     into the browser's address, the second line is ignored by the browser
     resulting in a 'broken' link. To resolve this issue, copy and paste one
     line at a time from the terminal screen into the browser's address to
     make sure the complete link is used.
   - The FDA Medication Guide Server may be down at the moment. Please, wait
     a few minutes and try again. If the problem persists, contact technical
     support for assistance.

3) The browser opened automatically, however you receive an HTTP 404 - File
   Not Found error. This may be due to the following:
   - The FDA Medication Guide Server may be down at the moment. Please, wait
     a few minutes and try again. If the problem persists, contact technical
     support for assistance.

Enter RETURN to continue, '?' for HELP, or '^' to exit:

Select VA PRODUCT NAME:
```

Example 4: Displaying an FDA Medication Guide for a VA Product when the Java Software Component is Installed and Running

```
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
```

.... *example continues on the next page* ....

Example 4: Displaying an FDA Medication Guide for a VA Product when the Java Software Component is Installed and Running (cont.)

```
   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

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

Select VA PRODUCT NAME: LINDA
     1    LINDANE 1% CREAM,TOP
     2    LINDANE 1% LIQUID,TOP
     3    LINDANE 1% LOTION
     4    LINDANE 1% SHAMPOO
CHOOSE 1-4: 3  LINDANE 1% LOTION

The following URL provides the link to the FDA Medication Guide associated
with this medication. Thin Client users: copy/paste the URL below into a
browser to access the FDA Medication Guide for this drug:

vaww.national.cmop.va.gov/FDAMedGuides/Lindane_Lotion_(Generic)_(2008).pdf

Please wait...

Enter RETURN to continue, '?' for HELP, or '^' to exit:

