

Department of Veterans Affairs
Decentralized Hospital Computer Program

**INPATIENT PHARMACY
AUTOMATIC REPLENISHMENT/
WARD STOCK MODULE
USER MANUAL**

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Preface

PREFACE

The Automatic Replenishment/Ward Stock User Manual discusses capabilities, uses, and features of the AR/WS module for Inpatient Pharmacy Package Coordinators, Inpatient Pharmacists, and Pharmacy Technicians. There is additionally, an AR/WS Nurses' Menu described which some stations may elect to use.

Preface

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Introduction

Automatic Replenishment (AR)/Ward Stock (WS) is a method of drug distribution and inventory management within a hospital. Drug products can be automatically inventoried and delivered (AR) to an area of use (AOU) or requested on demand (WS). An area of use is the place where commonly stocked items are stored. The area is potentially composed of wards, clinics, and specialties.

The Automatic Replenishment process usually consists of the following functions: 1) select the AOU's and types of items within each AOU to be inventoried, 2) visit each AOU and take inventory, 3) determine the quantity to be dispensed for each item, and 4) dispense the item. The Automatic Replenishment module is designed to allow each VAMC to adapt the system to its own needs.

Version 2.3 of the AR/WS package contains several new features. Several new options have been added. On the Supervisor's Menu there is now a *Duplicate Entry Report* option that prints a report of duplicate entries. The report will show all inventory, return, and on-demand data for each drug selected. The *Single AOU Inventory Print* option has been added to the Production menu. This option will print an inventory sheet for a single AOU that is included in the inventory date/time. In addition, a new Crash Cart Menu has been added, and all reports have been modified to allow selection of AOU's by Inventory Group and changed to form feed only at the end of a report.

This User Manual is divided into three parts. Chapter One contains the "Supervisor's Menu"; Chapter Two, the "Production Menu"; and Chapter Three, the "Nurses' Menu". Each of these chapters gives the purpose of each option contained on the specific menu and is followed by an example of how to use the option. Chapter Three is followed by an Appendices which contains a section on "Working with the System". "Working with the System" presents information which will be useful to persons who have not previously used DHCP software.

If you are unfamiliar with the AR/WS module or other DHCP software applications, we recommend that you study the DHCP *Users Guide to Computing*. This orientation guide is a comprehensive handbook benefiting first time users of any DHCP application. The purpose of the introductory material is to help you become familiar with basic computer terms and the components of a computer. It is

Introduction

reproduced and distributed periodically by the Kernel Development Group. To request a copy, contact your local Information Resource Management (IRM) staff.

In this manual, the user's response is underlined and in **bold** type, but will not appear on the screen underlined and bold. The underlined and bold part of the entry is the letter or letters that must be typed so that the computer can identify the response. In most cases, you need only enter the first few letters. This increases speed and accuracy.

Every response you type in must be followed by pressing the Return key (or Enter key for some keyboards). Whenever the Return or Enter key should be pressed, you will see the symbol <RET>. This symbol is not shown but is implied if there is underlined input.

Within the examples representing actual terminal dialogues, the author may offer information about the dialogue. This information is enclosed in brackets (e.g., *[Screen Clears]*) and will not appear on the screen.

This package does not impose any additional legal requirements on the user, nor does it relieve the user of any legal requirements.

Set Up AR/WS (Build Files)

- Enter/Edit Inventory Types
- Item Location Codes - Enter/Edit
- Create the Area of Use
- Stock Items - Enter/Edit
- Expiration Date - Enter/Edit
- Ward (For Item) Conversion
- Add/Delete Ward (for Item)
- Transfer AOU Stock Entries
- Inactivate AOU
- Inactivate AOU Stock Item
- AOU Inventory Group - Enter/Edit
- Print Set Up Lists
 - Print Inventory Types (80 column)
 - List Location Codes (80 column)
 - Show AOU/Ward/Service (132 column)
 - Print AR/WS Stock Item Data (132 column)
 - List Stock Items (132 column)
 - Inventory Group List (80 column)
- Edit 'Person Doing Inventory'
- Sort AOU's in Group
- Site Parameters

Prepare AMIS Data

- Print AMIS Worksheet (80 column)
- Enter AMIS Data for All Drugs/All AOU's
- Data for AMIS Stats - Print (132 column)
- AMIS Data Enter/Edit(Single Drug)
- Identify AOU Returns & AMIS Count
- Identify AOU INPATIENT SITE
- Show AOU Status for AMIS (80 column)

Management Reports

- AR/WS AMIS Report
 - Incomplete AMIS Data
 - Print AMIS Report (132 column)
 - Recalculate AMIS
- Cost Report Per AOU (80 column)
- Single Item Cost Report (80 column)
- High Cost Report (80 column)
- High Volume Report (80 column)
- Duplicate Entry Report (132 column)
- Standard Cost Report (132 column)

Obsolete Data Purge

AMIS Data Purge

Purge Dispensing Data

Note: The following three options are background jobs and should be scheduled through Taskman.

[PSGW PURGE INVENTORY]

[PSGW RE-INDEX AMIS]

[PSGW UPDATE AMIS STATS]

Inventory Sheet Print (132 column)

Single AOU Inventory Print (132 column)

Delete Inventory Date/Time

Input AOU Inventory

Pick List (132 column)

Enter/Edit Quantity Dispensed

On-Demand Requests

Enter/Edit On-Demand Request (80 column)

Delete an On-Demand Request

Print an On-Demand Report by Date/AOU (80 column)

Backorder Requests

Enter Backorders

Fill Requests for Backorder Items

AOU Backorder Report (80 column)

Current (ALL) Backorder Report (80 column)

Single Item Report (80 column)

Multiple Items Report (80 column)

Return Items for AOU

Crash Cart Menu

Enter/Edit Crash Cart Locations

Print Crash Cart Locations

Auto Replenishment Reports

List Stock Items (132 column)

Expiration Date Report (80 column)

Inventory Outline (80 column)

Ward/AOU List for an Item (80 column)

Item Activity Inquiry (80 column)

Percentage Stock On Hand (132 column)

Returns Analysis Report (80 column)

Usage Report for an Item (80 column)

Zero Usage Report (80 column)

Auto Replenishment/Ward Stock Nurses' Menu

Enter/Edit Nurses' On-Demand Request (80 column)

List Stock Items (132 column)

Ward/AOU List for an Item (80 column)

Package Operation Section

Chapter One: Supervisor's Menu

Supervisor's Menu [PSGW WARD STOCK MAINT]

This option supports activities to build and maintain the files needed to operate Automatic Replenishment/Ward Stock. It also contains the necessary options to prepare the files to collect AMIS (Automated Management Information System) reporting information, run the AMIS and other management reports, and purge the system of obsolete data.

There are currently four options on this menu. They include

Set Up AR/WS (Build Files)
Prepare AMIS Data
Management Reports
Obsolete Data Purge

The *Supervisor's Menu* option is locked. Access to the above four options is limited to those who are given the PSGWMGR key. The PSGWMGR key should be assigned to the Inpatient Pharmacy Package Coordinator and/or a designee.

Getting Out of an Option

To stop what you are doing, enter an up-arrow (^). You can use the up-arrow at any prompt to terminate the line of questioning and return to the previous level in the routine. Continue entering up-arrows to completely exit from the system.

1.0 Set Up AR/WS (Build Files) [PSGW SETUP]

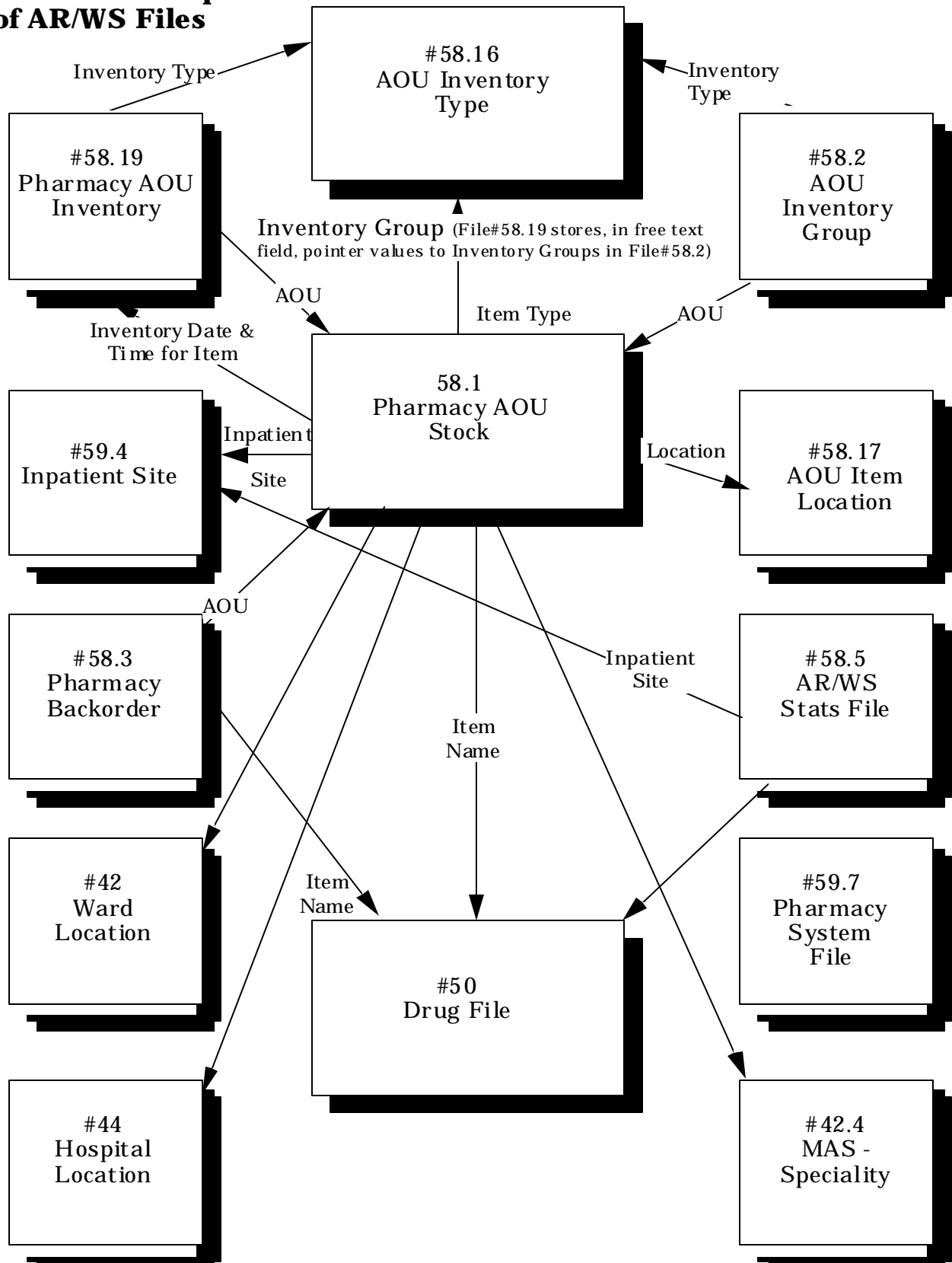
The *Set Up AR/WS (Build Files)* menu supports the management of files used during the initial set up of Automatic Replenishment/Ward Stock. It includes the creating, editing, listing, and deleting of data in the AR/WS files. You should be forewarned that it takes a considerable amount of time and effort to set up this module. Numerous worksheets and diagrams are provided to assist you in this endeavor.

There are currently 15 suboptions on this menu. They include

- Enter/Edit Inventory Types*
- Item Location Codes - Enter/Edit*
- Create the Area of Use*
- Stock Items - Enter/Edit*
- Expiration Date - Enter/Edit*
- Ward (For Item) Conversion*
- Add/Delete Ward (for Item)*
- Transfer AOU Stock Entries*
- Inactivate AOU*
- Inactivate AOU Stock Item*
- AOU Inventory Group - Enter/Edit*
- Print Set Up Lists . . .*
- Edit 'Person Doing Inventory'*
- Sort AOU's in Group*
- Site Parameters*

The diagram on the next page points out the interrelationships of AUTOMATIC REPLENISHMENT/WARD STOCK files. The AOU INVENTORY TYPE file entries must be defined first. These names are pointed to by two other files. AOU Item Location address codes should be established next. Five fields in the PHARMACY AOU STOCK file are "pointers" to the other files: ITEM points to the generic drug name from the DRUG file. TYPE is linked to the Type name from the AOU INVENTORY TYPE file, INPATIENT SITE points to the INPATIENT SITE file, WARD/LOCATION (FOR PERCENTAGE) points to the HOSPITAL LOCATION file, and LOCATION points to the address code from the AOU ITEM LOCATION file. The AOU field in the PHARMACY AOU STOCK file is pointed to by the AREA OF USE field from the AOU INVENTORY GROUP file. The AOU INVENTORY GROUP file, defined last, establishes inventory boundaries under an easy to remember group name.

**Interrelationships
of AR/WS Files**



1.1 Enter/Edit Inventory Types [PSGW INV TYPE EDIT]

This option is used to enter and edit the data in the AOU INVENTORY TYPE file (#58.16). Inventory types are used to classify the items in an Area of Use. Inventories in the Automatic Replenishment/Ward Stock module are defined around these inventory types. Each user defines his own types, the types may be as broad or as narrow as desired. For example, externals, oral solids, oral liquids, internals, and solutions and sets might all be inventory types. However, if you wish to break it down even further, you may. For example, if you wish to inventory externals that come in tubes separately from externals that do not come in tubes, you could create two inventory types: 1) external - tube, and 2) external - no tube.

Data must be entered into the following fields to set up the AOU INVENTORY TYPE file:

NAME:

Enter the name of an inventory type, i.e., injections, external, internal, oral liquid, or oral solid. This will be used to group items in each Area of Use.

TYPE DESCRIPTION:

Enter information that describes this inventory type. Make the definition as clear as possible (e.g., External at this site means...) This field is purely informational.

You must make your entries into the AOU INVENTORY TYPE file before editing any other files, because other files point to these entries.

All types are defined by you, with one exception. You *must* enter "ALL" as an inventory type. "ALL" is used when you wish to inventory all types on the same inventory sheet. Enter the name as "ALL", with a description of "Used to select all

Various printouts in the AR/WS module are sorted by the types defined in this file. The Inventory Sheet and Pick List sort by item location, and within location by type. The *Prepare AMIS Data* options present the drug items in order by type. Also, the *List Stock Items* option may be printed in order by type and location.

After inventory types have been entered, a printout of the file data may be obtained by using the *Print Inventory Types* option located on the *Print Set Up Lists* option on the *Set Up AR/WS (Build Files)* option.

Example: Enter/Edit Inventory Types

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: ENTER/Edit Inventory Types

Select AOU INVENTORY TYPE NAME: INJECTABLE

ARE YOU ADDING 'INJECTABLE' AS A NEW AOU INVENTORY TYPE (THE 1ST)? Y (YES)

NAME: INJECTABLE// <RET>

TYPE DESCRIPTION:

1>>DRUGS, EXCLUDING IV SOLUTIONS, WHICH ARE GIVEN BY INJECTION.

2> <RET>

EDIT Option: <RET>

Select AOU INVENTORY TYPE NAME: <RET>

1.2 Item Location Codes - Enter/Edit [PSGW ITEM LOC EDIT]

This option is used to enter and edit the data in the AOU ITEM LOCATION file (#58.17). Location codes identify the specific location of an item in an Area of Use. Up to 3 levels of coding are possible; thus from the code, it could be determined, for example, that an item is located in the medicine room, cabinet A, shelf 2. On the Inventory Sheet, items will be grouped together by item location.

Data must be entered into the following fields to set up the AOU ITEM LOCATION file:

ITEM ADDRESS CODE:

Enter the code (1 to 3 characters) that represents a portion of an item's location address in an Area of Use. This code is associated with an expansion for clarity.

CODE EXPANSION:

Enter the text that will clarify the meaning of the associated code. This field is primarily used for report information.

The following are examples of item address codes and code expansions that a site might use:

Item Address Code	Code Expansion
MCA	MEDICINE CABINET A
MCB	MEDICINE CABINET B
CUR	CLEAN UTILITY ROOM
D1	DRAWER 1
D2	DRAWER 2
B1	BIN 1
B2	BIN 2
MR	MEDICINE ROOM
NRC	NARCOTICS CABINET
RA	RACK A
RB	RACK B
REF	REFRIGERATOR
S1	SHELF 1
S2	SHELF 2

At the time that the AR/WS module is implemented, consideration should be given to establish uniformity and consistency within all Areas of Use, if possible. Determine a consistent way to code the locations. Be consistent in organizing the Areas, such as, always number or letter from left to right, and top to bottom, or in some other consistent fashion. This uniformity will allow new employees to locate items easier, and will enable one technician to more easily check another's wards during times of leave.

The diagram on the next page illustrates how the item address codes and expansions might be applied to a prototype AOU.

When item location codes have been entered, a printout of the data may be obtained by using the *List Location Codes* option located on the *Print Set Up Lists* option on the *Set Up AR/WS (Build Files)* option.

Example: Item Location Codes - Enter/Edit

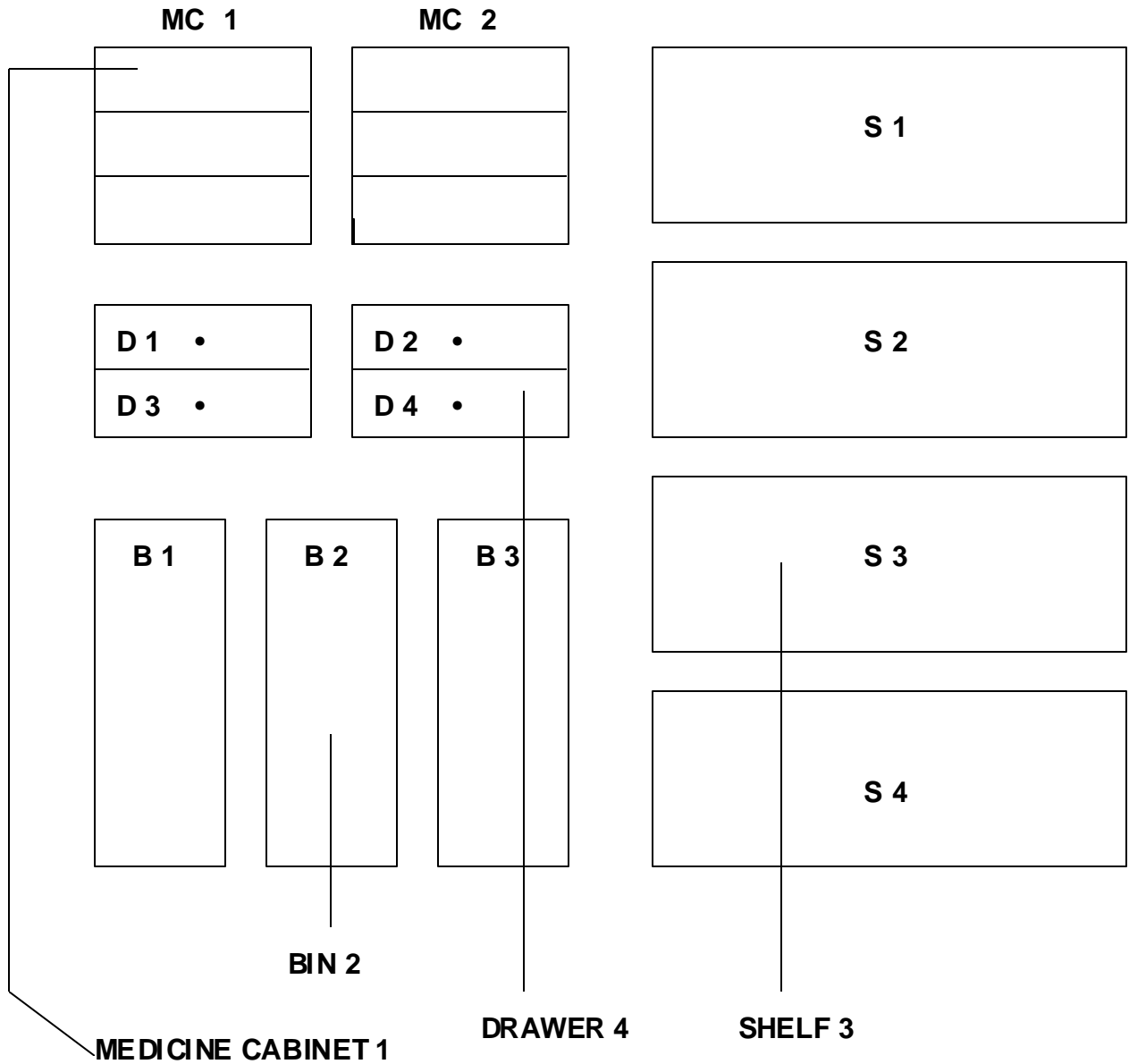
```
Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment
Enter AR/WS Inpatient Site Name: GENeral Hospital
Select Automatic Replenishment Option: SUPervisor's Menu
Select Supervisor's Menu Option: SET Up AR/WS (Build Files)
Select Set Up AR/WS (Build Files) Option: ITEM Location Codes - Enter/Edit
Select AOU ITEM LOCATION ITEM ADDRESS CODE: MR
  ARE YOU ADDING 'MR' AS A NEW AOU ITEM LOCATION (THE 1ST)? Y (YES)
  AOU ITEM LOCATION CODE EXPANSION: MEDICINE ROOM
ITEM ADDRESS CODE: MR// <RET>
CODE EXPANSION: MEDICINE ROOM// <RET>

Select AOU ITEM LOCATION ITEM ADDRESS CODE: CUR
  ARE YOU ADDING 'CUR' AS A NEW AOU ITEM LOCATION (THE 2ND)? Y (YES)
  AOU ITEM LOCATION CODE EXPANSION: CLEAN UTILITY ROOM
ITEM ADDRESS CODE: CUR// <RET>
CODE EXPANSION: CLEAN UTILITY ROOM// <RET>

Select AOU ITEM LOCATION ITEM ADDRESS CODE: <RET>
```

Item Address Code/Expansion

This diagram illustrates possible Item Address Codes and Expansions for a prototype Area of Use called Medication Room 1:



MEDICATION ROOM 1

1.3 Create the Area of Use [PSGW AREA OF USE EDIT]

An Area of Use is a place where commonly stocked items are stored for use by wards or treatment areas. An AOU may serve one or more wards or clinics. The purpose of this option is to create or edit the Areas of Use and their associated wards/locations/services.

Note: Some Areas of Use are not associated with a MAS ward or clinic. For these Areas, at the "Select WARD/LOCATION (FOR PERCENTAGE):" prompt, enter "^".

To set up PHARMACY AOU STOCK file (#58.1), data must be entered into the following fields using the *Create the Area of Use* option:

AREA OF USE:

Enter the name of the Area of Use. The area of use may represent a single ward, a combination of wards, or, as in the case of cardiac cath lab, no ward.

INPATIENT SITE:

Enter the name of the inpatient site (from the INPATIENT SITE file (#59.4)) that will receive credit for the AMIS Statistics for the AOU. It is *very important* that this field be defined if the AOU is to be counted on the AMIS Report.

RETURNS CREDITED TO:

For AMIS purposes, identify the usual method of drug distribution for this AOU. All returns from the AOU will be credited to this usual method on the AMIS report. Select (A) automatic replenishment, or (W) ward stock - on-demand. Leave the field blank if the AOU is used for internal Inpatient Pharmacy inventory purposes.

COUNT ON AMIS?:

Some AOUs are created for internal Inpatient Pharmacy inventory purposes and should not be included in the AMIS report. If you answer "YES", then this AOU will be counted on AMIS, if you answer "NO", then no data is collected for AMIS calculation.

ASK EXPIRATION DATE?:

It may be necessary to frequently change expiration date data for some AOUs such as crash carts. If you answer "YES" to this question then users will be prompted for expiration dates for items in the AOU when entering on-demands or quantities dispensed. If you answer "NO" to this question then users may edit the expiration date for items through the option *Expiration Date - Enter/Edit*.

Supervisor's Menu

CRASH CART FLAG:

This field will be set to "1" (for "YES") if this area of use is a crash cart. This flag will be used as a screen to list only crash carts for the option *Enter/Edit Crash Cart Locations*.

CRASH CART LOCATION:

This field used to record the location of an area of use that is a crash cart. This field will be printed on the Expiration Date report and will be updated in the option *Enter/Edit Crash Cart Locations*.

WARD/LOCATION (FOR PERCENTAGE):

Enter the name of the MAS location (ex. ward or clinic) that is served partially or totally by this Area of Use. If the AOU is *not* composed of any locations, enter "^" at this prompt. This field is a pointer to the MAS HOSPITAL LOCATION file (#44).

WARD/LOCATION % OF USE:

What percentage of the items in the AOU will be used by this ward/location? Enter the percentage.

SERVICE:

Enter the name of the service served partially or totally by this ward/location. This field is a pointer to the SPECIALTY file in the MAS package. There can be multiple services per ward/location.

SERVICE % OF USE:

Enter the percentage which represents the use of space by this service. This is the percentage of the ward/location used by the service. For example, if 16 of the 40 beds on a ward are used by one service, then the service percentage of use is 40%.

Again, it is important to realize that there is a difference between the MAS and Pharmacy definitions for Ward and Service. There may be more than one MAS ward on one physical ward. For example, for purposes of admission, discharge, and transfer, physical ward "2B" may be broken down into "2B General Surgery" and "2B Neurosurgery". This package uses the MAS ward definition (and clinic definition) from the HOSPITAL LOCATION file, and the MAS service definition from the SPECIALTY file. It may be useful to contact the MAS Package Coordinator or refer to the Gains and Losses Sheet for specific information.

The diagram on page 22 illustrates how an Area of Use might be defined in a prototype hospital. The worksheet found on page 23 may be useful in organizing the wards/locations and services for creating the Areas of Use. It is essential that

the percentages for the wards/locations in an Area of Use should equal 100%, and that the percentages for the services on a ward/location equal 100%. The "Cost Report Per AOU" printout uses these percentages in calculating the breakdown cost per ward/location and cost per service.

When the Areas of Use have been created, a printout of the data may be obtained by using the *Show AOU/Ward-Location/Service* option.

Example 1: AOU with associated wards

```
Select INPATIENT PHARMACY MENU Option: AUTOMATIC Replenishment
Enter AR/WS Inpatient Site Name: GENeral Hospital
Select Automatic Replenishment Option: SUPervisor's Menu
Select Supervisor's Menu Option: SET Up AR/WS (Build Files)
Select Set Up AR/WS (Build Files) Option: CREATE the Area of Use
Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1
  ARE YOU ADDING 'MED ROOM 1' AS A NEW PHARMACY AOU STOCK (THE 1ST)? Y (YES)
AREA OF USE (AOU): MED ROOM 1// <RET>
INPATIENT SITE: GENeral Hospital
RETURNS CREDITED TO: A AUTOMATIC REPLENISHMENT
COUNT ON AMIS?: YES
ASK EXPIRATION DATE?: YES
CRASH CART FLAG: YES
CRASH CART LOCATION: 1 NORTH
Select WARD/LOCATION (FOR PERCENTAGE): 1 WEST
  ARE YOU ADDING '1 WEST' AS A NEW WARD (THE 1ST FOR THIS PHARMACY AOU
STOCK)? Y (YES)
  WARD/LOCATION % OF USE: 50
  Select SERVICE: GENERAL SURGERY
  ARE YOU ADDING 'GENERAL SURGERY' AS A NEW SERVICE (THE 1ST FOR THIS
WARD)? Y (YES)
    SERVICE % OF USE: 75
    Select SERVICE: ENT
    ARE YOU ADDING 'ENT' AS A NEW SERVICE (THE 2ND FOR THIS WARD)? Y (YES)
    SERVICE % OF USE: 25
    Select SERVICE: <RET>
Select WARD/LOCATION (FOR PERCENTAGE): 1 NORTH
  ARE YOU ADDING '1 NORTH' AS A NEW WARD (THE 2ND FOR THIS PHARMACY AOU
STOCK)? Y (YES)
  WARD/LOCATION % OF USE: 50
  Select SERVICE: ALCOHOL TREATMENT
  ARE YOU ADDING 'ALCOHOL TREATMENT' AS A NEW SERVICE (THE 1ST FOR THIS
WARD)? Y (YES)
    SERVICE % OF USE: 50
    Select SERVICE: DRUG TREATMENT
```

Supervisor's Menu

ARE YOU ADDING 'DRUG TREATMENT' AS A NEW SERVICE (THE 2ND FOR THIS WARD)? Y (YES)

SERVICE % OF USE: 50

Select SERVICE: <RET>

Select WARD/LOCATION (FOR PERCENTAGE): <RET>

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Example 2: AOU with associated clinics

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 3

ARE YOU ADDING 'MED ROOM 3' AS A NEW PHARMACY AOU STOCK (THE 3RD)? Y (YES)

AREA OF USE (AOU): MED ROOM 3// <RET>

INPATIENT SITE: GENeral Hospital

RETURNS CREDITED TO: W WARD STOCK - ON DEMAND

COUNT ON AMIS?: YES

ASK EXPIRATION DATE?: YES

CRASH CART FLAG: NO

Select WARD/LOCATION (FOR PERCENTAGE): DERMATOLOGY

ARE YOU ADDING 'DERMATOLOGY' AS A NEW WARD (THE 1ST FOR THIS PHARMACY AOU STOCK)? Y (YES)

WARD/LOCATION % OF USE: 33

Select SERVICE: DERMATOLOGY

ARE YOU ADDING 'DERMATOLOGY' AS A NEW SERVICE (THE 1ST FOR THIS WARD)? Y (YES)

SERVICE % OF USE: 100

Select SERVICE: <RET>

Select WARD/LOCATION (FOR PERCENTAGE): ORTHO

ARE YOU ADDING 'ORTHO' AS A NEW WARD (THE 2ND FOR THIS PHARMACY AOU STOCK)? Y (YES)

WARD/LOCATION % OF USE: 33

Select SERVICE: ORTHOPEDIC

ARE YOU ADDING 'ORTHOPEDIC' AS A NEW SERVICE (THE 1ST FOR THIS WARD)? Y (YES)

SERVICE % OF USE: 60

Select SERVICE: PODIATRY

ARE YOU ADDING 'PODIATRY' AS A NEW SERVICE (THE 2ND FOR THIS WARD)? Y (YES)

SERVICE % OF USE: 40

Select SERVICE: <RET>

Select WARD (FOR PERCENTAGE): REHAB

ARE YOU ADDING 'REHAB' AS A NEW WARD (THE 3RD FOR THIS PHARMACY AOU STOCK)? Y (YES)

WARD/LOCATION % OF USE: 34

Select SERVICE: ALCOHOL TREATMENT

ARE YOU ADDING 'ALCOHOL TREATMENT' AS A NEW SERVICE (THE 1ST FOR THIS WARD)? Y (YES)

SERVICE % OF USE: 10

Select SERVICE: DRUG TREATMENT

ARE YOU ADDING 'DRUG TREATMENT' AS A NEW SERVICE (THE 2ND FOR THIS WARD)? Y (YES)

SERVICE % OF USE: 60
Select SERVICE: SUBSTANCE ABUSE
ARE YOU ADDING 'SUBSTANCE ABUSE' AS A NEW SERVICE (THE 3RD FOR THIS
WARD)? Y (YES)
SERVICE % OF USE: 30
Select SERVICE: <RET>
Select WARD/LOCATION (FOR PERCENTAGE): <RET>

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Example 3: AOU with NO associated wards

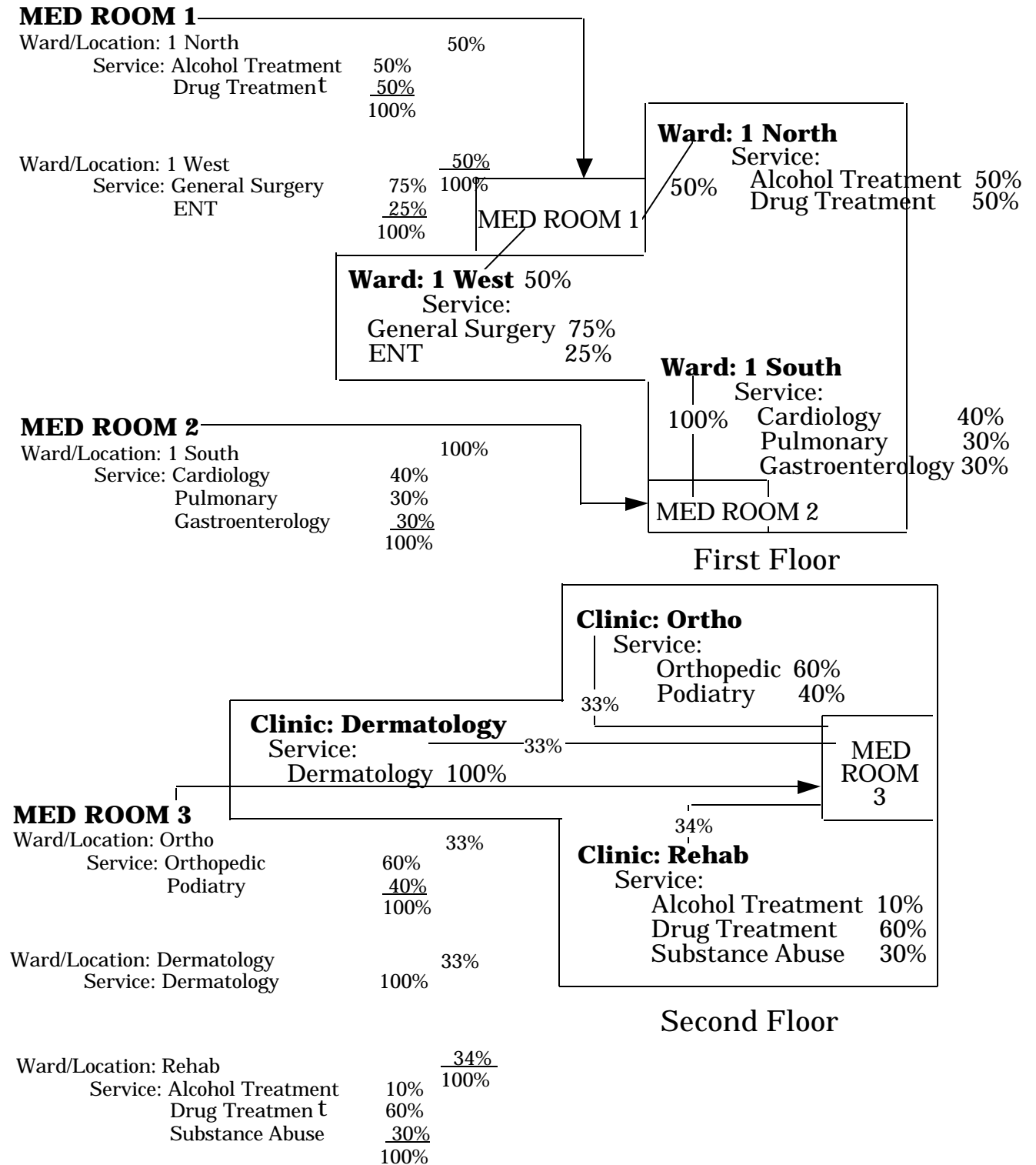
Select Set Up AR/WS (Build Files) Option: CREATE the Area of Use

Select PHARMACY AOU STOCK AREA OF USE (AOU): DENTAL CLINIC
ARE YOU ADDING 'DENTAL CLINIC' AS A NEW PHARMACY AOU STOCK (THE 4TH)? Y (YES)
AREA OF USE (AOU): DENTAL CLINIC// <RET>
RETURNS CREDITED TO: W WARD STOCK - ON DEMAND
COUNT ON AMIS?: YES
ASK EXPIRATION DATE?: YES
CRASH CART FLAG: NO
Select WARD/LOCATION (FOR PERCENTAGE): ^

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Define the Area of Use

This diagram illustrate how 3 Areas of Use may be defined in a prototype hospital.



Prototype Hospital - AOU: Medication Rooms

Worksheet for Creating the Area of Use

AOU Name: _____

Inpatient Site: _____

Ward Location: _____ % of AOU: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

100%

Ward Location: _____ % of AOU: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

100%

Ward Location: _____ % of AOU: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

100%

Ward Location: _____ % of AOU: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

100%

Ward Location: _____ % of AOU: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

100%

Ward Location: _____ % of AOU: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

Service: _____ % of Ward/Loc: _____

100%

100%

1.4 Stock Items - Enter/Edit [PSGW EDIT AOU STOCK]

Using this option, you may enter or edit the list of items to be stocked in an Area of Use. This is the most time consuming part of setting up the package. You may wish to begin by entering all items that Nursing is accustomed to stocking for the AOU. However, the AR/WS package can be used to trim this stock list to only those items and stock levels that are actually used. The Usage Report for an Item, Zero Usage Report, and Returns Analysis Report will supply information for this purpose.

To set up PHARMACY AOU STOCK file (#58.1), data must be entered into the following fields using the *Stock Items - Enter/Edit* option:

AREA OF USE:

Enter the name of the Area of Use.

Note: When an item has been entered for the AOU, the AOU *may not be deleted!* Because of the extensive pointers involved, deletion is not allowed.

ITEM:

Enter the generic name (from the DRUG file) of the item being stocked in the Area of Use. Items *may not be deleted* from an Area of Use. Because of the extensive pointers involved, if an item is no longer used in an AOU, it should be *inactivated* using the *Inactivate AOU Stock Item* option.

STOCK LEVEL:

Enter the quantity that is the determined stock level for this item in the AOU.

REORDER LEVEL:

Enter the level of the on-hand amount that should be reached before this item is dispensed. This is an optional field and may be left blank if so desired.

MINIMUM QUANTITY TO DISPENSE:

Enter the quantity that is the least amount of the item that can be dispensed. For example, if an item is to be dispensed only in packages of 6 units, then the minimum quantity to dispense for the item would be 6. This field is optional and may be left blank if so desired.

TYPE:

Inventory types are used to select groups of items for inventory. Enter the name of the type of inventory which will include this item. You may enter more than one type. This will allow the item

to be selected for inventory by either type. The inventory type must be defined in AOU INVENTORY TYPE file (# 58.16).

Supervisor's Menu

LOCATION:

Location should be composed of ITEM ADDRESS CODES from AOU ITEM LOCATION file (#58.17). Enter an address describing the location of this item in the AOU. It should consist of up to 3 levels separated by commas. For example, "MR,CA,S3" could equal "medicine room, cabinet A, shelf 3". Each of the 3 levels should further define the exact location. Only up to 3 levels will be utilized to sort AOU items on inventory sheets and other reports. The reports will be sorted primarily by the first level defined, and then by subsequent levels.

WARD (FOR ITEM):

Enter the name of the ward or wards (from the WARD LOCATION file in the MAS program) that will use this particular item. It is important to accurately answer this prompt because this is the link between the AR/WS package and the Unit Dose package. The Unit Dose package looks at this field to know if the drug is a Ward Stock item. Enter only those wards associated with this Area of Use.

The sample and worksheet found on pages 27 - 28 may be used to help determine inventory to be stocked in each AOU.

After all items are entered for an AOU, a printout of the data may be obtained by using the *List Stock Items* option.

Example 1: Stock Items - Enter/Edit

```
Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment
Enter AR/WS Inpatient Site Name: GENeral Hospital
Select Automatic Replenishment Option: SUPervisor's Menu
Select Supervisor's Menu Option: SET Up AR/WS (Build Files)
Select Set Up AR/WS (Build Files) Option: STOCK Items - Enter/Edit
Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1
Select ITEM: BACITRACIN OINTMENT (1OZ)
  ARE YOU ADDING 'BACITRACIN OINTMENT (1OZ)' AS A NEW ITEM (THE 1ST FOR THIS
  PHARMACY AOU STOCK)? Y (YES)
  ITEM STOCK LEVEL: 3
  ITEM LOCATION: MR,CA,S1
STOCK LEVEL: 3// <RET>
REORDER LEVEL: 1
MINIMUM QUANTITY TO DISPENSE: 2
Select TYPE: EXTERNAL (TOPICAL)
Select TYPE: <RET>
LOCATION: MR,CA,S1// <RET>
```

```

Select WARD (FOR ITEM): 1 NORTH// 1 WEST
Select WARD (FOR ITEM): <RET>
Select ITEM: PHENYTOIN 250MG SYRINGE
  ARE YOU ADDING 'PHENYTOIN 250MG SYRINGE' AS A NEW ITEM (THE 2ND FOR THIS
  PHARMACY AOU STOCK)? Y (YES)
    ITEM STOCK LEVEL: 2
    ITEM LOCATION: MR,CC,S1
  STOCK LEVEL: 2// <RET>
  REORDER LEVEL: 1
  MINIMUM QUANTITY TO DISPENSE: 1
  Select TYPE: INJECTABLE
  Select TYPE: <RET>
  LOCATION: MR,CC,S1// <RET>
  Select WARD (FOR ITEM): 1 NORTH// 1 WEST
  Select WARD (FOR ITEM): <RET>
  Select ITEM: <RET>

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

```

Example 2: Non-Pharmacy Items in AR/WS

Non-Pharmacy packages, such as Surgery, have the ability to flag certain drugs in the DRUG file (#50) for their exclusive use. This is accomplished by putting a package specific code in the DRUG file field called APPLICATION PACKAGES' USE. Drugs that are flagged for non-pharmacy packages are *not* selectable by AR/WS for on-demands or to be used as stock items in AOU. It is possible, however, for non-pharmacy packages to flag drugs *after* they have been defined in an AOU. This can cause a very confusing situation for AR/WS users when they are unable to do an on-demand request on the drug in question. The following is an example of what they would see if they try to look at the drug through the option *Stock Items - Enter/Edit*:

```

Select Set Up AR/WS (Build Files) Option: STOCK Items - Enter/Edit

Select PHARMACY AOU STOCK AREA OF USE (AOU): DRUG CLOSET
Select ITEM: DIAZEPAM
  ...OK? YES// Y (YES)
    MR,C1,S1

    This item is currently defined for this AOU but appears to be a
    non-pharmacy drug. It has been inactivated as of Nov 1,1993.

Select ITEM: <RET>

```

At this point it would be necessary for pharmacy to determine if the drug is truly a non-pharmacy item, in which case it should remain inactivated in the AOU. It will eventually be purged from the AOU by the option *Purge Dispensing Data*. If, however, pharmacy determines that the drug has been incorrectly flagged by the non-pharmacy package it will be necessary to have that package remove the non-pharmacy code from the field APPLICATION PACKAGES' USE in the DRUG file.

Sample Worksheet:

PHARMACY AOU STOCK File Worksheet

Make copies of this worksheet to help determine inventory to be stocked in each AOU.
For each AOU, list all drugs to be stocked.

AOU: Med Room 1

Select Item: Bacitracin Ointment (1oz)
Stock Level: 3
Reorder Level: 1
Min. Qty. To Dispense: 2
Select Type: External (Topical)
Location: MR, CA, S1
Ward(For Item): 1 West, 1 North

Select Item: Phenytoin 250mg Syringe
Stock Level: 2
Reorder Level: 1
Min. Qty. To Dispense: 6
Select Type: Injectable
Location: MR, CC, S1
Ward(For Item): 1 West, 1 North

Select Item: Keto-Diastix Strips (100's)
Stock Level: 2
Reorder Level: 1
Min. Qty. To Dispense: 3
Select Type: Reagent/Test Item
Location:MR, CB, S1
Ward(For Item): 1 West, 1 North

Select Item: Kaolin and Pectin Suspension (16 oz BT)
Stock Level: 3
Reorder Level: 1
Min. Qty. To Dispense: 1
Select Type: Internal (Oral Liquid)
Location: MR, CC, S1
Ward(For Item): 1 West, 1 North

Select Item: Milk of Magnesia 480ml
Stock Level: 3
Reorder Level: 1
Min. Qty. To Dispense: 3
Select Type: Oral Liquid
Location: MR, CC, S4

Ward(For Item): 1 West, 1 North

PHARMACY AOU STOCK File Worksheet

Make copies of this worksheet to help determine inventory to be stocked in each AOU.
For each AOU, list all drugs to be stocked.

AOU: _____

Select Item: _____

Stock Level: _____

Reorder Level: _____

Min. Qty. To Dispense: _____

Select Type: _____

Location: _____

Ward(For Item): _____

Select Item: _____

Stock Level: _____

Reorder Level: _____

Min. Qty. To Dispense: _____

Select Type: _____

Location: _____

Ward(For Item): _____

Select Item: _____

Stock Level: _____

Reorder Level: _____

Min. Qty. To Dispense: _____

Select Type: _____

Location: _____

Ward(For Item): _____

Select Item: _____

Stock Level: _____

Reorder Level: _____

Min. Qty. To Dispense: _____

Select Type: _____

Location: _____

Ward(For Item): _____

Select Item: _____

Stock Level: _____

Reorder Level: _____

Min. Qty. To Dispense: _____

Select Type: _____

Location: _____

Ward(For Item): _____

1.5 Expiration Date - Enter/Edit [PSGW EXPIRATION ENTER/EDIT]

This option is used to enter expiration dates for stock items in the PHARMACY AOU STOCK file (#58.1). This field, when defined, will be displayed on Inventory Sheets and printouts of On-Demand Requests.

Example: Expiration Date - Enter/Edit

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: EXPIRation Date - Enter/Edit

Enter Expiration Dates for Stock Items

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select ITEM: ACETAMINOPHEN TAB 325 MG

EXPIRATION DATE: 2/1/91 (FEB 01, 1991)

Select ITEM: <RET>

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

1.6 Ward (For Item) Conversion [PSGW WARD CONVERSION]

This option will allow the mass conversion of the WARD (FOR ITEM) field for all items in a single AOU, several AOU's, or ALL AOU's from a selected *old* ward designation to a *new* ward designation. This capability was designed especially for situations like the closing of a ward for construction. It would be too time consuming to edit the WARD (FOR ITEM) field for each item in an AOU individually, especially when the Ward closing will only be temporary.

This option may be queued to run as a background job at a later time. When the job is complete, a MailMan message will be sent to the user who queued the job, listing the number of AOU(s) and stock items that were converted. In the following example, a ward (2 WEST) that has been inactivated by MAS will be replaced by a new ward (2 EAST) for MED ROOM 3.

Note: Selection of the *new* ward will be limited to active Wards only.

Example: Ward (For Item) Conversion

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: WARD (For Item) Conversion

This routine will allow you to do a mass conversion of all items in an active AOU from an old Ward designation to a new Ward designation.

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 3

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Select OLD WARD: 2 WEST

Select NEW WARD: 2 EAST

Do you want to queue this job? YES// <RET>

You will notified by MailMan when the job is completed.

Requested Start Time: NOW// [Enter the date/time you want to queue the job to run]

Select Set Up AR/WS (Build Files) Option: <RET>

Example: MailMan message for Ward (For Item) Conversion

Subj: AR/WS MASS WARD CONVERSION SUMMARY [#21111] 10 Jun 93 10:23 6 lines
From: INPATIENT PHARMACY AR/WS in 'IN' basket. Page 1 **NEW**

AR/WS Ward Conversion Background job has run to completion.
Run Date: JUN 10,1993

Old Ward: 2 WEST converted to New Ward: 2 EAST
Total number of AOU's converted: 1
Total number of Stock Items converted: 15

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

Supervisor's Menu

1.7 Add/Delete Ward (for Item) [PSGW ADD/DEL WARD]

This option is similar to the option to do mass Ward (for Item) conversions except that in this case the user can ADD or DELETE a Ward (for Item) assignment for all stock items in one, several, or all active AOU's.

If the user chooses to queue this as a background job, a MailMan message is sent to the user when the job is complete.

Example 1: Addition of a Ward (for Item) assignment

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: ADD/Delete Ward (for Item)

This option will allow you to add or delete a WARD (for Item) assignment for all stock items in one or more ACTIVE AOU's.

Do you wish to (A)dd or (D)elete? (Enter 'A', 'D', or '^' to Exit)=> ADD

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 2

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Select Ward (for Item) to ADD: 1 EAST

Do you want to queue this job? YES// Y (YES)

You will be notified by MailMan when the job is completed.

Requested Start Time: NOW// *[Enter the date/time you want to queue the job to run]*

Select Set Up AR/WS (Build Files) Option: <RET>

[An example of the MailMan message follows on the next page.]

Example: MailMan message for Addition of a Ward (For Item) assignment

Subj: AR/WS WARD (FOR ITEM) ADDITION SUMMARY [12222] 10 Jun 93 10:26 5 Lines
From: INPATIENT PHARMACY AR/WS in 'IN' basket. Page 1 **NEW**

AR/WS WARD (For Item) ADDITION Background job has run to completion.
Run Date: JUN 10,1993

WARD (For Item) assignment of 1 EAST has been Added to:
Total AOU(s): 1 Total Stock Items: 26

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

Supervisor's Menu

Example 2: Deletion of a Ward (for Item) assignment

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: ADD/Delete Ward (for Item)

This option will allow you to add or delete a WARD (for Item) assignment for all stock items in one or more ACTIVE AOU's.

Do you wish to (A)dd or (D)elete? (Enter 'A', 'D', or '^' to Exit)=> DELETE

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> I

Select AOU INVENTORY GROUP NAME: SECOND FLOOR

This Inventory Group contains the following AOU(s):

MED ROOM 1
MED ROOM 2
DRUG CLOSET

Select Ward (for Item) to DELETE: 1 EAST

Do you want to queue this job? YES// Y (YES)

You will be notified by MailMan when the job is completed.