Select VA PRODUCT NAME:
```
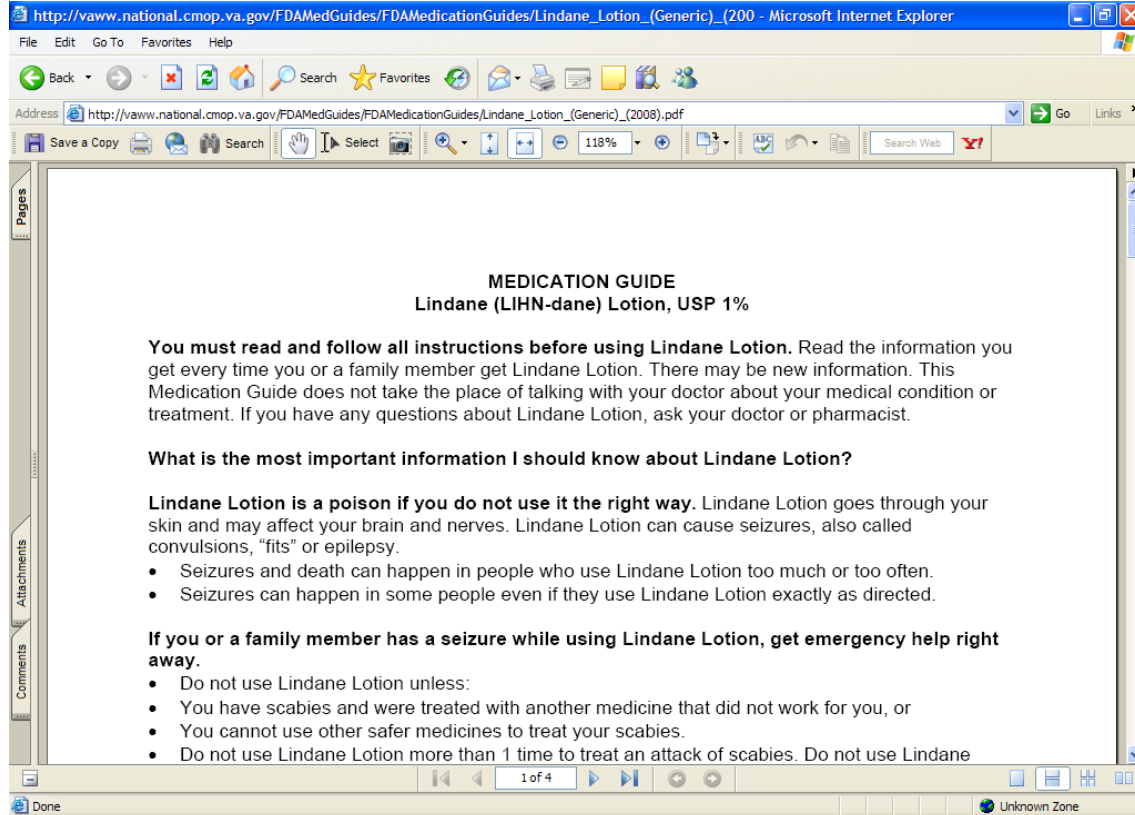
PPS-N Menu

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.

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] snd 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.

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] snd 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: Installion 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: Installion 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: Installion, 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:
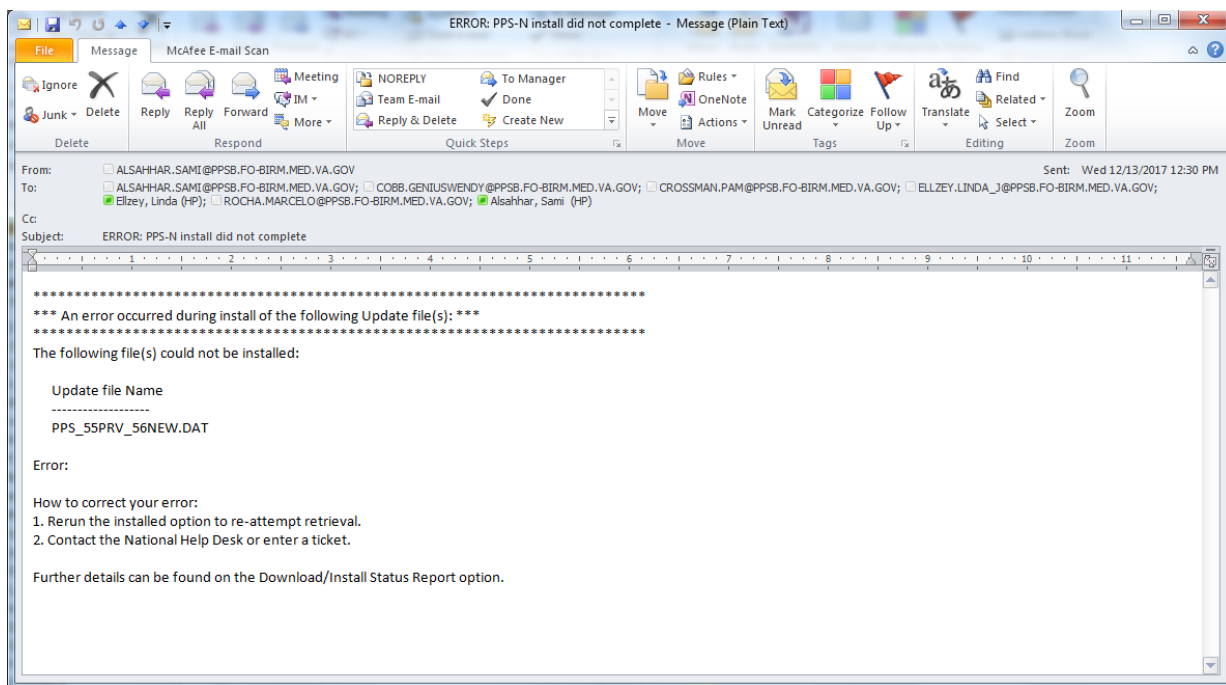
Reject/Complete of NDF Update file
[PSN PPS REJECT FILE]   Synonym: RJ

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      : xxxxxxxxxxxxxxx.aac.va.gov
 6. *Remote Server Directory    : /xxxxx/xxxxxxx/xxxxxxxx/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:      /srv/vista/cdv/user/sftp/ppsb/PPSN/
PPS-N Install Version:           52
PPS-N Mail Group:                LINDA.ELLZEY@VA.GOV
Secondary Mail Group:            SAMI.ALSAHHAR@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:      /srv/vista/cdv/user/sftp/ppsb/PPSN/
PPS-N Install Version:           52
PPS-N Mail Group:                LINDA.ELLZEY@VA.GOV
Secondary Mail Group:            SAMI.ALSAHHAR@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: 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 AAAAB3NzaC1yc2EAAAADAQABAAAABAQDfdQ3vqmqVKT2V6gn34Q42fGJz7hYgEGaP48Hpxk7u
ZKid0DkUnk4NKI4bf5uwng2TeT5/fPDAzUuTRJCWwJ2hmpBaUXJ+y9b+E5jXsjk8cWRz4frjGz38PTE1
J0205eYTwRoAeK9qYxVyBiYd7GJjzZkaNL32P3tfMQfBb09bhdeMwtarkPSo6gh65rXGS+3R4DgU5xFd
QeUU7SGXaVxTEXAsKQagaPIClXrk4wFZ8Q3JvDviWHrKXGb3gmg5RWXC7pHTuZf7LRzhBaDYUbqXN+6k
x06CycvB6GanQAf1cf1+AO2O9pdJ1J4DN2lA/HDV3BsjNLI926zgMa7ci8kL
-------------------------------------------------------------------------------
```
- Send the key to AITC to be added.