Requested Start Time: NOW// *[Enter the date/time you want to queue the job to run.]*

Select Set Up AR/WS (Build Files) Option: <RET>

[An example of the MailMan message follows.]

Example: MailMan message for Deletion of a Ward (For Item) assignment

Subj: AR/WS WARD (FOR ITEM) DELETION SUMMARY 10 Jun 93 13:18 5 Lines
From: INPATIENT PHARMACY AR/WS in 'IN' basket. Page 1 **NEW**

AR/WS WARD (For Item) DELETION Background job has run to completion.
Run Date: JUN 10,1993

WARD (For Item) assignment of 1 EAST has been Deleted from:
Total AOU(s): 1 Total Stock Items: 26

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

1.8 Transfer AOU Stock Entries [PSGW TRANSFER ENTRIES]

This option is locked with the PSGW TRAN key, and *only* the Inpatient Pharmacy Package Coordinator or a designee should be assigned the key.

This option will copy the active stock entries from a selected Area of Use into one or more selected Areas. The ability to copy stock entries could be useful in at least three cases. First of all, for stations setting up AR/WS initially, you could establish a "Master" AOU with standard items which will be stocked by ALL AOU's. Using the transfer option, these items could then be copied into all Areas. You would then have to edit each item in each AOU to enter the stock level, type, ward (for item), and location. A second application might be for the creation of crash carts or after-hours dispensing machines, i.e., DOCUMED. These are likely to have identical stock items, stock levels, and location codes. Therefore, after one has been created, the transfer option could be used to clone all others. A final use for the option would be for adding new items to a number of Areas of Use. For example, the option would be useful if an item has been recently approved by the FDA, and has been added to your formulary. Using the transfer option, you could add this item (or group of items) to a selected group of Areas of Use.

As many as ten Areas may be chosen to be transferred into at one time. Also, there is a choice as to exactly what is copied. You may choose (1) to transfer only the item name, (2) to transfer the item name, stock level and location code, or (3) to transfer item name, stock level, location code, and ALL types. The copy process will not copy inactive drugs or duplicate entries. Thus, if an Area of Use already contains Bacitracin Ointment 1OZ, and that item is in the "Master" AOU, the item will not be duplicated.

After you have selected the AOU to be transferred from, and the Area or Areas to be transferred into, the actual transfer takes place in a background job which is automatically queued. The amount of time needed to complete the transfer depends upon the number of items to be copied and the number of Areas to be "copied into". When the transfer is complete, you will be notified by a MailMan message. You may then go into the AOU and edit, as mentioned above, if necessary.

Example: Transfer AOU Stock Entries

Select INPATIENT PHARMACY MENU Option: **AUTOM**atic Replenishment

Enter AR/WS Inpatient Site Name: **GEN**eral Hospital

Select Automatic Replenishment Option: **SUP**ervisor's Menu

Select Supervisor's Menu Option: **SET** Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: **TRANS**fer AOU Stock Entries

This option will copy the stock entries from one AOU into AOU's you select. Inactive or duplicate items will not be transferred. Choosing to copy stock items into multiple AOU's will allow you to choose up to 10 AOU's at one time.

Supervisor's Menu

Do you wish to copy stock items INTO:

- (1) ONE Area of Use, or
- (2) multiple Areas of Use

Select "1" or "2": 2

Do you wish to transfer:

- (1) Drug (item) name only, or
- (2) Drug name, stock level, and location, or
- (3) Drug name, stock level, location, and type.

Select "1", "2", or "3": 2

Select AOU to transfer stock list FROM: MASTER CRASH CART

Select AOU to transfer stock list INTO: FIRST FLOOR CRASH CART

Select AOU to transfer stock list INTO: SECOND FLOOR CRASH CART

Select AOU to transfer stock list INTO: <RET>

I will now COPY the ENTIRE stock list from
MASTER CRASH CART into
FIRST FLOOR CRASH CART
SECOND FLOOR CRASH CART

I will transfer drug name, stock level, and location.

Are you SURE that is what you want to do? NO// YES

This job will automatically be queued to run in the background.
You will be notified by MailMan when the transfer is completed.

TRANSFER FILE ENTRIES queued!

[An example of the MailMan message follows.]

Example: MailMan Message for Transfer AOU Stock Entries

Subj: AR/WS AOU ENTRY TRANSFER COMPLETED [#12495] 10 Jun 93 10:32 3 Lines
From: INPATIENT PHARMACY AR/WS in 'IN' basket. Page 1 **NEW**

Stock items from MASTER CRASH CART have been transferred into:
FIRST FLOOR CRASH CART
SECOND FLOOR CRASH CART

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

1.9 Inactivate AOU [PSGW AOU INACTIVATION]

Use this option to inactivate AOU's in the PHARMACY AOU STOCK file (#58.1). This function will enable the user to be informed of an AOU's inactivation when they attempt to choose the AOU or do a look-up listing of AOU's. Inactive AOU's will be excluded from Stock Item Listings and Zero Usage reports that are done on ALL AOU's. Please note that an *inactive* AOU will be included on reports covering a period of time when the AOU was *active* and had activity. On-Demand Requests will not be permitted for inactive AOU's, however, activity that is tied to an Inventory Date/Time such as inputting quantity dispensed and returns will be allowed since an inventory sheet may have been created before the AOU was inactivated. Under these circumstances, though, the AOU name will be displayed with an "**** INACTIVE

AOU's are inactivated by entering a date that can be past, present, or future.

Example: Inactivate AOU

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: INACTIVATE AOU

Enter AOU Inactivation Dates

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 3

INACTIVE DATE: 12/2/93 (DEC 02, 1993)

...One moment, please...

There are items in this AOU that are currently active.
You may, at this time, inactivate all of them as of DEC 2,1993.

Do you want to do this? YES// <RET> (YES)

Now inactivating all currently active items as of DEC 2,1993..

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Supervisor's Menu

1.10 Inactivate AOU Stock Item [PSGW INACTIVATE AOU STOCK ITEM]

Use this option to inactivate an item that is currently stocked in an Area of Use. Items should *not be deleted*, but simply made inactive. Inactivated items will not be included on the inventory sheet or on the AOU stock list. However, after an item has been inactivated, it will print one final time on the inventory sheet. At that time, a message will indicate that the item has been inactivated and should be pulled from stock.

After selecting the Area of Use and the item, this option asks you to enter the inactivation date. Enter the date, e.g., "T". Finally, you are asked for an inactivation reason. The reason may be item not used, item deleted from formulary, or other, a free text reason you enter.

To reactivate the item use this option and delete the inactive date.

Example: Inactivate AOU Stock Item

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: INACTIVATE AOU STOCK ITEM

You may inactivate a Stock Item for a single AOU, or enter "^ALL" to inactivate the Item in ALL AOU's.

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select ITEM: PHENYTOIN 250MG SYRINGE

...OK? YES// Y (YES)

MR,CC,S1

INACTIVATION DATE: T (JAN 26, 1993)

INACTIVATION REASON: ??

This contains the reason that the item has been inactivated from the list of items normally stocked in this Area of Use.

CHOOSE FROM:

N NOT USED

O OTHER

DF DELETED FROM FORMULARY

INACTIVATION REASON: N NOT USED

Select ITEM: BACITRACIN OINTMENT (1OZ)

...OK? YES// Y (YES)

MR,CA,S1

INACTIVATION DATE: T (JAN 26, 1993)

INACTIVATION REASON: O OTHER

INACTIVATION REASON (OTHER): *[Enter your free text reason here.]*

Select ITEM: <RET>

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

1.11 AOU Inventory Group-Enter/Edit [PSGW AOU INV GROUP EDIT]

An AOU Inventory Group is defined by pharmacy to represent the Areas which are inventoried together as a "batch" or "cluster". By grouping the commonly inventoried AOU's under an easy to remember group name, the elements of the inventory are established, and do not have to be redefined every time the inventory is scheduled.

AOU Inventory Groups may be established to reflect variations at the VAMC. Inventories may be grouped by: 1) location - for example, Emergency Room, clinic or ward. 2) time - when the inventory takes place, e.g., "Monday Day Shift", "M-W-F/Evenings". 3) category or "type" of item to be inventoried, e.g., IV solutions & sets, narcotics, or bulk externals. Also, a Group could include any combination of the following categories.

Data must be entered into the following fields to set up AOU INVENTORY GROUP file (#File 58.2):

NAME:

Enter the name of the inventory group. The name cannot be more than 30 characters, and cannot begin with punctuation. A name may typically include the name of the Tech who performs inventory, day of week of inventory, ward or AOU involved, and/or types.

AREA OF USE: (Required Field)

Enter the name of the AOU that is to be inventoried when selecting this inventory group. The AOU must have been defined in PHARMACY AOU STOCK file (#58.1) via the *Create the Area of Use* option.

INVENTORY TYPE: (Required Field)

Enter the inventory type that is to be inventoried within the AOU. More than one inventory type can be entered. The inventory types must have been previously defined in AOU INVENTORY TYPE file (#58.16) by using the *Enter/Edit Inventory Types* option. If all items within an AOU are to be inventoried, you may specify "ALL" as an inventory type or if you prefer, you may enter each type individually. If you enter "ALL", when the inventory sheet prints, the type names are suppressed and do not show. If you want the type names to show on the inventory sheet, then you should list all of the inventory types to be inventoried within the AOU.

GROUP DESCRIPTION:

Enter text that describes this inventory group, its use, and perhaps the times when normally processed. This field is purely informational.

Supervisor's Menu

The diagram on page 42 shows a prototype AOU Inventory Group and how it relates to the Areas of Use, wards, and services.

You may get a printout of the data entered for your AOU Inventory Groups by using the *Inventory Group List* option.

Example: AOU Inventory Group-Enter/Edit

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: AOU Inventory Group-Enter/Edit

Select AOU INVENTORY GROUP NAME: FIRST FLOOR (M-W-F)

ARE YOU ADDING 'FIRST FLOOR (M-W-F)' AS A NEW AOU INVENTORY GROUP (THE 1ST)? Y (YES)

NAME: FIRST FLOOR (M-W-F)// <RET>

GROUP DESCRIPTION:

1>INVENTORY IS FOR ALL TYPES FOR MED ROOM 1 AND 2, CONDUCTED M,W,&F.

2> <RET>

EDIT Option: <RET>.

Select AREA OF USE (AOU): MED ROOM 1

ARE YOU ADDING 'MED ROOM 1' AS A NEW AREA OF USE (AOU) (THE 1ST FOR THIS AOU INVENTORY GROUP)? Y (YES)

Select INVENTORY TYPE: INJECTABLE

Select INVENTORY TYPE: EXTERNAL (TOPICAL)

Select INVENTORY TYPE: INTERNAL (ORAL LIQUID)

Select INVENTORY TYPE: INTERNAL (ORAL SOLID)

Select INVENTORY TYPE: SOLUTION, IRRIGATION

Select INVENTORY TYPE: SOLUTION, IV

Select INVENTORY TYPE: REAGENT/TEST ITEM

Select INVENTORY TYPE: SUPPOSITORY

Select INVENTORY TYPE: INHALER (ORAL, NASAL)

Select INVENTORY TYPE: OPHTHALMIC, OTIC

Select INVENTORY TYPE: <RET>

Select AREA OF USE (AOU): MED ROOM 2

ARE YOU ADDING 'MED ROOM 2' AS A NEW AREA OF USE (AOU) (THE 2ND FOR THIS AOU INVENTORY GROUP)? Y (YES)

Select INVENTORY TYPE: INJECTABLE

Select INVENTORY TYPE: EXTERNAL (TOPICAL)

Select INVENTORY TYPE: INTERNAL (ORAL LIQUID)

Select INVENTORY TYPE: INTERNAL (ORAL SOLID)

Select INVENTORY TYPE: SOLUTION, IRRIGATION

Select INVENTORY TYPE: SOLUTION, IV

Select INVENTORY TYPE: REAGENT/TEST ITEM

Select INVENTORY TYPE: SUPPOSITORY

Select INVENTORY TYPE: INHALER (ORAL, NASAL)
 Select INVENTORY TYPE: OPHTHALMIC,OTIC
 Select INVENTORY TYPE: <RET>
 Select AREA OF USE (AOU): <RET>
 Select AOU INVENTORY GROUP NAME: SECOND FLOOR (TU-F)
 ARE YOU ADDING 'SECOND FLOOR (TU-F)' AS A NEW AOU INVENTORY GROUP (THE
 2ND)? Y (YES)
 NAME: SECOND FLOOR (TU-F)// <RET>
 GROUP DESCRIPTION:
 1><u>INVENTORY COVERS ALL TYPES FOR MED ROOM 3; CONDUCTED ON TU-&F.</u>
 2> <RET>
 EDIT Option: <RET>
 Select AREA OF USE (AOU): MED ROOM 3
 ARE YOU ADDING 'MED ROOM 3' AS A NEW AREA OF USE (AOU) (THE 1ST FOR THIS AOU
 INVENTORY GROUP)? Y (YES)
 Select INVENTORY TYPE: ALL
 Select INVENTORY TYPE: <RET>
 Select AREA OF USE (AOU) <RET>

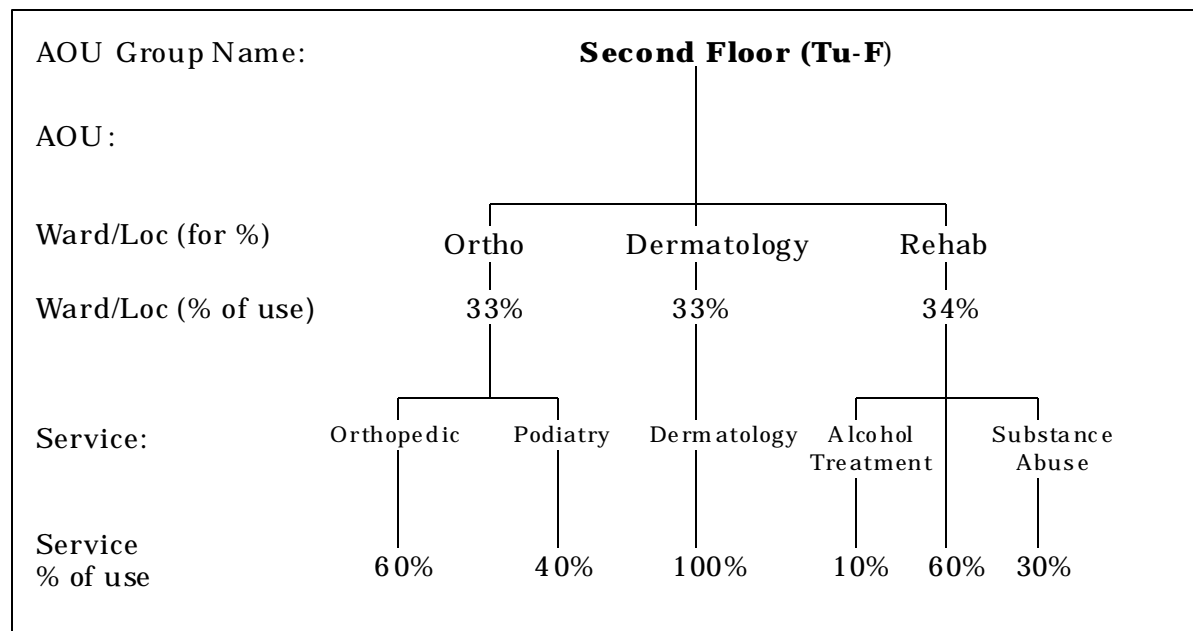
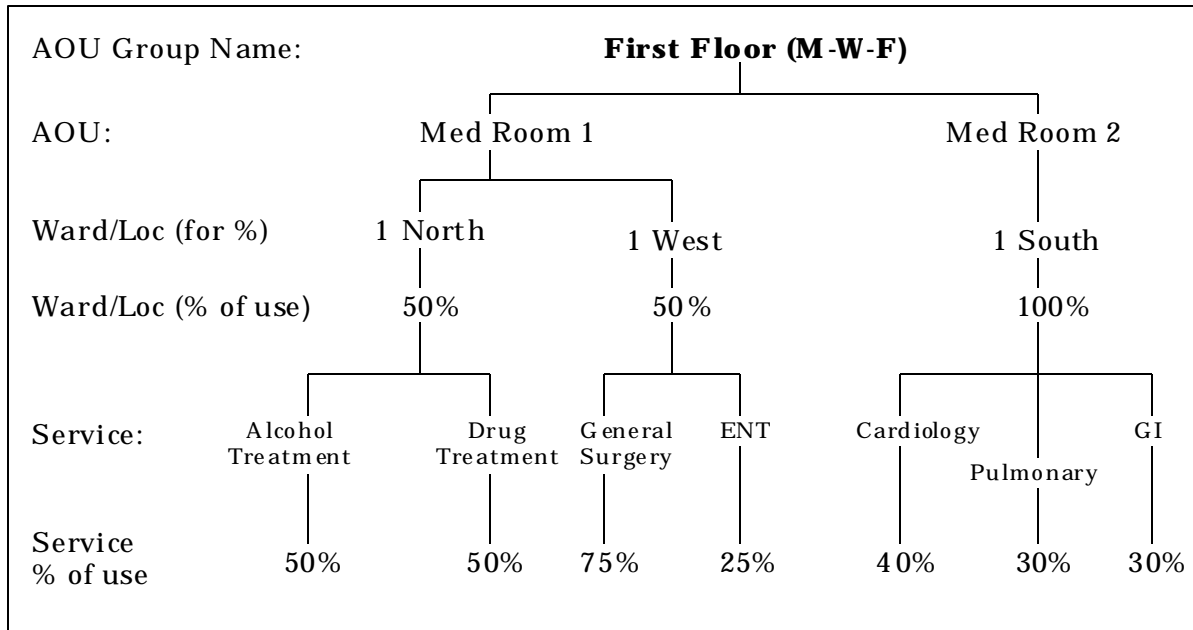
Select AOU INVENTORY GROUP NAME: CRASH CARTS
 ARE YOU ADDING 'CRASH CARTS' AS A NEW AOU INVENTORY GROUP (THE 3RD)? Y (YES)
 NAME: CRASH CARTS// <RET>
 GROUP DESCRIPTION:
 1><u>INVENTORY OF ALL ITEMS FOR ALL CRASH CARTS.</u>
 2> <RET>
 EDIT Option: <RET>
 Select AREA OF USE (AOU): FIRST FLOOR CRASH CART
 ARE YOU ADDING 'FIRST FLOOR CRASH CART' AS A NEW AREA OF USE (AOU) (THE 1ST
 FOR THIS AOU INVENTORY GROUP)? Y (YES)
 Select INVENTORY TYPE: ALL
 Select INVENTORY TYPE: <RET>
 Select AREA OF USE (AOU): SECOND FLOOR CRASH CART
 ARE YOU ADDING 'SECOND FLOOR CRASH CART' AS A NEW AREA OF USE (AOU) (THE
 2ND FOR THIS AOU INVENTORY GROUP)? Y (YES)
 Select INVENTORY TYPE: ALL
 Select INVENTORY TYPE: <RET>
 Select AREA OF USE (AOU): <RET>

Select AOU INVENTORY GROUP NAME: CLINICS
 ARE YOU ADDING 'CLINICS' AS A NEW AOU INVENTORY GROUP (THE 4TH)? Y (YES)
 NAME: CLINICS// <RET>
 GROUP DESCRIPTION:
 1><u>INVENTORY OF ALL TYPES FOR ALL CLINICS.</u>
 2> <RET>
 EDIT Option: <RET>
 Select AREA OF USE (AOU): DENTAL CLINIC
 ARE YOU ADDING 'DENTAL CLINIC' AS A NEW AREA OF USE (AOU) (THE 1ST FOR THIS
 AOU INVENTORY GROUP)? Y (YES)
 Select INVENTORY TYPE: ALL
 Select INVENTORY TYPE: <RET>
 Select AREA OF USE (AOU): <RET>

Select AOU INVENTORY GROUP NAME: <RET>

Prototype AOU Inventory Group

Refer back to the diagram on page 22 of the prototype hospital to illustrate the creation of the AOU's. In this hospital, automatic replenishment of ward stock is done by two technicians. One technician services 1 North, 1 West, and 1 South on Mondays, Wednesdays, and Fridays. A second technician services Ortho, Dermatology, and Rehab on Tuesdays and Fridays. During these times, all drugs are inventoried.



P

1.12 Print Set Up Lists [PSGW PRINT SETUP LISTS]

This menu contains all reports or lists associated with setting up the files for AR/WS. There are currently six options on this menu.

Print Inventory Types (80 column)
List Location Codes (80 column)
Show AOU/Ward/Service (132 column)
Print AR/WS Stock Item Data (132 column)
List Stock Items (132 column)
Inventory Group List (80 column)

1.12.2 List Location Codes (80 column) [PSGW ITEM LOC PRINT]

This option allows you to print the list of location codes entered into AOU ITEM LOCATION file (#58.17). These codes are used to define the location of items in an Area of Use.

Example: List Location Codes (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: PRINT Set Up Lists

Select Print Set Up Lists Option: LIST LOCation Codes (80 column)

DEVICE: [Queue report here or send to designated device]

..... report follows

```

AREA OF USE ITEM LOCATION EXPANSIONS          MAY 26,1993  09:34    PAGE 1
      ITEM
      ADDR
      CODE  CODE EXPANSION
  
```

```

      B      BIN
      B1     BIN 1
      B2     BIN 2
      D      DRAWER
      DR1    DRAWER 1
      ER     EMERGENCY ROOM
      IVR    IV ROOM
      MC     MEDICINE CABINET
      MC4    MEDICINE CABINET 4
      MR     MEDICINE ROOM
      NAR    NARCOTICS STORAGE CABINET
      REF    REFRIGERATOR
  
```

```

AREA OF USE ITEM LOCATION EXPANSIONS          MAY 26,1993  09:34    PAGE 2
      ITEM
      ADDR
      CODE  CODE EXPANSION
  
```

```

      S      SHELF
      S3     SHELF 3
      S5     SHELF 5
      S8     SHELF 8
      SC1    SECTION 1
      SC2    SECTION 2
      s2     SHELF 2
  
```

Supervisor's Menu

1.12.3 Show AOU/Ward/Service (132 column) [PSGW SHOW AREA OF USE]

This option allows you to print the AOU/Wards (or Locations)/Services defined in PHARMACY AOU STOCK file (#58.1). This information was entered via the *Create the Area of Use* option. If you have more than one Inpatient Site defined for your AOU, this report will sort the data by Inpatient Site and print a separate report for each site.

Example: Show AOU/Ward/Service (132 column)

Select INPATIENT PHARMACY MENU Option: **AUTOM**atic Replenishment

Enter AR/WS Inpatient Site Name: **GEN**eral Hospital

Select Automatic Replenishment Option: **SUP**ervisor's Menu

Select Supervisor's Menu Option: **SET** Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: **PRINT** Set Up Lists

Select Print Set Up Lists Option: **SHOW** AOU/Ward/Service (132 column)

DEVICE: [Queue report here or send to designated device]

..... report follows.....

AREA OF USE / WARDS AND SERVICES
PAGE 1

MAY 26,1993 09:30

SERVICE

WARD/LOCATION

% OF

AREA OF USE (AOU)
USE

WARD/LOCATION (FOR PERCENTAGE)

% OF USE

SERVICE

INPATIENT SITE: DAN'S HOSPITAL

#1 MEDICATION ROOM 75	1 WEST	50	GENERAL SURGERY
25			ENDOCRINOLOGY
50	1 NORTH	50	ALCOHOL TREATMENT
#2 MEDICATION ROOM 40	1 SOUTH	100	CARDIOLOGY
30			PULMONARY, TUBERCULOSIS
30			GASTROENTEROLOGY
#3 MEDICATION ROOM 60	33	33	NHCU
40			GERONTOLOGY
100	2 EAST	33	NEUROLOGY
10	2 NH	33	PODIATRY

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UROLOGY

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GYNECOLOGY

AREA OF USE / WARDS AND SERVICES
PAGE 2

MAY 26,1993 09:30

SERVICE

WARD/LOCATION

% OF

AREA OF USE (AOU)
USE

WARD/LOCATION (FOR PERCENTAGE)

% OF USE

SERVICE

INPATIENT SITE: HOOVER

DRUG CLOSET
75

1 WEST

50

SURGICAL ICU

1 NORTH

50

ORTHOPEDIC

50

Supervisor's Menu

1.12.4 Print AR/WS Stock Item Data (132 column) [PSGW STOCK ITEM DATA]

This option will print an alphabetical listing of "ALL" active items you have defined in the PHARMACY AOU STOCK file (#58.1). The following information will be displayed for each item:

1. All AOU's that stock the item and the LOCATION in the AOU's.
2. Stock levels for item in each AOU
3. All WARD (FOR ITEM) assignments
4. All TYPE definitions

This report would be especially helpful for sites that are trying to update their AOU stock items.

Example: Print AR/WS Stock Item Data (132 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: PRINT Set Up Lists

Select Print Set Up Lists Option: PRINT AR/WS Stock Item Data (132 column)

This report shows data stored for AR/WS Stock Items.

Right Margin for this report is 132 columns.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Supervisor's Menu

JUN 10,1993

PAGE: 1

DATA FOR AR/WS STOCK ITEMS

=> ITEM

TYPE	AOU	LOCATION	STOCK LEVEL	WARD (FOR ITEM)	

=> BACLOFEN 10MG TAB					
DRUG CLOSET		MR,CA,S1	2	1 SOUTH	
EXTERNAL					
=> DEXTROTHYROXINE SODIUM 2MG TAB					
#1 MEDICATION ROOM		B,3	6	1 NORTH	
EXTERNAL					
#2 MEDICATION ROOM		B,2	6	1 SOUTH	
EXTERNAL					
#3 MEDICATION ROOM		B,3	6	33	
EXTERNAL					
				2 NH	
				2 EAST	
=> DYPHYLLINE GG ELIXIR					
#1 MEDICATION ROOM		B,2	100	1 WEST	ORAL
SOLID					
				1 NORTH	
#2 MEDICATION ROOM		MC,1,2	100	1 SOUTH	ORAL
SOLID					
#3 MEDICATION ROOM		D,3	100	33	ORAL
SOLID					
				2 NH	
				2 EAST	
=> LIDOCAINE 40MG/ML INJ					
#2 MEDICATION ROOM		NONE	10	NONE	
EXTERNAL					
=> MEPHOBARBITAL 50MG TAB					
#1 MEDICATION ROOM		MC,2,4	2	1 NORTH	
INTERNAL					
#3 MEDICATION ROOM		MC,1,3	2	33	
INTERNAL					
				2 NH	
				2 EAST	
=> MESORIDAZINE 25MG/ML SOLN					
#2 MEDICATION ROOM		MC,2,2	10	1 SOUTH	
INJECTION					
#3 MEDICATION ROOM		MC,2,2	10	1 SOUTH	
INJECTION					
DRUG CLOSET		MC,2,2	10	NONE	
INJECTION					
=> METHYL SALICYLATE BALM 30GM					
.					
.					

Supervisor's Menu

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[This report has been abbreviated to save space.]

1.12.5 List Stock Items (132 column) [PSGW PRINT AOU STOCK]

This option allows you to print the items entered as active stock for an Area of Use in PHARMACY AOU STOCK file (#58.1). The report prints all items currently available for inventory, by AOU and will display the following information:

1. Item TYPE (for the report sorted by TYPE/LOCATION/ITEM)
2. Current Stock Level
3. Current Reorder Level
4. Current Minimum Quantity to Dispense
5. Expiration Date

The report may be printed for a single AOU, several AOU's, or you may enter "^ALL" to print the report for all Areas of Use. Also, the report may be printed by two different sort order methods. You may print the stock list in order by type, and within type, by location. An alternate method is to print the stock list in alphabetical order.

Example 1: List Stock Items (132 column) By Type/Location/Item

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: PRINT Set Up Lists

Select Print Set Up Lists Option: LIST STOCK Items (132 column)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

You may print by either of these sorting methods:

- (1) By TYPE/LOCATION/ITEM
- (2) Alphabetical by ITEM

Select SORT ORDER for report (enter 1 or 2): 1

The right margin for this report is 132.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows

Supervisor's Menu

AOU STOCK LIST BY TYPE/LOCATION - DATE: JUN 10,1993

PAGE: 1

AREA OF USE TYPE EXPIRATION LOCATION	ITEM	STOCK LEVEL	REORDER LEVEL	MINIMUM QTY TO DISPENSE	
DATE					

==> MED ROOM 1					
TYPE: EXTERNALS					
02,1993	MR,CA,S1 BACITRACIN OINTMENT 10Z	3	1	2	DEC
02,1993	MR,CA,S1 CLOTRIMAZOLE 1% CREAM	4	1	2	DEC
13,1993	MR,CA,S1 HYDROCORTISONE 1% CREAM 30G	4	2	2	AUG
02,1993	MR,CA,S2 DOMOL BATH & SHOWER OIL	8	2	6	DEC
LISTED	MR,CA,S2 HEXACHLOROPHENE DET. 5OZ	6	1	6	NOT
05,1993	MR,CA,S2 HYDROGEN PEROXIDE SOLN 480ML	2	1	1	NOV
02,1993	MR,CA,S2 ISOPROPYL ALCOHOL 70% 480ML	6	1	6	DEC
02,1993	MR,CD,S3 BENZOIN COMP TINCT	1	NOT LISTED	NOT LISTED	
	NOT LISTED ACETONE	10	5	5	DEC
TYPE: ORAL LIQUID					
02,1993	MR,CC,S2 ACETAMINOPHEN 500MG/15CC ELIX	2	1	1	DEC
25,1993	MR,CC,S2 CASTOR OIL 60ML U.D.	2	1	1	SEP
LISTED	MR,CC,S2 MILK OF MAGNESIA 480ML	4	2	2	
	MR,CC,S3 ALUM.& MAG. HYDROXIDE GEL	6	2	6	NOT
	MR,CC,S3 KAOLIN AND PECTIN SUSP 360ML	2	1	1	
	MR,CC,S3 MAGNESIUM CITRATE SOLN 300ML	3	1	3	
TYPE: ORAL SOLID					
02,1993	MR,B2,S1 BUSULFAN TAB 2MG	10	5	5	
	MR,CA,S3 CHLORAMBUCIL TAB 2MG	5	1	3	DEC
	MR,CC,S4 ACETAMINOPHEN TAB 325MG	50	10	25	
	MR1,S1,D2 DIGOXIN TAB 0.125MG	2	NOT LISTED	NOT LISTED	
TYPE: INJECTION					
10,1993	MR,CC,S1 DEXTROSE 50% 50ML SYRINGE	5	1	4	
	MR,CC,S1 DIAZEPAM 5MG/ML 2ML AMP	10	2	6	SEP
02,1993	MR,CC,S1 GLUCAGON INJ 1MG	3	1	2	DEC
	MR,CC,S1 LIDOCAINE 1% INJ 30ML	3	2	1	
TYPE: OPHTHALMIC, OTIC					
LISTED	MR,CA,S4 TIMOLOL 0.25% OP.SOL. 10ML	3	1	2	NOT
TYPE: SUPPOSITORY					
LISTED	MR,REF,S2 ACETAMINOPHEN SUPP 650MG	12	1	6	NOT
LISTED	MR,REF,S2 ASPIRIN SUPP 650MG	12	1	6	NOT
LISTED	MR,REF,S2 GLYCERIN SUPPOSITORIES 12'S	2	1	1	
TYPE: CONTROLLED DRUG (II)					
10,1993	MR,CC,S1 DIAZEPAM 5MG/ML 2ML AMP	10	4	6	SEP
TYPE: REAGENT/TEST ITEM					
	MR,CB,S1 KETO-DIASTIX 100'S	2	1	1	

Example 2: List Stock Items (132 column) Alphabetical by ITEM

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: PRINT Set Up Lists

Select Print Set Up Lists Option: LIST STOCK Items (132 column)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

You may print by either of these sorting methods:

- (1) By TYPE/LOCATION/ITEM
- (2) Alphabetical by ITEM

Select SORT ORDER for report (enter 1 or 2): 2

The right margin for this report is 132.

You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows.....

Supervisor's Menu

ALPHABETICAL LISTING OF AOU STOCK - DATE: AUG 10,1993

PAGE: 1

AREA OF USE TYPE ITEM	LOCATION	STOCK LEVEL	REORDER LEVEL	MINIMUM QTY TO DISPENSE	EXPIRATION DATE
==> MED ROOM 1					
ACETAMINOPHEN 500MG/15CC ELIX.	MR,CC,S2	2	1	1	DEC 02,1993
ACETAMINOPHEN SUPP 650MG	MR,REF,S2	12	1	6	DNOT LISTED
ACETAMINOPHEN TAB 325MG	MR,CC,S4	50	10	25	DEC 02,1993
ACETONE	NOT LISTED	10	5	5	DEC 02,1993
ALUM.& MAG. HYDROXIDE GEL	MR,CC,S3	6	2	6	DEC 02,1993
ASPIRIN SUPP 650MG	MR,REF,S2	12	1	6	NOT LISTED
ATROPINE SULFATE INJ 0.4MG/ML,20ML	MR,CC,S1	3	2	1	
BACITRACIN OINTMENT 1OZ	MR,CA,S1	3	1	2	DEC 02,1993
BECLOMETHASONE ORAL.INHALER 16.8GM	MR,CC,S5	6	1	5	
BENZONIN COMP TINC	MR,CD,S3	1			
BLEOMYCIN INJ 15 UNIT	NOT LISTED	3	NOT LISTED	NOT LISTED	
BUSULFAN TAB 2M	MR,B2,S1	10	5	5	
CASTOR OIL 60ML U.D.	MR,CC,S2	1	1	1	SEP 25,1993
CHLORAMBUCIL TAB 2MG	MR,CA,S3	5	1	3	DEC 02,1993
CLOTTRIMAZOLE 1% CREAM	MR,CA,S1	4	1	2	DEC 02,1993
DEXTROSE 50% 50ML SYRINGE	MR,CC,S1	5	1	4	
DIAZEPAM 5MG/ML 2ML AMP	MR,CC,S1	10	2	6	SEP 10,1993
DIGOXIN TAB 0.125MG	MR1,S1,D2	2	NOT LISTED	NOT LISTED	
DISULFIRAM TAB 250MG	MR,C1,C2	2	1	1	DEC 02,1993
DOMOL BATH & SHOWER OIL	MR,CA,S2	8	2	6	
EPINEPHRINE INJ 1:1000 1ML (AMPUL)	MR,CC,S1	3	1	2	
GLUCAGON INJ 1MG	MR,CC,S1	3	1	2	
GLYCERIN SUPPOSITORIES 12'S	MR,REF,S2	2	1	1	
HEPARIN 1,000 UNIT/ML 10ML INJ	MR,CC,S1	12	6	6	
HEXACHLOROPHENE DET. 5OZ	MR,CA,S2	6	1	6	NOT LISTED
HYDROCORTISONE 1% CREAM 30GM	MR,CA,S1	4	2	2	AUG 13,1993
HYDROGEN PEROXIDE SOLN 480ML	MR,CA,S2	2	1	1	NOV 05,1993
ISOPROPYL ALCOHOL 70% 480ML	MR,CA,S2	6	1	6	DEC 02,1993
KAOLIN AND PECTIN SUSP 360ML	MR,CC,S3	2	1	1	
KETO-DIASTIX 100'S	MR,CB,S1	2	1	1	
LACTULOSE SYRUP 10GM/15ML 480ML	MR,CC,S3	2	1	1	
LIDOCAINE 1% INJ 30ML	MR,CC,S1	3	2	1	
MAGNESIUM CITRATE SOLN 300ML	MR,CC,S3	3	1	3	
MILK OF MAGNESIA 480ML	MR,CC,S2	4	2	2	
POTASSIUM CHLORIDE 20MEQ EFF. T.	MR,CC,S4	30	10	20	
PSYLLIUM HYDROPHILIC MUCILLOID 14OZ	MR,CC,S4	2	NOT LISTED	NOT LISTED	
SODIUM BICARBONATE 50ML SYR 8.4%	MR,CC,S1	5	1	4	
SODIUM CHLORIDE 0.9% 1000ML IRRIGATION	CUR,CB,S3	12	1		
TIMOLOL 0.25% OP.SOL. 10ML	MR,CA,S4	3	1	2	NOT LISTED

Supervisor's Menu

1.12.6 Inventory Group List (80 column) [PSGW AOU INV GROUP PRINT]

This option allows you to print the data from AOU INVENTORY GROUP file (#58.1). The report prints a list of the currently defined inventory groups with their associated Areas of Use and inventory types.

Example: Inventory Group List (80 column)

Select INPATIENT PHARMACY MENU Option: **AUTO**matic Replenishment

Enter AR/WS Inpatient Site Name: **GEN**eral Hospital

Select Automatic Replenishment Option: **SUP**ervisor's Menu

Select Supervisor's Menu Option: **SET** Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: **PRINT** Set Up Lists

Select Print Set Up Lists Option: **INV**entory Group List (80 column)

This report shows data stored for AOU Inventory Groups.

Right margin for this report is 80 columns.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

AOU INVENTORY GROUP LIST
PRINTED: JUN 14,1993

PAGE: 1

```
=> INVENTORY GROUP
      AREA OF USE
      TYPE
-----
=> 3RD FLOOR (T-TH)
      CARDIAC CATH LAB
      INJECTION
      ORAL SOLID

=> FIRST FLOOR
      CARDIAC CATH LAB
      ALL
      MED ROOM 1
      ALL
      MED ROOM 2
      ALL

=> INJECTABLES
      CARDIAC CATH LAB
      INJECTION
      MED ROOM 1
      INJECTION
      MED ROOM 2
      INJECTION
      MED ROOM 3
      INJECTION

==> MED ROOM 1 (ONLY)
      MED ROOM 1
      ALL

=> MONDAY/DAY SHIFT
      CARDIAC CATH LAB
      INHALER
      INJECTION

      MED ROOM 1
      EXTERNALS
      INJECTION
      ORAL LIQUID

      MED ROOM 3
      EXTERNALS
      INJECTION
      ORAL LIQUID
      ORAL SOLID

=> TEST
      DRUG CLOSET
      CONTROLLED DRUG (II)
```

Supervisor's Menu

1.13 Edit 'Person Doing Inventory' [PSGW EDIT INVENTORY USER]

This option will allow editing of the field PERSON DOING INVENTORY in the PHARMACY AOU INVENTORY file (#58.19) for a selected Date/Time for Inventory.

Example: Edit 'Person Doing Inventory'

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: EDIT 'Person Doing Inventory'

This option will allow editing of the PERSON DOING INVENTORY field in the Pharmacy AOU Inventory file for a selected Date/Time for Inventory.

Select PHARMACY AOU INVENTORY DATE/TIME FOR INVENTORY: 49 6-3-1993@13:13:00
CLEAVER, WARD THU

PERSON DOING INVENTORY: CLEAVER, WARD// CLINE, PATSY

Select PHARMACY AOU INVENTORY DATE/TIME FOR INVENTORY: <RET>

1.14 Sort AOU's in Group [PSGW AOU INV GROUP SORT]

This option allows the user to change the order in which the AOU's within an inventory group will sort. Normally, the AOU's should print on the inventory sheet, etc., in the order in which they will be visited. However, VA FileMan puts them in the order in which they were defined. The process uses a "Make...Follow" logic. Select the group for which the order needs to be changed. You will be shown the current order. After the "Make..." prompt, enter the name of the AOU to be moved. Then, at the the name of the AOU that it should be inserted after. You may now view the new order, and make any other necessary changes.

Example: Sort AOU's in Group

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: SORT AOU's in Group

Select AOU INVENTORY GROUP NAME: MONDAY/DAY SHIFT

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

AOU Inventory Group List

JUN 10,1993@10:54

Current AOU Sort Order for MONDAY/DAY SHIFT

 MED ROOM 1
 CARDIAC CATH LAB
 MED ROOM 2
 MED ROOM 3

Make..... ?

Enter the name of the AOU you wish to move to another location.
 Enter <RET> or "^" to Exit.

Make..... CARDIAC CATH LAB

Follow... ?

Enter the name of the AOU you wish CARDIAC CATH LAB to follow.
 Enter <RET> or "^" to Exit.

Follow... MED ROOM 3

Do you wish to print the AOU List again ? NO// Y (YES)

DEVICE: *[queue report here or send to designated device]*

Supervisor's Menu

AOU Inventory Group List

JUN 10,1993@10:54

Current AOU Sort Order for MONDAY/DAY SHIFT

MED ROOM 1
MED ROOM 2
MED ROOM 3
CARDIAC CATH LAB

Make..... <RET>

Select Set Up AR/WS (Build Files) Option: <RET>

1.15 Site Parameters [PSGW SITE]

This option is locked with the PSGW PARAM key, and *only* the Inpatient Pharmacy Package Coordinator should be assigned this key.

Using this option, you may enter or edit the data in INPATIENT SITE file (#59.4). Site parameters allow you to customize the package to suit the needs of your VAMC. There are currently four site parameters you need to answer: 1) "MERGE INV. SHEET AND PICK LIST?", 2) "PRINT RETURN COLUMNS?", 3) "BEGIN COLLECTING AMIS DATA NOW?", and 4) "IS SITE SELECTABLE FOR

Note : If you change a site parameter, you must exit the AR/WS module and re-enter in order for the change to be in effect.

The "MERGE INV. SHEET AND PICK LIST" prompt will be answered "YES" if a site does not physically inventory all items in each AOU when Automatic Replenishment occurs. "YES" will be used by sites that stock the AOU with the needed supplies, noting quantity dispensed on an inventory sheet. This prompt will be answered "NO" if a site conducts a manual inventory prior to the stocking process.

How should the "PRINT RETURN COLUMNS?" question be answered? If you wish to have a column to record return quantity and return reason on the inventory sheet, enter "YES" to this prompt. If you answer "NO", then these columns will not be printed.

Initially the "BEGIN COLLECTING AMIS DATA NOW?" prompt is set to "NO". The setting of this parameter *directly affects the accuracy* of the AMIS report and this parameter *should not* be set to "YES" until all of the *Prepare AMIS Data* options have been completed and checked for accuracy. Carefully examine the reports produced by the *Data for AMIS Stats - Print* option and the *Show AOU Status for AMIS* option. When you are sure that the data is *accurate*, then set this parameter to "YES". You should set this AMIS parameter to "YES" for all inpatient site names which have the "IS SITE SELECTABLE FOR AR/WS?" parameter set to "YES". Once the parameter is set to "YES", you should under *no circumstances* flip the setting back and forth. After this parameter is set to "YES", data entered during normal use of the package will accumulate to produce the AMIS report.

The "IS SITE SELECTABLE FOR AR/WS?" parameter was created because Unit Dose and AR/WS share INPATIENT SITE file (#59.4). Inpatient site names may be created for Unit Dose to affect order stop dates, etc., and those site names may be confusing to AR/WS users. Therefore, this parameter will screen out inpatient site names which are not used by AR/WS. For every entry in File 59.4, determine if the site name should be shown to users of the AR/WS package. If the site name should be shown, enter "1" or "YES" for this parameter, otherwise, enter "0" or "NO".

Supervisor's Menu

This site parameter is especially important for multi-divisional sites since AOU's are assigned an Inpatient Site that will receive credit for the AMIS Statistics for the AOU. For this reason, care should be taken in the creation of entries in the INPATIENT SITE file for AR/WS use.

There is a prescribed sequence of events that must occur based on the answer to the "MERGE INV. SHEET AND PICK LIST" site parameter. This sequence is diagrammed for you on page 61. The sequence is as follows:

If the "MERGE INV. SHEET AND PICK LIST" prompt is answered "YES", the Automatic Replenishment inventory sheet and the pick list are merged. The inventory sheet contains the quantity dispensed column. The *Input AOU Inventory* option and a separate pick list are omitted. The *Enter/Edit Quantity Dispensed* option is used to input all quantities dispensed. You must enter your own backorders, using the *Enter Backorders* option.

If the "MERGE INV. SHEET AND PICK LIST" prompt is answered "NO", the inventory sheet prints without the quantity dispensed column. You will manually inventory the AOU. Use the *Input AOU Inventory* option to establish on hand quantities. Run the Pick List to show quantities to dispense. Use the *Enter/Edit Quantity Dispensed* option only if the amount dispensed was different from the amount requested. This will automatically create the backorders if the amount was less than the amount requested.

Example: Site Parameters

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: SET Up AR/WS (Build Files)

Select Set Up AR/WS (Build Files) Option: SITE Parameters

Select INPATIENT SITE NAME: GENERAL HOSPITAL

MERGE INV. SHEET AND PICK LIST: ??

If 1 is entered, the Automatic Replenishment inventory sheet and pick list are merged - a separate pick list does not have to be printed. The inventory sheet contains the quantity dispensed column. The on hand values do not have to be input. The user only enters the actual quantity dispensed. If 0 is entered, the inventory sheet and pick list are not merged.

The user prints the inventory sheet, enters on hand amounts, prints the pick list, and dispenses the items.

CHOOSE FROM:

0	NO
1	YES

MERGE INV. SHEET AND PICK LIST: YES

PRINT RETURN COLUMNS?: ??

If 1, the return quantity column and the return reason column will appear on the inventory sheet in the Automatic Replenishment package.
If 0, the return columns do not appear on the inventory sheet.

CHOOSE FROM:

0 NO
1 YES

PRINT RETURN COLUMNS?: NO

BEGIN COLLECTING AMIS DATA NOW?: NO// ??

WARNING

The setting of this parameter DIRECTLY AFFECTS THE ACCURACY of the AMIS report! This parameter should be set to "NO" until you have completed ALL of the "Prepare AMIS Data" options on the "Supervisor's Menu". Carefully examine the reports produced by the "Data for AMIS Stats - Print" option and the "Show AOU Status for AMIS" option. When you are sure that the data is accurate, then AND ONLY THEN, set this site parameter to "YES". Once the parameter is set to "YES", you should under NO CIRCUMSTANCES flip the setting back and forth. While this parameter is set to "NO", NO DATA is collected in the AR/WS Stats File - 58.5 for AMIS statistics!

CHOOSE FROM:

0 NO
1 YES

BEGIN COLLECTING AMIS DATA NOW?: NO// <RET>

IS SITE SELECTABLE FOR AR/WS?: ??

Should this inpatient site name be shown for use by AR/WS users? When users sign into the module to carry out AR/WS functions, should this site name be displayed? If you answer "yes", the software will display or allow you to pick this site name when you enter the module. If you answer "no", the software will "screen out" the site name so that AR/WS users will not see or be able to select the site name while in the AR/WS module.

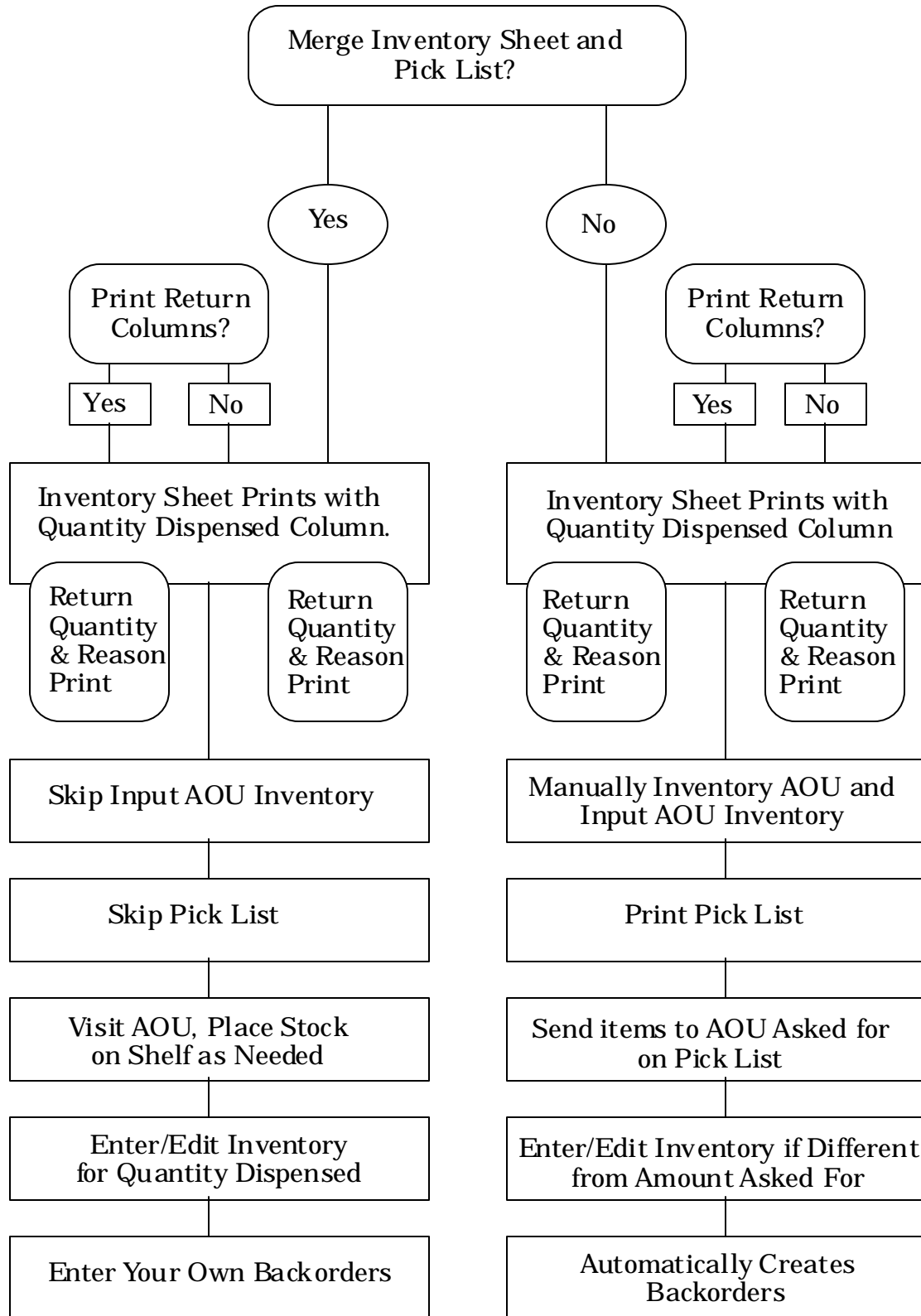
CHOOSE FROM:

0 NO
1 YES

IS SITE SELECTABLE FOR AR/WS?: YES

Select INPATIENT SITE NAME: <RET>

Effect of Site Parameters



S statistics. The AMIS parameter should be set to "YES" for all inpatient site names for which the "IS SITE SELECTABLE FOR AR/WS?" prompt is answered "YES".