	Action: You will need to share the text content above (between the dash lines) with Austin SFTP server so they can install it on their server. The Public SSH Key sent to the server should not contain line-feed characters. 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). The site needs to enter CA Service ticket to the "**EO Linux Sys Admin VHA Team"** group. The SFTP server, **vaausmocftpprd01**, should be entered as the Configuration Item. The description should be something like this: Add this key to the authorized_keys file for the presftp user on SFTP server, vaausmocftpprd01:

Example: A screen shot of a request
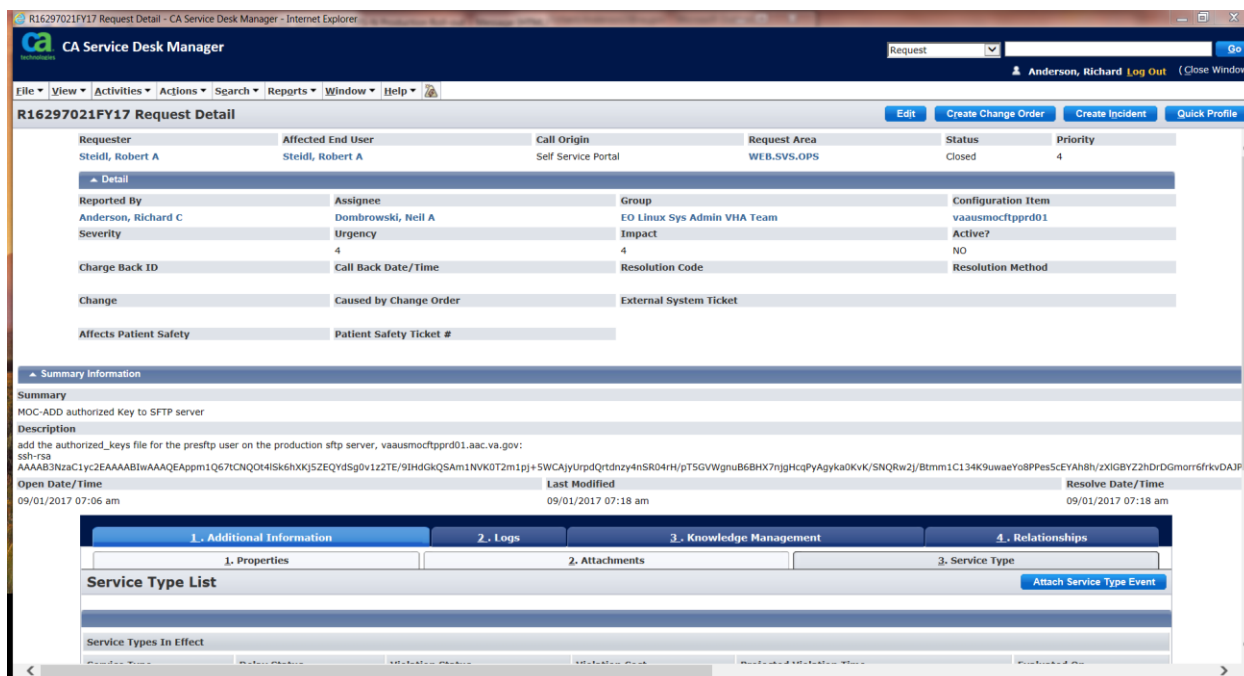
Glossary

Automatic Matching by NDC Matching	This is the pairing of a drug from the local 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 Field (#50.68108)

This field contains the package associated 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 Field (#105)

This field contains the DOT shipping code associated with the disposal of the drug.

DEA, SPECIAL HDLG Field (#3)

A field of the local DRUG file (#50). Contains one or more codes representing special characteristics of a product.

DRUG File

See Local DRUG File (#50).

DRUG INGREDIENTS File (#50.416)

A file that contains individual generic 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 Field (#109)

This field is used to classify prior 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 TEXT Field (#50.681)

This field contains the descriptive text 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 Field (#101)

This field indicates whether a drug exhibits one or more characteristics that makes it hazardous to handle (i.e. toxicity, carcinogenicity, etc.)

HAZARDOUS TO DISPOSE Field (#102)

This field indicates whether a drug exhibits 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 **National Drug File Software**   This software package attempts to match 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 TRANSLATION File	File #50.612. A temporary file that is created 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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