2.1 Print AMIS Worksheet (80 column) [PSGW PRINT AMIS WORKSHEET]

The purpose of this option is to provide a worksheet for the user so that the AMIS category and AMIS conversion number can be determined for all AR/WS drugs in all AOU's. The worksheet presents all AR/WS drugs by type, and within type, the drugs are listed alphabetically. Some drugs may not be classified by type (e.g., on-demands); these items will be presented at the end of the list as "Unclassified by type". There are columns on the worksheet for the user to write down the AMIS category and AMIS conversion number.

Before the list of AR/WS drugs prints out, a page of instructions prints first. This information gives an explanation of the AMIS category and AMIS conversion number.

The AMIS category will classify the drug for AMIS purposes. The user will enter 0, 1, 2, or 3. A 0 means that the drug is classified as field 03 or 04 on AMIS (i.e., doses). 1 means that the drug is classified as field 06 or 07 on AMIS (i.e., units). 2 means that the drug is classified as field 17 on AMIS (i.e., solutions or sets) and 3 means the drug is classified as field 22 (i.e., blood and blood products).

The AMIS conversion number is a number which reflects the number of doses contained in a single quantity dispensed. For example, a 20cc multi-dose vial has an AMIS conversion number of 20.

Using the completed worksheet, the data may be entered into the computer using the *Enter AMIS Data for All Drugs/All AOU's* option.

Example: Print AMIS Worksheet (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: PRINT AMIS Worksheet (80 column)

Right margin for this report is 80 columns.
You may queue the report to print at a later time.

DEVICE: [queue report here or select print device]

..... report follows

AMIS DATA WORKSHEET

For each drug listed on the following page(s), determine the AMIS category and AMIS conversion number to be entered for AR/WS AMIS statistics.

AMIS CATEGORY will classify the drug for AR/WS AMIS. You will enter "0", "1", "2", or "3".

- ==> "0" Means the drug is classified as field 03 or 04. Include tablets, capsules, multi-dose vials, etc. Exclude multiple-dose externals, liquids, or antacids.
- ==> "1" Means the drug is classified as field 06 or 07. Include multiple-dose externals, liquids, antacids, otics, ophthalmics, and inhalations.
- ==> "2" Means the drug is classified as field 17. Include solutions and administration sets.
- ==> "3" Means the drug is classified as field 22. Include blood and blood products.

AMIS CONVERSION NUMBER:

This number reflects the number of doses/units contained in a single quantity dispensed. For example:
 For a 20cc vial, quantity dispensed is 1, and conversion number is 20.
 For 5oz. antacid, quantity dispensed is 1, and conversion number is 1.
 For a bottle of 100 aspirin, quantity dispensed is 1, and conversion number is 100.

PAGE: 1

DATE: MAY 26,1993

AMIS DATA WORKSHEET

TYPE	DRUG NAME	AMIS CATEGORY (0,1,2, or 3)	AMIS CONVERSION NUMBER
EXTERNAL			
	DEXTROTHYROXINE SODIUM 2MG TAB	_____	_____
	LIDOCAINE 40MG/ML INJ	_____	_____
	METHYL SALICYLATE BALM 30GM	_____	_____
	METOPROLOL TARTRATE 50MG TAB	_____	_____
INJECTION			
	MESORIDAZINE 25MG/ML SOLN	_____	_____

Supervisor's Menu

PAGE: 2

DATE: MAY 26,1993

AMIS DATA WORKSHEET

TYPE	AMIS CATEGORY	AMIS CONVERSION
DRUG NAME	(0,1,2, or 3)	NUMBER

=====

INTERNAL

MEPHOBARBITAL 50MG TAB _____

METHYL SALICYLATE BALM 30GM _____

ORAL LIQUID

METHYL SALICYLATE BALM 30GM _____

ORAL SOLID

DYPHYLLINE GG ELIXIR _____

PAGE: 3

DATE: MAY 26,1993

AMIS DATA WORKSHEET

TYPE	AMIS CATEGORY	AMIS CONVERSION
DRUG NAME	(0,1,2, or 3)	NUMBER

=====

SACCHARIN SODIUM 30MG SOL TAB _____

ALL

METOPROLOL TARTRATE 50MG TAB _____

** UNCLASSIFIED BY TYPE:

Select Prepare AMIS Data Option: <RET>

2.2 Enter AMIS Data for All Drugs/All AOU's [PSGW ENTER AMIS DATA/ALL DRUGS]

This option allows the entry of AMIS data for all drugs in all AOU's used in AR/WS. The drugs are presented by type, and within type, in alphabetical order. For each drug, you are asked to enter the AMIS category and AMIS conversion number. If the conversion number for a drug is "1", then you must key in "1"; no defaults are assumed. The drugs will be shown in the same order as on the AMIS worksheet, with one exception. If a drug is defined as more than one type, it will be asked only once.

If you do not want to enter all of this information at one time, simply enter "^" to quit. The next time you return to this option, you will only be asked to enter data for those drugs which were previously unanswered. If you are unsure of an answer and wish to leave it blank, press <RET>; the drug will be asked again the next time the option is selected.

All of the information is complete for all AR/WS drugs, if you select the option, and it loops through all of your types without displaying any drugs. A message will print stating, "All drugs in all AOU's contain AMIS data"; then you are through with the entry process.

If an error was made while entering the data, make note of the drug name (i.e., mark it on the AMIS worksheet), and continue with the process. It is easier to deal with these exceptions at the end. Later, use the *AMIS Data Enter/Edit (Single Drug)* option to make your corrections.

When you see the "All drugs in all AOU's contain AMIS data" message, you are ready to proceed to the next step. Use the *Data for AMIS Stats - Print (132 column)* option to get a printout of the information entered.

Example: Enter AMIS Data for All Drugs/All AOU's

Select INPATIENT PHARMACY MENU Option: AUTOMATIC Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: ENTER AMIS Data for All Drugs/All AOU's

You must enter "^" at any prompt to quit.
Press <RETURN> at any prompt to skip that drug.

If the conversion number is "1", then YOU MUST
KEY IN "1"; no defaults are assumed!

Supervisor's Menu

I need to gather some information now.
This may take a little while.....

TYPE: INJECTABLE

==> AMPICILLIN SOD. 1GM S.P.

Enter AMIS Category: 0

Enter AMIS Conversion Number: 1

==> ARTERIAL BLOOD GAS KIT

Enter AMIS Category: 1

Enter AMIS Conversion Number: 1

==> ATROPINE 1MG/10ML SYRINGE (BRISTOJECT)

Enter AMIS Category: 0

Enter AMIS Conversion Number: 1

==> CEFAZOLIN SOD 1GM S.P.

Enter AMIS Category: 0

Enter AMIS Conversion Number: 1

==> DEXTROSE 50%,50ML W/SYRINGE

Enter AMIS Category: 0

Enter AMIS Conversion Number: 1

==> DIAZEPAM 5MG/ML 2ML S.S.

Enter AMIS Category: 0

Enter AMIS Conversion Number: 1

==> DIGOXIN 0.5MG/2ML S.S.

Enter AMIS Category: 0

Enter AMIS Conversion Number: 1

==> GLUCAGON 1MG S.P.

Enter AMIS Category: 0

Enter AMIS Conversion Number: 1

==> HEPARIN 1,000 UNIT/ML S.S. (10ML)

Enter AMIS Category: 0

Enter AMIS Conversion Number: 10

==> LIDOCAINE 2% INJ. 20ML.

Enter AMIS Category: 0

Enter AMIS Conversion Number: 20

•
•
•

[This report has been abbreviated to save space.]

2.3 Data for AMIS Stats - Print (132 column) [PSGW PRINT DATA FOR AMIS STATS]

This option prints the pertinent data from the DRUG file which will be used to calculate the AMIS report and various cost reports. The data on the printout should be inspected for accuracy and any discrepancies marked for correction.

For each AR/WS drug, the report shows order unit, price per order unit, dispense units per order unit, price per dispense unit, AMIS category, and AMIS conversion number. The drugs are presented in order by type, and within type they are alphabetical. On-demands which are not classified by type will be listed last. If any of these necessary fields are missing, the message "NO DATA" will be printed on the report.

Using this report, you should be able to locate inaccurate data. Corrections should be made through the *Enter/Edit AMIS Data (Single Drug)* option.

Example: Data for AMIS Stats - Print (132 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: DATA for AMIS Stats - Print (132 column)

This report shows data stored for AR/WS AMIS statistics.
Use Enter/Edit AMIS Data (Single Drug) to make corrections.

Right margin for this report is 132 columns.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Supervisor's Menu

PAGE: 1

DATE: MAY 26, 1993

DATA FOR AR/WS AMIS STATS

TYPE	DRUG NAME	ORDER UNIT	PRICE PER ORDER UNIT	DISPENSE UNITS PER ORDER UNIT	PRICE PER DISPENSE UNIT	AMIS CATEGORY	AMIS CONV. NUMBER
EXTERNAL							
	ACETONE	BT	57.62	100	0.576	1	1
	BENZON COMP TINCT	BT	2.31	8	0.289	1	1
	LIDOCAINE 40MG/ML INJ	VI	7	1	7.000	1	1
	METOPROLOL TARTRATE 50MG TAB	BT	93.36	1000	0.093	1	1
INJECTION							
	MESORIDAZINE 25MG/ML SOLN	BT	8.42	1	8.420	1	1
INTERNAL							
	MEPHOBARBITAL 50MG TAB	BT	19.13	250	0.077	1	1
	METHYL SALICYLATE BALM 30GM	TU	3.30	1	3.300	1	1
ORAL LIQUID							
	METHYL SALICYLATE BALM 30GM	TU	3.30	1	3.300	1	1
ORAL SOLID							
	DYPHYLLINE GG ELIXIR	PT	22.87	16	1.429	1	1
	SACCHARIN SODIUM 30MG SOL TAB	BT	3.02	1	3.020	1	1
ALL							
	METOPROLOL TARTRATE 50MG TAB	BT	93.36	1000	0.093	1	1

2.4 AMIS Data Enter/Edit (Single Drug) [PSGW ENTER/EDIT AMIS DATA]

This option is a VA FileMan input template on the DRUG file (#50). After selecting a drug from the DRUG file, you may enter/edit the following fields: ORDER UNIT, PRICE PER ORDER UNIT, DISPENSE UNITS PER ORDER UNIT, AR/WS AMIS CATEGORY, and AR/WS AMIS CONVERSION NUMBER. PRICE PER DISPENSE UNIT is a computed field and does not require editing.

This option is most likely to be used to make corrections to the cost and AMIS data for AR/WS drugs which were found to be in error on the Data for AR/WS AMIS Stats printout. It may also be used periodically to update cost information.

Example: AMIS Data Enter/Edit (Single Drug)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: AMIS Data Enter/Edit (Single Drug)

Select DRUG GENERIC NAME: ARTERIAL BLOOD GAS KIT

ORDER UNIT: EA EACH

PRICE PER ORDER UNIT: 2.78

DISPENSE UNITS PER ORDER UNIT: 1

AR/WS AMIS CATEGORY: Field 06 or 07 - Units of Issue// <RET>

AR/WS AMIS CONVERSION NUMBER: 1// <RET>

Select DRUG GENERIC NAME: LIDOCAINE 2% S.S. (100MG IN 5ML SYRINGE)

ORDER UNIT: PG// ^AR/WS AMIS CATEGORY

AR/WS AMIS CATEGORY: 0 Field 03 or 04 - Doses by Type

AR/WS AMIS CONVERSION NUMBER: 1

Select DRUG GENERIC NAME: DARVON-N SUSP, 50MG/5ML (16OZ BT)

ORDER UNIT: BT BOTTLE

PRICE PER ORDER UNIT: 12.96

DISPENSE UNITS PER ORDER UNIT: 1

AR/WS AMIS CATEGORY: Field 06 or 07 - Units of Issue // ^

Select DRUG GENERIC NAME: KAOLIN AND PECTIN SUSPENSION (16OZ BT)

ORDER UNIT: BT// ^AR/WS AMIS CATEGORY

AR/WS AMIS CATEGORY: 1 Field 06 or 07 - Units of Issue

AR/WS AMIS CONVERSION NUMBER: 1

Select DRUG GENERIC NAME: <RET>

2.5 Identify AOU Returns & AMIS Count [PSGW AOU RETURNS & AMIS COUNT]

For AMIS purposes, information must be entered about each AOU. This option loops through all of your AOU's, and asks 1) how to credit returns, and 2) if inventories on the AOU are to be counted on the AMIS report.

The system must know how to credit returns for each AOU. This option allows the user to identify the usual method of drug distribution for the AOU. This usual method will be credited with all returns for that AOU for AMIS purposes. The usual method will be either 1) automatic replenishment, or 2) ward stock-on-demand. If this information is not available when a returned item is entered into the system, the default method of automatic replenishment will be credited.

The system must know, for AMIS purposes, if the inventories for an AOU are to be counted in AR/WS STATS file (#58.5). Some creative stations are using the AR/WS package for internal Inpatient Pharmacy inventory purposes. Naturally, the inventory counts for these AOU's should not show up on the AMIS report. If you answer "YES" to the "COUNT ON AMIS?" prompt, then this AOU will be counted on AMIS. If you answer "NO", then NO DATA is collected in the AR/WS STATS file for AMIS calculation. This is *not* a field to be switched back and forth. Again, if this field is answered "NO", then *no* data is collected for calculations for AMIS.

Since this option loops through all of the AOU's in PHARMACY AOU STOCK file (#58.1), you may wish to have another method of pulling up this data for a single AOU. Use the *Create the Area of Use* option if necessary to make corrections for a single AOU.

After the data for all AOU's has been entered, you may wish to view this data to verify accuracy. The *Show AOU Status for AMIS* option will present the information for you.

Example: Identify AOU Returns & AMIS Count

Select INPATIENT PHARMACY MENU Option: **AUTOM**atic Replenishment

Enter AR/WS Inpatient Site Name: **GEN**eral Hospital

Select Automatic Replenishment Option: **SUP**ervisor's Menu

Select Supervisor's Menu Option: **PREP**are AMIS Data

Select Prepare AMIS Data Option: **IDENTIFY** AOU Returns & AMIS Count

For AMIS purposes, the system must know how to credit returns. Identify the "usual" method of drug distribution to be credited for each AOU. Answer "A" for Automatic Replenishment or "W" for Ward Stock - On Demand.

Supervisor's Menu

For AMIS purposes, the system must know if inventories for this AOU are to be counted in the AMIS Stats File.
For each AOU, answer "yes" or "no".

Area of Use: MED ROOM 1
Returns credited to: A
Count on AMIS? Y

Area of Use: MED ROOM 2
Returns credited to: W
Count on AMIS? Y

Area of Use: MED ROOM 3
Returns credited to: A
Count on AMIS? Y

Area of Use: DENTAL CLINIC
Returns credited to: W
Count on AMIS? Y

Area of Use: CARDIAC CATH LAB
Returns credited to: A
Count on AMIS? Y

Area of Use: DRUG CLOSET
Returns credited to: A
Count on AMIS? Y

2.6 Identify AOU INPATIENT SITE [PSGW INPUT AOU INP SITE]

AR/WS AMIS Statistics are stored in the AR/WS STATS file (#58.5) by date and by Inpatient Site. This was done so that medical centers that are multi-divisional may report their AR/WS Stats separately for each division. In order to accomplish this separation of data it is necessary for single division sites, as well as multi-divisional sites, to assign an Inpatient Site (from the INPATIENT SITE file (#59.4)) to each AOU in the PHARMACY AOU STOCK file (#58.1).

Note: It is very important that these assignments be made since failure to do so will directly affect the accuracy of the AR/WS AMIS report.

This option is a quick way to go through the PHARMACY AOU STOCK file and identify all active AOU's that are missing an Inpatient Site designation. The user will be allowed to choose an Inpatient Site from the entries in the INPATIENT SITE file (#59.4) that have been defined as "selectable for AR/WS". If the user "up-arrows" out of the loop at any point, he/she will be prompted to finish the editing as soon as possible. When the user comes back into the option later, the editing will pick up at the point where it was interrupted. If there are no AOU's found without an Inpatient Site designation, a message will be displayed to inform the user of this fact. Since this option was designed as a quick method of looping through File 58.1, users may not edit existing Inpatient Site definitions for AOU's. This may be accomplished through the *Create the Area of Use* option under the Supervisor's *Set Up AR/WS (Build Files)* option.

Example 1: Identify AOU INPATIENT SITE with an Interrupted Loop

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH HOSPITAL

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: IDENTIFY AOU INPATIENT SITE

This option will loop thru the PHARMACY AOU STOCK FILE (#58.1) and locate all "ACTIVE" AOU's that do not have an INPATIENT SITE defined.

=> CARDIAC CATH LAB
INPATIENT SITE: SOUTH HOSPITAL

=> DENTAL CLINIC
INPATIENT SITE: SOUTH HOSPITAL

=> DRUG CLOSET
INPATIENT SITE: ^

LOOP INTERRUPTED!

*** Please complete this editing soon, it is VERY IMPORTANT that ***
*** all your AOU's have the INPATIENT SITE field defined. ***

Example 2: Identify AOU INPATIENT SITE with a Completed Loop

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH HOSPITAL

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: IDENTIFY AOU INPATIENT SITE

This option will loop thru the PHARMACY AOU STOCK FILE (#58.1) and locate all "ACTIVE" AOU's that do not have an INPATIENT SITE defined.

=> DRUG CLOSET

INPATIENT SITE: SOUTH HOSPITAL

=> MED ROOM 1

INPATIENT SITE: SOUTH HOSPITAL

=> MED ROOM 2

INPATIENT SITE: SOUTH HOSPITAL

=> MED ROOM 3

INPATIENT SITE: SOUTH HOSPITAL

LOOP COMPLETED!

Example 3: No AOU's found without an Inpatient Site

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH HOSPITAL

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: IDENTIFY AOU INPATIENT SITE

This option will loop thru the PHARMACY AOU STOCK FILE (#58.1) and locate all "ACTIVE" AOU's that do not have an INPATIENT SITE defined.

ALL ACTIVE AOU'S HAVE INPATIENT SITE DEFINED!!

Supervisor's Menu

2.7 Show AOU Status for AMIS (80 column) [PSGW AOU RET/AMIS CT PRINT]

The data presented in this report was entered using the *Identify AOU Returns & AMIS Count* option. The fields shown to you on this report include AREA OF USE NAME, INPATIENT SITE, RETURNS CREDITED TO, and COUNT ON AMIS. It would be advantageous for you to make sure that this data is correct before conducting inventories with version 2.3 of the AR/WS software. If information is not entered for these fields for each AOU, the software will use these defaults: For each AOU, returns will be credited to automatic replenishment, and the AOU will be counted for AMIS statistics when the "BEGIN COLLECTING AMIS DATA NOW?"

Example: Show AOU Status for AMIS (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH HOSPITAL

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: SHOW AOU Status for AMIS (80 column)

This option prints a list of active AOU's displaying the following data:

1. INPATIENT SITE
2. RETURNS CREDITED TO
3. COUNT ON AMIS

Right margin for this report is 80 columns.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows.....

AOU LISTING - RETURNS AND AMIS COUNT
PRINTED: MAY 26,1993

PAGE: 1

AREA OF USE (AOU)	INPATIENT SITE	RETURNS CREDITED TO	COUNT ON AMIS?
CARDIAC CATH LAB	SOUTH HOSPITAL	AR	YES
DENTAL CLINIC	SOUTH HOSPITAL	WS	YES
MED ROOM 1	SOUTH HOSPITAL	AR	YES
MED ROOM 2	SOUTH HOSPITAL	WS	YES
MED ROOM 3	SOUTH HOSPITAL	AR	YES
DRUG CLOSET	SOUTH HOSPITAL	AR	YES

END OF REPORT! Press <RETURN> to return to Menu:<RET>

3.0 Management Reports [PSGW MGT REPORTS]

This menu gives access to various management reports, including the printing of the AMIS report. There are currently seven options on this menu.

AR/WS AMIS Report . . .
Cost Report Per AOU (80 column)
Single Item Cost Report (80 column)
High Cost Report (80 column)
High Volume Report (80 column)
Duplicate Entry Report (132 column)
Standard Cost Report (132 column)

After the *Prepare AMIS Data* options are completed, you may get printouts from all of the above reports (with the exception of the AMIS report) on existing data in your data base. Thus, you will be able to print out historical cost and volume reports. These reports must sort through large amounts of data, especially if the report is printed for a number of months.

Note: It is highly recommended that you queue the reports to run during the off hours at a time that does not conflict with system backup.

In order to queue a report, at the "DEVICE" prompt, enter a "Q". You will then be asked, "QUEUE TO PRINT ON DEVICE:". Enter the device number of the printer to which you wish to send the report. The next question is: "REQUESTED START TIME: NOW//". Enter the time that you wish for the report to begin.

3.1 AR/WS AMIS Report [PSGW AMIS]

This menu contains options which allow you to 1) supply missing information which is needed before the AMIS report will print; 2) print the AMIS report; and 3) recalculate the AMIS report. The three suboptions on this menu are

Incomplete AMIS Data
Print AMIS Report (132 column)
Recalculate AMIS

How does the AR/WS AMIS work? How is the data stored and printed? The diagram on page 79 illustrates this process. Basically, the data is input by any of five options: *Enter/Edit Quantity Dispensed*, *Input AOU Inventory*, *Enter/Edit On-Demand Request*, *Delete an On-Demand Request*, or *Return Items for AOU*. The data collected includes date of inventory, method of order, AOU, drug number, and quantity. This data is stored in a "temporary" location in order to speed up the interactive on-line input process. Each night, the TaskMan queues an option (*PSGW UPDATE AMIS STATS*) to loop through this "temporary" location. For each entry, the routine to calculate the AMIS data is called to store the data in AR/WS STATS file (#58.5). If complete information is available in the DRUG file for the drug/item, then AMIS data is calculated and stored in the "cumulative" portion of the AR/WS STATS file. However, if complete information is not available in the DRUG file for an item, then drug information is stored in the "incomplete" portion of the AR/WS STATS file. The missing data must be supplied via the *Incomplete AMIS Data* option before the AMIS report will print. When you select the *Print AMIS Report* option, if the needed data is available (drug cost, AMIS conversion number, AMIS field), then the report prints for the selected date range. After checking the report, if the numbers are inconsistent with manual estimates, it is possible that you may need to adjust AMIS conversion numbers, cost, etc. Refer back to the Data for AMIS Stats Report. Use the *AMIS Data Enter/Edit (Single Drug)* option to adjust drug data. Then use the *Recalculate AMIS* option to recompile the AMIS data. After the recompilation has finished, return to the *Print AMIS Report* option to reprint the report.

Since the data in the AR/WS STATS file is stored by Inpatient Site as well as by date, any of the AMIS transactions (described above) for AOU's that do not have an Inpatient Site designation or have an INVALID Inpatient Site will be flagged by the nightly job (*PSGW UPDATE AMIS STATS*). A MailMan message will be sent to all holders of the PSGWMGR security key informing them of the need to supply the missing information.

[Examples of the MailMan messages follows on the next page.]

Example: Message sent for MISSING DATA:

Subj. UPDATE AR/WS AMIS STATS/MISSING DATA 06 AUG 93 09:30 19 Lines
 From: INPATIENT PHARMACY AR/WS in 'IN' basket.

 ***** MISSING DATA NOTIFICATION *****

On AUG 6,1993, the nightly job to update AR/WS AMIS Stats file (#58.5) was unable to process the AMIS activity for the following AOU:

1. MED ROOM 3

The above AOU is missing an INPATIENT SITE assignment in the PHARMACY AOU STOCK file (#58.1). Until this information is supplied, NO AMIS data can be stored for the AOU.

One of the following Supervisor options may be used to supply the missing data:

1. Create the Area of Use
2. Identify AOU INPATIENT SITE

*** Please note that the AMIS data for the listed AOU has NOT been lost. It will be picked up the next time the nightly job runs AFTER an Inpatient Site assignment has been made!!

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

Example: Message sent for INVALID DATA:

Subj. UPDATE AR/WS AMIS STATS/INVALID DATA 06 AUG 93 09:30 18 Lines
 From: INPATIENT PHARMACY AR/WS in 'IN' basket.

 ***** INVALID DATA NOTIFICATION *****

On AUG 6,1993, the nightly job to update AR/WS AMIS Stats file (#58.5) identified INVALID Inpatient Site data in the PHARMACY AOU STOCK file (#58.1) for the following AOU:

1. MED ROOM 3
 =>currently has an Inpatient Site assignment of NURSING HOME

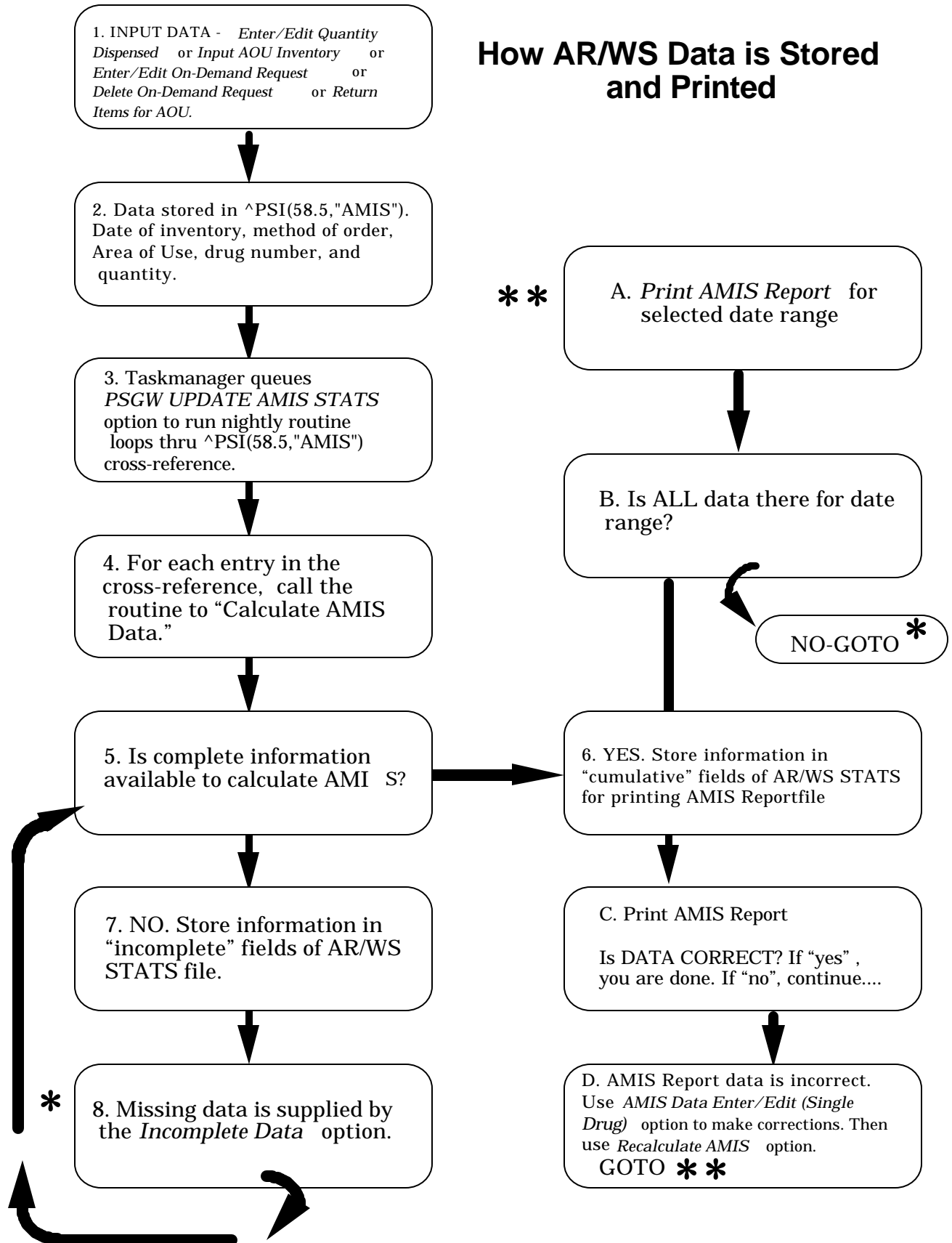
Until a VALID Inpatient Site selection (i.e. an Inpatient Site that has been flagged as 'Selectable for AR/WS' in the INPATIENT SITE file (#59.4)) is made for the above AOU, NO AMIS data can be stored. The Inpatient Site field can be edited through the Supervisor option 'Create the Area of Use'.

*** Please note that the AMIS data for the listed AOU has NOT been lost. It will be picked up the next time the nightly job runs AFTER a VALID Inpatient Site assignment has been made!!

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

Supervisor's Menu

How AR/WS Data is Stored and Printed



3.1.1 Incomplete AMIS Data [PSGW CLEAR AMIS EXCEPTIONS]

When quantity dispensed is entered for an item on an inventory or an on-demand is entered for an item or a returned item is entered into the computer, the system saves the data in a "temporary" location. A background job runs at night to calculate and move the information out of this "temporary" location into the AR/WS STATS file. If data is not available in the DRUG file for the item (cost data, AMIS category, or AMIS conversion number), then the system did not have the information to calculate AMIS. So, the date, drug number, quantity dispensed, and method (e.g., AR, WS, or return) are "saved". Also, an "exceptions" cross-reference is set for the date/drug.

Before an accurate AMIS report can be printed for a selected date range, these "exceptions" must be cleared up. In fact, if you attempt to print the AMIS report and there are "exceptions" in the cross-reference, you will not be allowed to continue until needed data is supplied. If you have completed all of the *Prepare AMIS Data* options, then the only exceptions will likely come from on-demands which were not previously in the AR/WS drug list.

This option loops through the "exceptions" cross-reference for the selected date range. You will be shown the drugs which had incomplete data on those dates, and will be asked to supply the needed information. After the system verifies that the needed data is indeed in the DRUG file, the doses/units and cost are calculated and added to the AMIS statistics, and the "exceptions" cross-reference is deleted.

If there are no exceptions for the date range, the following message is displayed: "No AMIS exceptions for selected dates."

Example: Incomplete AMIS Data

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: AR/WS AMIS Report

Select AR/WS AMIS Report Option: INComplete AMIS Data

This option will show AR/WS drugs for which information is missing.
The information MUST be supplied before the AMIS report can be printed.

BEGINNING date for AMIS report: 3 1 93 (MAR 01, 1993)

ENDING date for AMIS report: T (JUN 10, 1993)

Do you want to print a worksheet first? NO// Y (YES)

The right margin for this worksheet is 80
You may queue it to run at a later time.

DEVICE: [queue report here or send to designated device]

..... report follows.....

Supervisor's Menu

INCOMPLETE AMIS DATA WORKSHEET
FOR PERIOD MAR 1,1993 to JUN 10,1993

PAGE 1
JUN 10,1993@16:28

=> DRUG	PRICE PER ORDER UNIT	DISPENSE UNITS PER ORDER UNIT	AR/WS AMIS CATEGORY	AR/WS AMIS CONVERSION #

=> ACETONE	2.00	_____	1	1
=> DIGOXIN TAB 0.125MG	0.74	30	1	_____
=> POLYESTRADIOL INJ 40MG	_____	1	_____	1

[If you queued the report, it would be necessary to go back into the option from the beginning to do the editing of the missing data.]

[If you did not queue the report, you will see the following prompt:]

Do you wish to edit incomplete data now? YES// Y (YES)

==> Information incomplete for: ACETONE

PRICE PER ORDER UNIT: 2// <RET>
DISPENSE UNITS PER ORDER UNIT: 240
AR/WS AMIS CATEGORY: 1 // <RET>
AR/WS AMIS CONVERSION NUMBER: 1// <RET>

==> Information incomplete for: DIGOXIN TAB 0.125MG

PRICE PER ORDER UNIT: .74// <RET>
DISPENSE UNITS PER ORDER UNIT: 30// <RET>
AR/WS AMIS CATEGORY: 1 // <RET>
AR/WS AMIS CONVERSION NUMBER: 1

==> Information incomplete for: POLYESTRADIOL INJ 40MG

PRICE PER ORDER UNIT: 8.90
DISPENSE UNITS PER ORDER UNIT: 1// <RET>
AR/WS AMIS CATEGORY: 1 Field 06 or 07 - Units of Issue
AR/WS AMIS CONVERSION NUMBER: 1// <RET>

DATA COMPLETE!!

Select AR/WS AMIS Report Option: <RET>

3.1.2 Print AMIS Report (132 column) [PSGW PRINT AMIS REPORT]

This option prints the AR/WS AMIS report for a selected date range. The report will detail doses by type, units of issue, fluids and administration sets, and blood products. For each of these categories, the report lists the AMIS field, doses or units dispensed, cost of dispensed, doses or units returned, cost of returns, total dispensed, total cost, and average cost per dose or unit and identifies whether the category is associated with the Inpatient Segment 158 or the Outpatient Segment 157.

The doses or units dispensed column is computed by multiplying the quantity dispensed by the AMIS conversion number entered by the *Prepare AMIS Data* options. The cost column is computed by multiplying the quantity dispensed by the price per dispense unit from the DRUG file. At the bottom of the AMIS report, there is a summary of the fields which are to be recorded on AMIS broken down by Inpatient Segment 158 and Outpatient Segment 157.

If a site is reporting multiple Inpatient Site AMIS statistics this option will print a separate AMIS report for each Inpatient Site. The report may be queued to run at a later time. However as this report is *not* CPU intensive, you may print the report immediately with no adverse effects.

Example: Print AMIS Report (132 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: AR/WS AMIS Report

Select AR/WS AMIS Report Option: PRINT AMIS Report (132 column)
Earliest date for which you have AMIS data is: JAN 29,1993

OCT 31, 1993 at 23:23:24 is the last date that AMIS Statistics were updated by the nightly TaskMan routine.

BEGINNING date for AMIS report: 6-1 (JUN 01, 1993)
ENDING date for AMIS report: 6-30 (JUN 30, 1993)

The right margin for this report is 132.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Supervisor's Menu

AUTOMATIC REPLENISHMENT/WARD STOCK AMIS REPORT
FOR INPATIENT SITE: SOUTH HOSPITAL

FROM JUN 1,1993 TO JUN 30,1993
1,1993@13:04

PRINTED ON: NOV

(INPATIENT SEGMENT 158)
DOSES BY TYPE:

AVERAGE PER FIELD	DOSES DISPENSED	COST OF DISPENSED	DOSES RETURNED	COST OF RETURNS	TOTAL DISPENSED	TOTAL COST	COST DOSE
-------------------------	--------------------	----------------------	-------------------	--------------------	--------------------	---------------	--------------

0.41	03	505	205.81	0	0.00	505	205.81
0.00	04	0	0.00	0	0.00	0	0.00
0.41	05	505	205.81	0	0.00	505	205.81

UNITS OF ISSUE:

AVERAGE PER FIELD	UNITS DISPENSED	COST OF DISPENSED	UNITS RETURNED	COST OF RETURNS	TOTAL DISPENSED	TOTAL COST	COST UNIT
-------------------------	--------------------	----------------------	-------------------	--------------------	--------------------	---------------	--------------

67.05	06	89	5967.75	0	0.00	89	5967.75
0.02	07	40	0.90	0	0.00	40	0.90
46.27	08	129	5968.65	0	0.00	129	5968.65

FLUIDS AND ADMINISTRATION SETS:

AVERAGE PER FIELD	DISPENSED	COST OF DISPENSED	RETURNED	COST OF RETURNS	TOTAL DISPENSED	TOTAL COST	COST DOSE
-------------------------	-----------	----------------------	----------	--------------------	--------------------	---------------	--------------

5.98	17	4	23.92	0	0.00	4	23.92
5.98	18	4	23.92	0	0.00	4	23.92

(OUTPATIENT SEGMENT 157)
BLOOD AND BLOOD PRODUCTS:

AVERAGE PER FIELD	DISPENSED	COST OF DISPENSED	RETURNED	COST OF RETURNS	TOTAL DISPENSED	TOTAL COST	COST DOSE
-------------------------	-----------	----------------------	----------	--------------------	--------------------	---------------	--------------

Supervisor's Menu

22 1043 1336.61 78 213.19 965 1123.41
1.16

SUMMARY OF REPORTED FIELDS:

INPATIENT SEGMENT 158		OUTPATIENT SEGMENT 157	
-----		-----	
FIELD 03	505	FIELD 22	1123.41
FIELD 04	0		
FIELD 05	0.41		
FIELD 06	89		
FIELD 07	40		
FIELD 08	46.27		
FIELD 17	4		
FIELD 18	5.98		

3.1.3 Recalculate AMIS [PSGW RECALCULATE AMIS]

The purpose of this option is to correct the AMIS when data entry errors have caused the results to be inaccurate. After the AMIS report has been printed, if you discover that the price per order unit, dispense units per order unit, AMIS category, or AMIS conversion number is incorrect for any item, this option allows you to recalculate the AMIS report. If the *Prepare AMIS Data* options were done carefully, and the Data for AMIS Stats report was reviewed and corrected, recalculation should not be necessary.

If data entry errors are discovered, use the *AMIS Data Enter/Edit (Single Drug)* option to enter the correct information. Then use *Recalculate AMIS* to recompile AMIS data for the selected date range. After you enter the beginning and ending dates for recalculation, the job is automatically queued to run in the background. Obviously, recalculation for a short period of time (i.e., a few days), will be much quicker than recalculating an entire month. You will be notified by MailMan when the recalculation is completed.

Finally, after MailMan notification, return to the *Print AMIS Report* option to print the corrected AMIS. It is suggested, at least at first, that you print the AMIS frequently and compare with manual records for accuracy.

Example: Recalculate AMIS [PSGW RECALCULATE AMIS]

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: AR/WS AMIS Report

Select AR/WS AMIS Report Option: REcalculate AMIS

This option should be used ONLY if you have discovered and CHANGED cost data, AMIS category, or AMIS conversion number in the Drug file. Recalculation will use the new data to calculate AMIS stats.

BEGINNING date for RECALCULATION : 6-1 (JUN 01, 1993)

ENDING date for RECALCULATION: 6-30 (JUN 30, 1993)

I will now DELETE ALL AMIS DATA from JUN 1,1993 to JUN 30,1993 and RECALCULATE.

Are you SURE that is what you want to do? NO// YES

This job will automatically be queued to run in the background.
You will be notified by MailMan when the recalculation is completed.

RECALCULATE AMIS DATA queued!

[An example of the MailMan message follows.]

Example: MailMan Message for Recalculate AMIS Data

Subj: AR/WS AMIS RECALCULATION 30 Jun 93 11:28 2 Lines
From: INPATIENT PHARMACY AR/WS in 'IN' basket.

AR/WS AMIS RECALCULATION FROM JUN 1,1993
TO JUN 30,1993 IS NOW COMPLETED.

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

Supervisor's Menu

3.2 Cost Report Per AOU (80 column) [PSGW COST PER AOU]

In order for this report to be accurate, the DRUG file must contain the correct price per dispense unit. This data should have been entered through the *Prepare AMIS Data* options on the *Supervisor's Menu*.

This report may be printed for a date range which you select, and you may choose to print it for a single Area of Use, several Areas of Use, or for ALL Areas. You will be given the option of printing a "complete report" or a "summary report". The report is in three parts. The first section will show, for the date range and AOU, all drugs with total quantity dispensed and cost (if you opt for the "complete report") or just a total line for quantity dispensed and cost (if you opt for the "summary report").

The second part of the report occurs *only* if the Area of Use has wards or locations and services defined for the AOU. This part presents a breakdown of cost by ward/location and cost by service. It shows the defined wards/locations, percentage of total, and cost per ward/location. If services are defined, it shows the defined services, percentage of ward/location, and cost per service.

The third part of the report occurs *only* if more than one AOU is selected. Summary pages print at the end giving total costs for all wards/locations and services for the reporting period. Obviously, AOU's with no associated wards/locations or services will not be included in this summary.

Right margin for this report is 80. You may queue the report to print at a later time.

Example 1: Complete Cost Report Per AOU (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: COST Report Per AOU (80 column)

Before printing this report, be sure accurate data exists for drug cost.
Use "Prepare AMIS Data": "Enter AMIS Data for All Drugs/All AOU's".

BEGINNING date for report: 6/1 (JUN 26, 1993)

ENDING date for report: 6/30 (JUN 10, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Supervisor's Menu

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1
 Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Do you want to print:
 (1) A complete report
 (2) Totals and Summaries only

Enter '1' or '2': 1

The right margin for this report is 80.
 You may queue the report to print at a later time.

DEVICE: *[queue report here or send to a designated device]*

..... report follows

COST REPORT FROM JUN 1,1993 TO JUN 30,1993

PAGE 1

DATE: JUN 10,1993@13:18

AREA OF USE	QUANTITY DISPENSED	COST
ITEM		

==> MED ROOM 1		
ACETAMINOPHEN 500MG/15CC ELIX.	1	0.01
ACETAMINOPHEN SUPP 650MG	1	100.00
ACETONE	7	0.06
ASPIRIN SUPP 650MG	100	100.00
BUSULFAN TAB 2MG	3	0.30
CASTOR OIL 60ML U.D.	1	0.40
DISULFIRAM TAB 250MG	3	0.01
SODIUM BICARBONATE 50ML SYR 8.4%	2	5.50

TOTAL	118	206.28

MED ROOM 1

COST PER WARD/LOCATION

WARD/LOC	% OF TOTAL	COST

2 WEST	50	103.14
2 NORTH	50	103.14

COST PER SERVICE

WARD/LOC	SERVICE	% OF WARD/LOC	COST

2 WEST:	NEUROLOGY	100	103.14
2 NORTH:	CARDIOLOGY	100	103.14

Supervisor's Menu

Example 2: Totals ONLY and Summary Cost Report Per AOU (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH HOSPITAL

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: COST Report Per AOU (80 column)

Before printing this report, be sure accurate data exists for drug cost.
Use "Prepare AMIS Data": "Enter AMIS Data for All Drugs/All AOU's".

BEGINNING date for report: 6/1 (JUN 26, 1993)

ENDING date for report: 6/30 (JUN 10, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Do you want to print:

- (1) A complete report
- (2) Totals and Summaries only

Enter '1' or '2': 2

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows.....

Supervisor's Menu

COST REPORT FROM JUN 1,1993 TO JUN 30,1993

PAGE 1

DATE: JUN 10,1993@13:18

AREA OF USE	QUANTITY DISPENSED	COST

==> MED ROOM 1		
	TOTAL	
	118	206.28

MED ROOM 1

COST PER WARD/LOCATION

WARD/LOC	% OF TOTAL	COST

2 WEST	50	103.14
2 NORTH	50	103.14

COST PER SERVICE

WARD/LOC SERVICE	% OF WARD/LOC	COST

2 WEST: NEUROLOGY	100	103.14
2 NORTH: CARDIOLOGY	100	103.14

Supervisor's Menu

3.3 Single Item Cost Report (80 column) [PSGW SINGLE ITEM COST]

In order for this report to be accurate, the DRUG file must contain the correct price per dispense unit. This data should have been entered through the *Prepare AMIS Data* options on the *Supervisor's Menu*.

This report may be printed for a date range which you select, and you may choose to print it for a single Area of Use, several Areas of Use, or for ALL Areas. The report shows, for the date range and item, the Areas of Use, quantity dispensed for each Area, and cost for that AOU. There is also a total line giving total quantity dispensed and cost for the item.

Right margin for this report is 80. You may queue the report to print at a later time.

Example: Single Item Cost Report (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: SINGle Item Cost Report (80 column)

Before printing this report, be sure accurate data exists for drug cost.
Use "Prepare AMIS Data": "Enter AMIS Data for All Drugs/All AOU's".

BEGINNING date for report: 6 1 93 (JAN 01, 1993)

ENDING date for report: 6 30 93 (JUN 30, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

Select PHARMACY AOU STOCK AREA OF USE (AOU): ^ALL

Select ITEM: ACETAMINOPHEN 325 MG/CODEINE 30 MG

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: [queue report here or send to designated device]

..... report follows.....

COST REPORT FROM JUN 1,1993 TO JUN 30,1993
DATE: AUG 10,1993@13:07

PAGE 1

ITEM: ACETAMINOPHEN 325MG/CODEINE 30MG TAB

AREA OF USE	QUANTITY DISPENSED	COST
DRUG CLOSET	29	1.02
1 WEST MEDS	21	0.74
TOTAL	50	1.75

3.4 High Cost Report (80 column) [PSGW HIGH COST]

In order for this report to be accurate, the DRUG file must contain the correct price per dispense unit. This data should have been entered through the *Prepare AMIS Data* options on the *Supervisor's Menu*.

This option allows you to see drugs/items dispensed in order of cost (highest to lowest) or alphabetically by item. This report may be printed for a selected date range, and for one or all Areas of Use. If you select ALL AOU's, the drug costs will be totaled for all AOU's for which the "COUNT ON AMIS?" field is set to "YES". Thus if you select all AOU's, this report *will not* include totals from those AOU's set up for internal inventory purposes. It shows cost and quantity dispensed for the drug during the time frame.

You will be asked for a cut off amount for the report. For example, you may only want to see drugs with a total cost greater than or equal to \$25. If you press <RETURN> at the "Select CUT OFF amount" prompt, then all drugs will be shown on the report.

The right margin for this report is 80. You may queue the report to print at a later time.

Example 1: High Cost Report (80 column) Sorted by Cost, Highest to Lowest

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: HIGH COST Report (80 column)

Before printing this report, be sure accurate data exists for drug cost.
Use "Prepare AMIS Data": "Enter AMIS Data for All Drugs/All AOU's".

BEGINNING date for report: 6 1 93 (JUN 01, 1993)

ENDING date for report: 6 30 93 (JUN 30, 1993)

You may select a single AOU,
or enter "^ALL" to get cumulative volume for all AOU's.
ALL will show only AOU's with "Count on AMIS" field set to "YES".

Select PHARMACY AOU STOCK AREA OF USE (AOU): ^ALL

The High Cost Report will show all drugs with a total cost greater than a specified cut off amount. It will NOT list costs less than the amount you specify below.

Supervisor's Menu

Select CUT OFF amount: 1

You may print by either of these sorting methods:

- (1) By COST (Highest to Lowest)
- (2) Alphabetical by ITEM

Select SORT ORDER for report (enter 1 or 2): 1

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows

HIGH COST REPORT AR/WS - FOR ALL AOUS PAGE 1
TOTAL COST GREATER THAN OR EQUAL TO \$1
FROM JUN 1,1993 TO JUN 30,1993

DATE: AUG 10,1993@13:09

ITEM	TOTAL COST	QUANTITY DISPENSED
HETASTARCH INJ 6% 500ML	141.90	6
ALBUMIN, NORMAL SERUM HUMAN 12.5GM/50ML	138.00	5
ACETAMINOPHEN SUPP 650MG	100.00	1
ASPIRIN SUPP 650MG	100.00	100
ACETAZOLAMIDE INJ 500MG	11.96	2
SODIUM BICARBONATE 50ML SYR 8.4%	5.50	2
ACETAMINOPHEN 325MG/CODEINE 30MG TAB	1.75	50
HEPARIN 1,000 UNIT/ML 10ML INJ	1.26	30

of Items: 8

Example 2: High Cost Report (80 column) Sorted Alphabetically by Item

Select Management Reports Option: HIGH COST Report (80 column)

Before printing this report, be sure accurate data exists for drug cost.
Use "Prepare AMIS Data": "Enter AMIS Data for All Drugs/All AOUS".

BEGINNING date for report: 6 1 93 (JUN 01, 1993)
ENDING date for report: 6 30 93 (JUN 30,1993)

You may select a single AOU,
or enter "^ALL" to get cumulative cost for all AOUS.
ALL will show only AOUS with "Count on AMIS" field set to "YES".

Select PHARMACY AOU STOCK AREA OF USE (AOU): ^ALL

Supervisor's Menu

The High Cost Report will show all drugs with a total cost greater than a specified cut off amount. It will NOT list costs less than the amount you specify below.

Select CUT OFF amount: 1

You may print by either of these sorting methods:

- (1) By COST (Highest to Lowest)
- (2) Alphabetical by ITEM

Select SORT ORDER for report (enter 1 or 2): 2

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

HIGH COST REPORT AR/WS - FOR ALL AOUS
TOTAL COST GREATER THAN OR EQUAL TO \$1
FROM JUN 1,1993 TO JUN 30,1993

PAGE 1

DATE: AUG 10,1993@13:10

ITEM	TOTAL COST	QUANTITY DISPENSED
ACETAMINOPHEN 325MG/CODEINE 30MG TAB	1.75	50
ACETAMINOPHEN SUPP 650MG	100.00	1
ACETAZOLAMIDE INJ 500MG	11.96	2
ALBUMIN, NORMAL SERUM HUMAN 12.5GM/50ML	138.00	5
ASPIRIN SUPP 650MG	100.00	100
HEPARIN 1,000 UNIT/ML 10ML INJ	1.26	30
HETASTARCH INJ 6% 500ML	141.90	6
SODIUM BICARBONATE 50ML SYR 8.4%	5.50	2

of Items: 8

Supervisor's Menu

3.5 High Volume Report (80 column) [PSGW HIGH VOLUME]

In order for this report to be accurate, the DRUG file must contain the correct price per dispense unit. This data should have been entered through the *Prepare AMIS Data* options on the *Supervisor's Menu*.

This option allows you to see drugs/items in order of quantity dispensed. This report may be printed for a selected date range, and for one or all Areas of Use. If you select ALL AOU's, the quantity dispensed will be totaled for all AOU's for which the "Count on AMIS?" field is set to "YES". Thus if you select all AOU's, this report *will not* include totals from those AOU's set up for internal inventory purposes. The report prints all drugs in order by total quantity dispensed, for the AOU (or for all AOU's). It shows total quantity dispensed and cost for the drug during the time frame.

You will be asked for a "cut off" quantity for the report. For example, if you only want to see drugs with a total quantity dispensed greater than or equal to 50, enter "50" at the "Select CUT OFF quantity:" prompt. If you press <RETURN> at the "CUT OFF
rugs will be shown on the report.

The right margin for this report is 80. You may queue the report to print at a later time.

Example: High Volume Report (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: HIGH VOLume Report (80 column)

BEGINNING date for report: 6 1 93 (JUN 01, 1993)

ENDING date for report: 6 30 93 (JUN 30, 1993)

You may select a single AOU,
or enter "^ALL" to get cumulative volume for all AOU's.
ALL will show only AOU's with "Count on AMIS" field set to "YES".

Select PHARMACY AOU STOCK AREA OF USE (AOU): ^ALL

The High Volume Report will show all drugs with a total quantity dispensed greater than a specified cut off amount. It will NOT list quantities less than the amount you specify below.

Select CUT OFF quantity: 1

The right margin for this report is 80.
 You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows.....

HIGH VOLUME REPORT AR/WS - FOR ALL AOUS PAGE 1
 TOTAL QUANTITY DISPENSED GREATER THAN OR EQUAL TO 1
 FROM JUN 01,1993 TO JUN 30,1993

ITEM	DATE: JUL 02,1993@14:26 QUANTITY DISPENSED	TOTAL COST
ASPIRIN SUPP 650MG	100	100.00
ACETAMINOPHEN 325MG/CODEINE 30MG TAB	50	1.75
HEPARIN 1,000 UNIT/ML 10ML INJ	30	1.26
ACETONE	7	0.06
HETASTARCH INJ 6% 500ML	6	141.90
ALBUMIN, NORMAL SERUM HUMAN 12.5GM/50ML	5	138.00
BUSULFAN TAB 2MG	3	0.30
DISULFIRAM TAB 250MG	3	0.01
ACETAZOLAMIDE INJ 500MG	2	11.96
SODIUM BICARBONATE 50ML SYR 8.4%	2	5.50
ACETAMINOPHEN 500MG/15CC ELIX.	1	0.01
ACETAMINOPHEN SUPP 650MG	1	100.00
CASTOR OIL 60ML U.D.	1	0.40

of Items: 13

3.6 Duplicate Entry Report (132 column) [PSGW DUPLICATE REPORT]

This option lists all duplicate entries in the ITEM subfile (#58.11) of the PHARMACY AOU STOCK file (#58.1). The user can choose to print the report for one item, a few items, or all of the items. The report will give a listing of all inventory, return, and on-demand activity for the items chosen.

If duplicate entries do exist, please execute the following procedures to clean the subfile:

1. With the information on the report, choose the duplicate that needs to be removed.
2. Inactivate the chosen item in the option *Inactivate AOU Stock Item*.
3. Enter a phrase such as "Do not choose" in the LOCATION field of the inactivated item. The option Item Location Codes - Enter/Edit will allow the user to edit the LOCATION field.

The inactive item will be purged from the subfile 100 days from the date of the item's last activity.

Example: Duplicate Entry Report

Select INPATIENT PHARMACY MENU Option: **AUTOM**atic Replenishment

Enter AR/WS Inpatient Site Name: **SOUTH** Hospital

Select Automatic Replenishment Option: **SUP**ervisor's Menu

Select Supervisor's Menu Option: **MAN**agement Reports

Select Management Reports Option: **D**uplicate Entry Report (132 column)

Duplicate Entries Exist in the ITEM subfile (58.11) of the PHARMACY AOU STOCK file (#58.1) for the Following Drugs:

1. BLEOMYCIN INJ 15 UNIT: DRUG CLOSET
2. DEXTROTHYROXINE SODIUM 2MG TAB AOU: DRUG CLOSET

You may select one drug or
enter "^ALL" to select all drugs.

Print report for which drug: 1

The right margin for this report is 132.
 You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

*** DUPLICATE ENTRY REPORT ***

DRUG: BLEOMYCIN INJ 15 UNIT
 PAGE 1

AOU: DRUG CLOSET
 Internal Entry #: 5
 Pointer in file 50: 3

-----INVENTORIES:

DATE/TIME FOR INVENTORY	COMPILED INTO AMIS	DISPENSE QUANTITY	ON HAND
JUN 15,1993@15:42	NO	9	3

RETURNS:

DATE OF RETURN	RETURN QUANTITY	COMPILED INTO AMIS	RETURN REASON(S)
JUN 15,1993	2	YES NO	OVER STOCK EXPIRED

ON-DEMANDS:

DATE/TIME DATE/TIME FOR ON-DEMAND EDITED	QUANTITY DISPENSED	ENTERED BY	COMPILED INTO AMIS	EDITED BY	LAST
MAR 1,1993@15:54		NURSE,NANCY	YES		
MAR 5,1993@12:31		NURSE,NANCY	YES		
MAR 5,1993@14:26		NURSE,NANCY	YES		
MAR 26,1993@10:03		NURSE,NANCY	YES		
APR 8,1993@14:16		NURSE,NANCY	YES		
APR 8,1993@14:23		NURSE,NANCY	YES		
MAY 9,1993@12:15		NURSE,NANCY	YES		
MAY 10,1993@11:49		NURSE,NANCY	YES		
JUN 1,1993@15:33	50	NURSE,NANCY	YES		

Supervisor's Menu

DRUG: BLEOMYCIN INJ 15 UNIT
PAGE 2

AOU: DRUG CLOSET
Internal Entry #: 5
Pointer in file 50: 3

----INVENTORIES:

DATE/TIME FOR INVENTORY	COMPILED INTO AMIS	DISPENSE QUANTITY	ON HAND

JUN 15,1993@15:42	NO	9	3

RETURNS:
No returns shown

ON-DEMANDS:
No returns shown

3.7 Standard Cost Report (132 column) [PSGW STANDARD COST REPORT]

The Standard Cost Report lists the cost for items in one AOU, several AOU's, all AOU's, or an inventory group. This cost represents the dollar amount needed to bring each item from zero to its maximum stock level.

The TOTAL COST field is computed by multiplying the item's stock level by the AR/WS conversion factor found in the DRUG file and then by price per dispense unit found in the DRUG file.

The right margin for this report is 132 column. You may queue the report to print at a later time.

Example 1: Standard Cost Report for an Inventory Group

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: SOUTH Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: MANagement Reports

Select Management Reports Option: Standard Cost Report (132 column)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I'): I

Select AOU INVENTORY GROUP NAME: DAY SHIFT

This Inventory Group contains the following AOU(s):

- #1 MEDICATION ROOM
- #2 MEDICATION ROOM
- #3 MEDICATION ROOM

The right margin for this report is 132.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to a designated device]*

..... *report follows*

PAGE 1
AUG 17,1993

Standard Cost Report

ITEM	AOU	LEVEL	AR/WS CONVERSION FACTOR	UNIT COST	TOTAL COST
==>#1 MEDICATION ROOM					
DEXTROTHYROXINE SODIUM 2MG TAB	(	6	) X 2	0.5760	= 6.9120
MEPHOBARBITAL 50MG TAB	(	2	) X 20	0.0770	= 3.0800
DYPHYLLINE GG ELIXIR	(	100	) X 20	1.4290	= 2858.0000
PENICILLIN G POTASSIUM 200000U TAB	(	3	) X 20	0.0200	= 1.2000

Total for #1 MEDICATION ROOM -----> 2869.1920
Press RETURN to continue or '^' to exit: <RET>

Standard Cost Report

PAGE 2
AUG 17,1993

ITEM	AOU	LEVEL	AR/WS CONVERSION FACTOR	UNIT COST	TOTAL COST
==>#2 MEDICATION ROOM					
DEXTROTHYROXINE SODIUM 2MG TAB	(	6	) X 2	0.5760	= 6.9120
MEPSORIDAZINE 25MG/ML SOLN	(	10	) X 20	8.4200	= 1684.0000
DYPHYLLINE GG ELIXIR	(	100	) X 20	1.4290	= 2858.0000
SODIUM CHLORIDE 0.9% INJ 50 ML	(	DATA MISSING	) X 20	0.0050	= DATA MISSING
METOPROLOL TARTRATE 100MG TAB	(	DATA MISSING	) X 20	0.1650	= DATA MISSING
METOPROLOL TARTRATE 500MG TAB	(	DATA MISSING	) X 20	0.0930	= DATA MISSING

Total for #2 MEDICATION ROOM -----> 4548.9120

Example 2: Standard Cost Report for an AOU

Select Management Reports Option: STandard Cost Report (132 column)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I'): A

Select PHARMACY AOU STOCK AREA OF USE (AOU): #1 MEDICATION ROOM

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

The right margin for this report is 132.

You may queue the report to print at a later time.

DEVICE: *[queue report here or send to a designated device]*

DEVICE: *[queue report here or send to a designated device]*

..... *report follows*

Supervisor's Menu

Standard Cost Report

PAGE 1
AUG 17, 1993

ITEM	AOU	LEVEL	AR/WS CONVERSION FACTOR	UNIT COST	TOTAL COST
==>#1 MEDICATION ROOM					
DEXTROTHYROXINE SODIUM 2MG TAB	(	6	2	X 0.5760	= 6.9120
MEPHOBARBITAL 50MG TAB	(	2	20	X 0.0770	= 3.0800
DYPHYLLINE GG ELIXIR	(	100	20	X 1.4290	= 2858.0000
PENICILLIN G POTASSIUM 200000U TAB	(	3	20	X 0.0200	= 1.2000
----->					
Total for #1 MEDICATION ROOM					2869.1920

4.0 Obsolete Data Purge [PSGW PURGE]

This option is locked with the "PSGW PURGE" key, and only the Inpatient Pharmacy Package Coordinator, or his/her designee should be assigned this key. There are currently two suboptions allowing files to be purged.

AMIS Data Purge
Purge Dispensing Data

The amount of old data to be retained is a site specific decision. It is highly recommended that you keep data for at least one quarter. Use caution when choosing dates for deletion so as not to destroy needed data. These options delete the data from your files, and it is *not able to be recovered*.

Supervisor's Menu

4.1 AMIS Data Purge [PSGW PURGE AMIS]

The purpose of this option is to purge old data from AR/WS AMIS STATS file (#58.5). Data should be kept in the file for at least one quarter to be able to produce the quarterly AMIS report. Use caution when choosing dates for deletion so as not to destroy needed data. The routine will not allow data newer than "T-100 days" to be deleted. The routine is automatically queued to run in the background.

Example: AMIS Data Purge

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: OBSolete Data Purge

Select Obsolete Data Purge Option: AMIS Data Purge

This option will purge data from file PSI(58.5) - AMIS stats file.
You should retain the data for at least 1 quarter.
Therefore, the option will NOT ALLOW DELETION of data newer than "T-100".

Purge AMIS data older than (and including): T-100// <RET> (MAY 01,1993)

I will now delete AMIS data that is older than (and including) MAY 01,1993
Are you SURE that is what you want to do? NO// ?

Answer "yes" if you wish to purge AMIS data.

Answer "no" or <return> if you do not.

I will now delete AMIS data that is older than (and including) MAY 01,1993
Are you SURE that is what you want to do? NO// YES
AMIS purge queued!

4.2 Purge Dispensing Data [PSGW PURGE FILES]

The purpose of this option is to purge old data from files PHARMACY AOU STOCK file (#58.1), PHARMACY BACKORDER file (#58.3), and PHARMACY AOU INVENTORY file (#58.19). Data should be kept in the files for at least one quarter or as far back as your site might choose to know the usage, cost, etc. Use caution when choosing dates for deletion so as not to destroy needed data. The routine will not allow data newer than "T-100 days" to be deleted. The routine is queued to run in the background at a time that you select. Since the routine is CPU intensive, it should be queued to run in the off hours. It is highly recommended that you delete no more than 2 months data at a time.

The routine looks at inventory numbers that fall in the delete date range you selected. It loops through all automatic replenishment inventories, on-demand requests, and returns. Any inventories with outstanding backorders will not be deleted until the backorder is marked filled. (It may be beneficial to print the AOU Backorder Report to see if there are any old backorders that have been forgotten before running the *Purge Dispensing Data* option.) Inventory data that falls within the selected date range will be deleted in this loop. If there are drugs in an AOU which are inactivated and the inactivation date is before the "end date for deletion", and the drugs have no inventory activity, these will be deleted from the AOU. Finally, any AOU which is not in an AOU Inventory Group and which contains no drugs (because they were inactivated and thus deleted in the above loop), will be deleted from File 58.1.

Note: As long as an AOU is in an AOU Inventory Group, it will not be deleted. This relates to those AOU's which have no standard stock because they are used for on-demand requests only.

Example: Purge Dispensing Data

Select INPATIENT PHARMACY MENU Option: **AUTOM**atic Replenishment

Enter AR/WS Inpatient Site Name: **GEN**eral Hospital

Select Automatic Replenishment Option: **SUP**ervisor's Menu

Select Supervisor's Menu Option: **OBS**olete Data Purge

Select Obsolete Data Purge Option: **PURGE** Dispensing Data

This option will purge data from files PSI(58.1), PSI(58.3), and PSI(58.19). You should retain the data for at least 1 quarter. Therefore, the option will NOT ALLOW DELETION of data newer than "T-100".

****WARNING****

Since this option is CPU intensive,
it should be QUEUED to run in the "off" hours!

Supervisor's Menu

Purge INVENTORY data older than (and including): T-100// <RET> (MAY 01,1993)

I will now delete INVENTORY data that is older than (and including) MAY 01,1993

Are you SURE that is what you want to do? NO// YES

Requested Start Time: NOW//AUG 30@2000 (AUG 30,1993@20:00)

INVENTORY purge queued!

5.0 [PSGW PURGE INVENTORY]

This option is a background job which should be scheduled through TaskMan to run each night at a convenient time. The routine should run nightly; therefore, the rescheduling frequency is "1D". The purpose of the option is to purge the ^PSI(58.19,"AINV") global. This global location is the storage place for inventory sheets which have been printed. The data should remain in the global for a 100 day period. After that time, it is unlikely that the data will be needed. Therefore the data is purged from the system through this background job.

Using the TaskMan Manager's *Schedule/unschedule Task Man tasks* option, select the *PSGW PURGE INVENTORY* option. At the "QUEUED TO RUN AT WHAT TIME:" prompt, enter "T@" followed by the time you choose for the job to begin. The time should be one that does not conflict with system backup. At the "RESCHEDULING FREQUENCY:" prompt, enter "1D". The "DEVICE" prompt should remain blank since this is a background job.

Example: How to Schedule a TaskMan Task

Select Systems Manager Menu Option: TASKMan Manager

Select TaskMan Manager Option: SCHEDULE/unschedule Task Manager tasks

Select OPTION to schedule or re-schedule: PSGW PURGE INVENTORY

QUEUED TO RUN AT WHAT TIME: T@2200

DEVICE FOR QUEUED JOB OUTPUT: <RET>

RESCHEDULING FREQUENCY: 1D

Select OPTION to schedule or re-schedule: <RET>

6.0 [PSGW RE-INDEX AMIS]

This option will allow a user to queue a background job that will re-index the "AMIS" cross-reference for inventories, on-demands, and returns from a user selected date in the past to the present. This cross-reference is important because this is where the nightly job to update the AMIS STATS file (#58.5) gets the data for the update. If this cross-reference is somehow destroyed, it is very important to rebuild it. Though it is possible to accomplish this through VA FileMan (by re-indexing the INVENTORY subfield DISPENSE QUANTITY, the RETURNS subfield RETURN QUANTITY, and the ON-DEMAND subfield ON-DEMAND QUANTITY in the PHARMACY AOU STOCK file (#58.1)), this option is a quicker and easier alternative. This option is not tied to any menu, but may be hooked into a menu at the site's discretion.

Note: This option is CPU intensive and should be queued only in the "off" hours. Also, it should only be run if there is strong evidence that the "AMIS" cross-reference has been destroyed or corrupted.

The following is an example of how a site might choose to place this option on a menu. For this example, suppose a site has chosen to place it under the Supervisor's menu *Prepare AMIS Data*:

Example: Editing an option through MENU MANAGEMENT:

```
Select OPTION NAME: EVE   Systems Manager Menu

Select Systems Manager Menu Option: MENU management

Select Menu Management Option: EDIT options

Select OPTION to edit: PSGW PREPARE AMIS DATA   Prepare AMIS Data
NAME: PSGW PREPARE AMIS DATA// <RET>
MENU TEXT: Prepare AMIS Data// <RET>
OUT OF ORDER MESSAGE: <RET>
LOCK: <RET>
DESCRIPTION:
  1>Main option for preparing data base with AR/WS AMIS data.
EDIT Option: <RET>
CREATOR: POSTMASTER//   (No Editing)
HELP FRAME: <RET>
PRIORITY: <RET>
PROHIBITED TIMES: <RET>
TYPE: menu// <RET>
Select ITEM: PSGW RE-INDEX AMIS   Re-index AMIS Cross-Reference
  ARE YOU ADDING 'PSGW RE-INDEX AMIS' AS A NEW MENU (THE 8TH FOR THIS
  OPTION)? Y (YES)
  MENU SYNONYM: <RET>
  SYNONYM: <RET>
  DISPLAY ORDER: <RET>
Select ITEM: <RET>
```

CODE EXECUTED WHEN LEAVING THIS MENU:
MENU EXIT ACTION: <RET>

CODE EXECUTED WHEN ENTERING THIS MENU:
ACTION: <RET>

Select OPTION to edit: <RET>

Select Menu management Option: <RET>

Example: Re-index AMIS Cross-Reference

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: SUPervisor's Menu

Select Supervisor's Menu Option: PREPare AMIS Data

Select Prepare AMIS Data Option: RE-index AMIS Cross-Reference

This option will re-index the "AMIS" cross-reference for Inventories, On-DemandRequests, and Returns for a date range beginning with the START DATE you specify to the time the job runs.

** WARNING **
Since this option is CPU intensive,
it should be QUEUED to run in the "off" hours!

Select START DATE for re-index: 1 1 93 (JAN 01, 1993)

The "AMIS" cross-reference will now be re-indexed starting from JAN 1,1993.

Are you SURE that is what you want to do? NO// ?
Enter 'YES' if you are satisfied with the selected date range.
Enter 'NO' or '^' if you wish to abort the re-indexing.

Are you SURE that is what you want to do? NO// Y (YES)
Requested Start Time: NOW// *[At this point, queue the job for the desired time.]*

"AMIS" cross reference re-indexing queued!

7.0 [PSGW UPDATE AMIS STATS]

This option is a background job which should be scheduled through TaskMan to run each night at a convenient time. The routine should run nightly; therefore, the rescheduling frequency is "1D". The purpose of the option is to loop through the "temporary" storage location where the day's inventory data is stored. The routine calculates the AMIS field, AMIS quantities and cost. It then stores the data in the AR/WS STATS file and finally, deletes the data from the "temporary" storage area.

Using the TaskMan Manager's *Schedule/unschedule Task Manager tasks* option, select the *PSGW UPDATE AMIS STATS* option. At the "QUEUED TO RUN AT WHAT TIME:" prompt, enter "T@" followed by the time you choose for the job to begin. At the "RESCHEDULING FREQUENCY:" prompt, enter "1D". The "DEVICE" prompt should remain blank since this is a background job.

Example: How to Schedule a TaskMan Task

Select Systems Manager Menu Option: TASKMan Manager

Select TaskMan Manager Option: SCHEDULE/unschedule Task Manager tasks

Select OPTION to schedule or re-schedule: PSGW UPDATE AMIS STATS

QUEUED TO RUN AT WHAT TIME: T@2200

DEVICE FOR QUEUED JOB OUTPUT: <RET>

RESCHEDULING FREQUENCY: 1D

Select OPTION to schedule or re-schedule: <RET>

Possible problems encountered by PSGW UPDATE AMIS STATS:

In the course of updating the AR/WS Stats File (#58.5), this option may identify several problems that will result in a MailMan message being sent to holders of the PSGWMGR key. The following are examples of the problems and the messages that they would generate:

Example 1: Missing or invalid Inpatient Site data

Since the data in the AR/WS STATS file is stored by Inpatient Site as well as by date, any of the AMIS transactions for AOU's that do not have an Inpatient Site designation or have an INVALID Inpatient Site will be flagged by the nightly job PSGW UPDATE AMIS STATS. A MailMan message will be sent to all holders of the PSGWMGR security key informing them of the need to supply the missing information.

[Examples of the MailMan messages follow on the next page.]

Example: Message sent for Missing Data:

Subj. UPDATE AR/WS AMIS STATS/MISSING DATA 06 AUG 93 09:30 19 Lines
 From: INPATIENT PHARMACY AR/WS in 'IN' basket.

***** MISSING DATA NOTIFICATION *****

On AUG 6,1993, the nightly job to update AR/WS AMIS Stats file (#58.5) was unable to process the AMIS activity for the following AOU:

1. MED ROOM 3

The above AOU is missing an INPATIENT SITE assignment in the PHARMACY AOU STOCK file (#58.1). Until this information is supplied, NO AMIS data can be stored for the AOU.

One of the following Supervisor options may be used to supply the missing data:

1. Create the Area of Use
2. Identify AOU INPATIENT SITE

*** Please note that the AMIS data for the listed AOU has NOT been lost. It will be picked up the next time the nightly job runs AFTER an Inpatient Site assignment has been made!!

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

Example: Message sent for Invalid Data:

Subj. UPDATE AR/WS AMIS STATS/INVALID DATA 06 AUG 93 09:30 18 Lines
 From: INPATIENT PHARMACY AR/WS in 'IN' basket.

***** INVALID DATA NOTIFICATION *****

On AUG 6,1993, the nightly job to update AR/WS AMIS Stats file (#58.5) identified INVALID Inpatient Site data in the PHARMACY AOU STOCK file (#58.1) for the following AOU:

1. MED ROOM 3
 =>currently has an Inpatient Site assignment of NURSING HOME

Until a VALID Inpatient Site selection (i.e. an Inpatient Site that has been flagged as 'Selectable for AR/WS' in the INPATIENT SITE file (#59.4)) is made for the above AOU, NO AMIS data can be stored. The Inpatient Site field can be edited through the Supervisor option 'Create the Area of Use'.

*** Please note that the AMIS data for the listed AOU has NOT been lost. It will be picked up the next time the nightly job runs AFTER a VALID Inpatient Site assignment has been made!!

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

Example 2: Non-Pharmacy items found in AOUs

Non-Pharmacy packages, such as SURGERY, have the ability to flag certain drugs in the DRUG file (#50) for their exclusive use. This is accomplished by putting a package specific code in the DRUG file field called APPLICATION PACKAGES' USE. Drugs that are flagged for non-pharmacy packages are *not* selectable by AR/WS for on-demands or to be used as stock items in AOUs. It is possible, however, for non-pharmacy packages to flag drugs *after* they have been defined in an AOU. This can cause a very confusing situation for AR/WS users when they are unable to do an on-demand request on the drug in question. The following is an example of what they would see if they try to look at the drug through the option *Stock Items - Enter/Edit*.

Example: Message sent for Non-Pharmacy Items:

Subj. NON-PHARMACY ITEMS FOUND 06 AUG 93 09:30 17 Lines
From: INPATIENT PHARMACY AR/WS in 'IN' basket.

On AUG 6,1993, the nightly job to update AR/WS AMIS Stats file (#58.5) identified the following items in the following AOUs that have been marked in the Drug file (#50) for NON-PHARMACY use.

ITEM	AOU
1. DIGOXIN	MED ROOM 1 DRUG CLOSET
2. DIAZEPAM	DRUG CLOSET

It will be necessary to either inactivate these items in the AOUs or mark the items for PHARMACY use in the Drug file. For further explanation, please refer to item #7 ([PSGW UPDATE AMIS STATS]) under the Supervisor's Menu in the AR/WS version 2.3 USER MANUAL.

Select MESSAGE Action: IGNORE (in IN basket)// <RET>

At this point it would be necessary for Pharmacy to determine if each drug is truly a non-pharmacy item, in which case it should be inactivated in the AOU. It will eventually be purged from the AOU by the option *Purge Dispensing Data*. If, however, Pharmacy determines that the drug has been incorrectly flagged by the non-pharmacy package it will be necessary to have that package remove the non-pharmacy code from the field APPLICATION PACKAGES' USE in the DRUG file.

Production Menu

Production Menu

Chapter Two: Production Menu

[PSGW WARD STOCK]

This menu provides access to the options that are used routinely in the normal Automatic Replenishment/Ward Stock operations. There are currently eleven suboptions on this menu. They include

- Inventory Sheet Print (132 column)*
- Single AOU Inventory Print (132 column)*
- Delete Inventory Date/Time*
- Input AOU Inventory*
- Pick List (132 column)*
- Enter/Edit Quantity Dispensed*
- On-Demand Requests . . .*
- Backorder Requests . . .*
- Return Items for AOU*
- Crash Cart Menu . . .*
- Auto Replenishment Reports . . .*

Getting Out of an Option

To stop what you are doing, enter an up-arrow (^). You can use the up-arrow at any prompt to terminate the line of questioning and return to the previous level in the routine. Continue entering up-arrows to completely exit from the system.

1.0 Inventory Sheet Print (132 column) [PSGW INVENTORY SHEET]

This option prints the AOU inventory sheet used to conduct an inventory. The columns shown on this report are directly affected by the way in which your site parameters are set. Refer to the *Site Parameter* option under the *Supervisor's Menu* for more information on establishing the site parameters.

If you are conducting an actual "physical count" of the items in an AOU, entering the on hand amounts into the computer, and printing a pick list to pick the items to send to the AOU, then you will need a column on the inventory sheet to record the on hand quantity. If this is what you wish to do, then the "MERGE INV. SHEET AND PICK LIST" site parameter should be set to "NO".

If you "visually" check the stock in the Area of Use for an item and place stock on the shelf, then you will need a column on the inventory sheet to enter the quantity dispensed. If this is what you wish to do, then the "MERGE INV. SHEET AND PICK LIST" site parameter should be set to "YES".

Regardless of your stocking method, if you wish to have a column on the inventory sheet to record returns, and the reason for the return, then the "PRINT RETURN COLUMNS?" site parameter should be set to "YES". The return reason codes have - expired, "O" - overstocked, "D" - deleted item, and "C" - change in stock level. If you do not want the return column and return reasons on the sheet, answer "NO" to the site parameter.

The first step in creating the inventory sheet is to enter the date/time for the inventory. It is beneficial to use "NOW" as the date/time, so as to create a unique inventory number which does not conflict with other inventories done on the same date. The inventory is defined by listing the AOU Inventory Groups to be included. When your AOU Inventory Groups were created, they established the AOU's and type of items to be inventoried.

After selecting AOU's, the inventory sheet should be printed. At print time, the data for the inventory is stored in a special global - the PSI(58.19,"AINV") global. The inventory is stored in this location for three weeks. There is a background job which runs in the system every night to delete all inventory data in this global which is over 100 days old. Thus, you will not be allowed to edit inventories which are 100 days old, because they are purged from the system. This does not purge the inventory itself, but only the ability to edit the inventory sheet data.

The inventory sheet prints in AOU order, item location within AOU, inventory type, and then by item name. The columns which print on the report are affected by the setting of the Site Parameters. You will always see item name, stock level, and quick codes (if you have them defined). Depending on your site parameter settings, you may also see a column for on hand, quantity dispensed, reorder level, minimum quantity to dispense, returns, and return reason.

Right margin for this report is 132. This report may be queued to print at a later time.

Production Menu

Example: Inventory Sheet Print (132 column)

Select INPATIENT PHARMACY MENU option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: INVentory Sheet Print (132 column)

SELECT DATE/TIME FOR INVENTORY: N AUG 10, 1993@14:46

ARE YOU ADDING 'AUG 10, 1993@14:46' AS

A NEW PHARMACY AOU INVENTORY (THE NTH)? Y (YES)

PHARMACY AOU INVENTORY ID: 69//

PHARMACY AOU INVENTORY PERSON DOING INVENTORY: WARD-STOCK,SUPER// <RET>

Select AOU INVENTORY GROUP: DAY SHIFT

#1 MEDICATION ROOM #2 MEDICATION ROOM #3 MEDICATION ROOM

Select AOU INVENTORY GROUP: <RET>

Do you wish to print the AOU Inventory Sheet: YES// <RET>

Right margin for this printout is 132!

DEVICE: *[queue report here or send to designated device]*

..... Merged Inv. Sheet/Pick List follows

Production Menu

WARD STOCK INVENTORY FOR AUG 11,1993@09:47:49 INVENTORY # 72 AUG 11,1993 PAGE 1
 GROUP: DAY SHIFT

ITEM	STOCK LEVEL	QUICK CODE	ON HAND	REORDER LEVEL	MINIMUM QTY TO DISPENSE	QUANTITY DISPENSED	RETURN	RETURN REASON
------	-------------	------------	---------	---------------	-------------------------	--------------------	--------	---------------

INVENTORIED/DELIVERED BY _____

#1 MEDICATION ROOM
 B BIN

RA,S3
 DEXTROTHYROXINE SODIUM 2MG TAB 6 D5W1000 _____ 1 6 _____ E O D C
 Expiration Date: DEC 12,1993
 MC MEDICINE CABINET

B2,S1
 MEPHOBARBITAL 50MG TAB 2 _____ 5 5 _____ E O D C
 Expiration Date: SEP 23,1993

WARD STOCK INVENTORY FOR AUG 11,1993@09:47:49 INVENTORY # 72 AUG 11,1993 PAGE 2
 GROUP: DAY SHIFT

ITEM	STOCK LEVEL	QUICK CODE	ON HAND	REORDER LEVEL	MINIMUM QTY TO DISPENSE	QUANTITY DISPENSED	RETURN	RETURN REASON
------	-------------	------------	---------	---------------	-------------------------	--------------------	--------	---------------

#2 MEDICATION ROOM
 B BIN

DEXTROTHYROXINE SODIUM 2MG TAB 2 _____ 1 1 _____ E O D C
 MC MEDICINE CABINET

B2,S1
 DYPHYLLINE GG ELIXIR 100 BACOT _____ 1 2 _____ E O D C
 Expiration Date: OCT 10,1993

C1,C2
 MESORIDAZINE 25MG/ML SOLN 10 LT1 _____ 1 2 _____ E O D C
 Expiration Date: DEC 14,1993
 HYDROCORTISONE 1% CREAM 30GM 4 HCl _____ 2 2 _____ E O D C

WARD STOCK INVENTORY FOR AUG 11,1993@09:47:49 INVENTORY # 72 AUG 11,1993 PAGE 3
 GROUP: DAY SHIFT

ITEM	STOCK LEVEL	QUICK CODE	ON HAND	REORDER LEVEL	MINIMUM QTY TO DISPENSE	QUANTITY DISPENSED	RETURN	RETURN REASON
------	-------------	------------	---------	---------------	-------------------------	--------------------	--------	---------------

#3 MEDICATION ROOM
 B BIN

CA,S1
 DEXTROTHYROXINE SODIUM 2MG TAB 6 DML _____ 2 6 _____ E O D C
 D DRAWER

CA,S2
 DYPHYLLINE GG ELIXIR 100 PH5 _____ 1 6 _____ E O D C
 MC MEDICINE CABINET

CC,S1
 MEPHOBARBITAL 50MG TAB 2 HP _____ 1 1 _____ E O D C

Production Menu

.....*Non-Merged Inv. Sheet/Pick List follows*.....

WARD STOCK INVENTORY FOR AUG 10,1993@14:46 INVENTORY # 69 AUG 10,1993 PAGE 1
 GROUP: DAY SHIFT
 ITEM

STOCK LEVEL	QUICK CODE	ON HAND	RETURN	RETURN REASON
-------------	------------	---------	--------	---------------

INVENTORIED/DELIVERED BY _____

#1 MEDICATION ROOM
 B BIN

RA,S3	DEXTROTHYROXINE SODIUM 2MG TAB Expiration Date: DEC 12,1993 MC MEDICINE CABINET	6	_____	_____	E O D C
B2,S1	MEPHOBARBITAL 50MG TAB Expiration Date: SEP 23,1993	2	_____	_____	E O D C

WARD STOCK INVENTORY FOR AUG 10,1993@14:46 INVENTORY # 69 AUG 10,1993 PAGE 2
 GROUP: DAY SHIFT
 ITEM

STOCK LEVEL	QUICK CODE	ON HAND	RETURN	RETURN REASON
-------------	------------	---------	--------	---------------

#2 MEDICATION ROOM
 B BIN

CC,S1	DEXTROTHYROXINE SODIUM 2MG TAB MC MEDICINE CABINET	6	_____	_____	E O D C
CC,S1	DYPHYLLINE GG ELIXIR Expiration Date: OCT 10,1993	100	_____	_____	E O D C
CA,S2	MESORIDAZINE 25MG/ML SOLN Expiration Date: DEC 14,1993	10	_____	_____	E O D C

WARD STOCK INVENTORY FOR AUG 10,1993@14:46 INVENTORY # 69 AUG 10,1993 PAGE 3
 GROUP: DAY SHIFT
 ITEM

STOCK LEVEL	QUICK CODE	ON HAND	RETURN	RETURN REASON
-------------	------------	---------	--------	---------------

#3 MEDICATION ROOM
 B BIN

RA,S3	DEXTROTHYROXINE SODIUM 2MG TAB D DRAWER	6	_____	_____	E O D C
B2,S1	DYPHYLLINE GG ELIXIR MC MEDICINE CABINET	100	_____	_____	E O D C
REF,S2	MEPHOBARBITAL 50MG TAB	2	_____	_____	E O D C

2.0 Single AOU Inventory Print (132 column) [PSGW INVENTORY SINGLE]

This option will print an inventory sheet for a single AOU that is included in the inventory date/time. This option is meant primarily to be used as a means of avoiding a reprint of a lengthy inventory sheet when there has been a problem such as a printer jam.

Example: Single AOU Inventory Print

Select INPATIENT PHARMACY MENU option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: Single AOU Inventory Print (132 column)

This option will print an Inventory Sheet for a single AOU that is included in an existing Inventory Date/Time.

```

SELECT DATE/TIME FOR INVENTORY: 8 11 93    AUG 11, 1993
  1      8-11-1993@09:18:48      WARD-STOCK,SUPER      WED
    DAY SHIFT
  2      8-11-1993@09:47:49      WARD-STOCK,SUPER      WED
    DAY SHIFT
  3      8-11-1993@10:08:25      WARD-STOCK,SUPER      WED
    DAY SHIFT
CHOOSE 1-3: 2
    
```

The following AOU's are included on this Inventory Sheet:

- #1 MEDICATION ROOM
- #2 MEDICATION ROOM
- #3 MEDICATION ROOM

Select AOU: #1 MEDICATION ROOM

Right margin for this printout is 132!

DEVICE: *[queue report here or send to designated device]*

.....*Merged Single AOU Inventory Print List follows*.....

Production Menu

WARD STOCK INVENTORY FOR AUG 11,1993@09:47:49 INVENTORY # 72 AUG 11,1993 PAGE 1

GROUP: DAY SHIFT	ITEM	STOCK LEVEL	QUICK CODE	ON HAND	REORDER LEVEL	MINIMUM QTY TO DISPENSE	QUANTITY DISPENSED	RETURN	RETURN REASON
INVENTORIED/DELIVERED BY _____									
#1 MEDICATION ROOM									
B BIN									
B1,S1	DEXTROTHYROXINE SODIUM 2MG TAB	6	D5W1000	_____	1	6	_____	_____	E O D C
	Expiration Date: DEC 12,1993								
	MC MEDICINE CABINET								
B2,S1	MEPHOBARBITAL 50MG TAB	2		_____	5	5	_____	_____	E O D C
	Expiration Date: SEP 23,1993								

..... Non-Merged Single AOU Inventory Print List follows.....

WARD STOCK INVENTORY FOR AUG 10,1993@14:46 INVENTORY # 69 AUG 10,1993 PAGE 1

GROUP: DAY SHIFT	ITEM	STOCK LEVEL	QUICK CODE	ON HAND	RETURN	RETURN REASON
INVENTORIED/DELIVERED BY _____						
#1 MEDICATION ROOM						
B BIN						
RA,S3	DEXTROTHYROXINE SODIUM 2MG TAB	6		_____	_____	E O D C
	Expiration Date: DEC 12,1993					
	MC MEDICINE CABINET					
CA,S2	MEPHOBARBITAL 50MG TAB	2		_____	_____	E O D C
	Expiration Date: SEP 23,1993					

3.0 Delete Inventory Date/Time [PSGW DELETE INVENTORY]

This option may be used to delete an Inventory Sheet that was created erroneously.

Note: The *only* Inventory Sheets that may be deleted are those that *have not* been printed.

Example 1: Delete Inventory Date/Time

Select INPATIENT PHARMACY MENU option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: DELete Inventory Date/Time

*** READY TO DELETE ***

Select DATE/TIME FOR INVENTORY to be deleted: 71 6-10-1993@15:19:00
SMITH,J.D. FRI MED ROOM 1 (ONLY)

First, let me check for existing entries in other files for this Inventory Date.
.....

None found.

Are you sure you want to delete this Inventory Sheet ? NO// Y (YES)
...Deleted

Example 2: Inventory Date/Time which cannot be deleted

Select DATE/TIME FOR INVENTORY to be deleted: 66 6-17-1993@07:47:00
SMITH,J.D.. THU MED ROOM 1 (ONLY)

First, let me check for existing entries in other files for this Inventory Date.
.....

*** There are entries in the PHARMACY AOU STOCK FILE (#58.1) for this DATE/TIME FOR INVENTORY for MED ROOM(S):

MED ROOM 1

Because this Inventory Date is pointed to, it cannot be deleted at this time.

Select DATE/TIME FOR INVENTORY to be deleted: <RET>

4.0 Input AOU Inventory [PSGW AOU INVENTORY INPUT]

This option is accessible only if the "MERGE INV. SHEET AND PICK LIST" site parameter is set to "NO".

After each AOU has been manually inventoried, the amount on hand needs to be entered into the computer. At the "Select DATE/TIME FOR INVENTORY:" prompt, you may enter the inventory number from the top of the inventory sheet, or you may enter the actual date/time. You will then be prompted with items in the order that they appear on the inventory sheet. At the "ON-HAND" prompt, you may enter the amount on-hand, or you may press <RET> and the system will enter the item stock level as the quantity on-hand. Also, at the "ON-HAND:" prompt, you may enter an up-arrow (^), followed by an item name to jump to another item.

If you have the "PRINT RETURN COLUMNS" site parameter answered "YES", then you may wish to mark returns and return reason on the Inventory Sheet at the time the inventory is conducted. Subtract the return quantity from the amount on hand and enter the result at the "ON-HAND" prompt in order for the pick list to calculate the correct number to pick. For example, if there are 8 items on the shelf, but 2 are being returned, then there are actually only 6 left on the shelf, so you should enter "6" at the "ON-HAND" prompt. You should then use the *Return Items for AOU* option to enter the returns.

You will notice that it takes a little while to enter on hand amounts. The system must subtract on hands from the stock level to determine Quantity to be Dispensed and store this information. Additionally, with the new fields, REORDER LEVEL and MINIMUM QUANTITY TO DISPENSE, adjustments will be made accordingly to the Quantity to be Dispensed if these fields are defined. For example, suppose the following set ups for an item in an AOU:

Example 1: Input AOU Inventory

ITEM	STOCK LEVEL	REORDER LEVEL	MIN. QTY TO DISPENSE
MYLANTA II SUSP (OZ)	12		

=> ON-HAND AMOUNT: 10 = QUANTITY TO BE DISPENSED: 2			

For this case, since the REORDER LEVEL and the MINIMUM QTY TO DISPENSE fields are blank, the system will calculate a Quantity to be Dispensed of "2".

Example 2: Input AOU Inventory

ITEM	STOCK LEVEL	REORDER LEVEL	MIN. QTY. TO DISPENSE
MYLANTA II SUSP (OZ)	12	6	6
=> ON-HAND AMOUNT: 10 = QUANTITY TO BE DISPENSED: 0			

For this case, suppose a site has decided that they do not wish to have any amounts dispensed for this item until the on-hand amount has dropped to at least “6”. Furthermore, because this item comes in packages of “6”, they have decided that the minimum quantity of this item to be dispensed is “6”. Now, the system will calculate a Quantity to be Dispensed of “0” since the reorder level has not been reached. Finally, the system must enter the quantity dispensed into the AMIS statistics, and enough data must be retained to be able to recalculate the AMIS if necessary.

Example 3: Input AOU Inventory

Select INPATIENT PHARMACY MENU option: AUTOMATIC Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: INPUT AOU Inventory

SELECT DATE/TIME FOR INVENTORY: 66 7-13-1993@07:47:00 SMITH,J.D. THU
MED ROOM 1 (ONLY)

Select AREA OF USE: MED ROOM 1// <RET>

ITEM: ACETONE
ON-HAND: 3

ITEM: BLEOMYCIN INJ 15 UNIT
ON-HAND: 1

ITEM: SODIUM CHLORIDE 0.9% 1000ML IRRIGATION
ON-HAND: 6

ITEM: DEXTROSE 5% IN WATER 1000ML
ON-HAND: 1

ITEM: BUSULFAN TAB 2MG
ON-HAND: 5

ITEM: DISULFIRAM TAB 250MG
ON-HAND: 1

ITEM: BACITRACIN OINTMENT 1OZ
ON-HAND: 2

ITEM: CLOTRIMAZOLE 1% CREAM
ON-HAND: 0

Production Menu

ITEM: HYDROCORTISONE 1% CREAM 30GM
ON-HAND: 1

ITEM: DOMOL BATH & SHOWER OIL
ON-HAND: 2

ITEM: HEXACHLOROPHENE DET. 5OZ
ON-HAND: 5

ITEM: HYDROGEN PEROXIDE SOLN 480ML
ON-HAND: 1

ITEM: ISOPROPYL ALCOHOL 70% 480ML
ON-HAND: 4

ITEM: CHLORAMBUCIL TAB 2MG
ON-HAND: 1
ITEM: TIMOLOL 0.25% OP.SOL. 10ML
ON-HAND: 2

ITEM: KETO-DIASTIX 100'S
ON-HAND: 2

ITEM: ATROPINE SULFATE INJ 0.4MG/ML, 20ML
ON-HAND: 1

ITEM: DEXTROSE 50% 50ML SYRINGE
ON-HAND: 1

ITEM: DIAZEPAM 5MG/ML 2ML AMP
ON-HAND: 4

ITEM: EPINEPHRINE INJ 1:1000 1ML (AMPUL)
ON-HAND: 2

ITEM: GLUCAGON INJ 1MG
ON-HAND: 2

ITEM: HEPARIN 1,000 UNIT/ML 10ML INJ
ON-HAND: 5

ITEM: LIDOCAINE 1% INJ 30ML
ON-HAND: 2

ITEM: SODIUM BICARBONATE 50ML SYR 8.4%
ON-HAND: 4

-
-
-

[This report has been abbreviated to save space.]

Select Production Menu Option: <RET>

5.0 Pick List (132 column) [PSGW INVENTORY PICK LIST]

This option is accessible only if the “MERGE INV. SHEET AND PICK LIST” site parameter is set to “NO”.

If you are conducting an actual physical count of the stock in an AOU, and entering the on hand amounts into the computer, the pick list indicates the quantities to dispense. If an item requires no action for this inventory (amount to be dispensed is zero), the item does not appear on the pick list.

The pick list consists of two parts. The first part prints in the same format as the inventory sheet. The report prints item name, stock level, the on hand amount, amount on backorder, and the amount to be dispensed. The “TO BE DISPENSED” amount is automatically computed when the on hand amount is entered. There is also a column to record the amount dispensed if it is less than the “TO BE DISPENSED” amount (i.e., to be dispensed amount is 25, but the supply is low, and you are only able to dispense 10). If an item is a controlled substance, a line is printed on the pick list which may be used for the receiving person’s signature. The AR/WS package determines that an item is a controlled substance if the code in the DEA, SPECIAL HDLG field of the DRUG file (#50) contains an “A”.

The second part of the pick list is used by the pharmacy to pick the items. The list sorts on the INPATIENT PHARMACY LOCATION field (which is a field in the DRUG file), and then sorts on item name within pharmacy location. INPATIENT PHARMACY LOCATION is a location code similar to the Item Location Codes which identify where items are stored in the Area of Use; however, this location identifies where the item is located within inpatient pharmacy storage. You could use VA FileMan to enter the INPATIENT PHARMACY LOCATION values for AR/WS items if you wish. You may elect to have part two of the pick list print with: 1) a total for each item on the pick list, or 2) sub-totals for each item within each AOU, with an item total. This second part of the pick list prints item name, quantity to be dispensed, and a column to record the actual quantity picked. This column is for information only.

You may queue the pick list to print at a later time. The right margin for this report is 132.

Example 1: Pick List with Print total for each item on pharmacy pick list

```
Select INPATIENT PHARMACY MENU option: AUTOMatic Replenishment]
Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: PICK List (132 column)
SELECT DATE/TIME FOR INVENTORY: 66 7-13-1993@07:47:00 SMITH,J.D. THU
MED ROOM 1 (ONLY)
Print total for each item on pharmacy pick list? Y// <RET>
Right margin for this printout is 132!
```

DEVICE: *[queue report here or send to designated device]*

Production Menu

..... *report follows*

Production Menu

WARD STOCK PICK LIST FOR JUL 13,1993@07:47 INVENTORY # 66 AUG 18,1993 PAGE 1
 GROUP: MED ROOM 1 (ONLY)

INVENTORIED BY _____

ITEM	STOCK LEVEL	QUICK CODE	ON HAND	BACKORDERED	TO BE DISPENSED	ACT DISPENSED IF < TO BE	

MED ROOM 1							
ACETONE	10		3		0	7	_____
BLEOMYCIN INJ 15 UNIT	3		1		0	2	_____
CUR CLEAN UTILITY ROOM							
RA,S3							
DEXTROSE 5% IN WATER 1000ML	12	D5W1	1		0	11	_____
MR MEDICINE ROOM							
B2,S1							
BUSULFAN TAB 2MG	10		5		0	5	_____
C1,C2							
DISULFIRAM TAB 250MG	2		1		0	1	_____
CA,S1							
CLOTTRIMAZOLE 1% CREAM	4	CLT1	0		0	4	_____
HYDROCORTISONE 1% CREAM 30GM	4	HCL1	3		0	7	_____
CA,S2							
DOMOL BATH & SHOWER OIL	8	DML	1		0	3	_____
HYDROGEN PEROXIDE SOLN 480ML	2	HP	2		0	6	_____
CA,S3							
CHLORAMBUCIL TAB 2MG	5		1		0	1	_____
CC,S1							
ATROPINE SULFATE INJ 0.4MG/ML,20ML	3	AT20	1		0	4	_____
DEXTROSE 50% 50ML SYRINGE	5	D5DSY	1		0	2	_____
HEPARIN 1,000 UNIT/ML 10ML INJ	12	H1000	1		0	4	_____
LIDOCAINE 1% INJ 30ML	3	LID1	5		0	7	_____
CC,S4							
PSYLLIUM HYDROPHILIC MUCILLOID 140	2	PHM	1		0	1	_____
REF,S2							
GLYCERIN SUPPOSITORIES 12'S	1	GLSUP	1		0	1	_____

WARD STOCK PHARMACY PICK LIST FOR JUL 13,1993@07:47 INVENTORY # 66 AUG 18,1993 PAGE 2
 GROUP: MED ROOM 1 (ONLY)

ITEM	TO BE DISPENSED	QUANTITY PICKED

ACETONE	7	_____
ATROPINE SULFATE INJ 0.4MG/ML,20ML	2	_____
BLEOMYCIN INJ 15 UNIT	2	_____
BUSULFAN TAB 2MG	5	_____
CHLORAMBUCIL TAB 2MG	4	_____
CLOTTRIMAZOLE 1% CREAM	4	_____
DEXTROSE 5% IN WATER 1000ML	11	_____
DEXTROSE 50% 50ML SYRINGE	4	_____
DISULFIRAM TAB 250MG	1	_____
DOMOL BATH & SHOWER OIL	6	_____
GLYCERIN SUPPOSITORIES 12'S	1	_____
HEPARIN 1,000 UNIT/ML 10ML INJ	7	_____
HYDROCORTISONE 1% CREAM 30GM	3	_____
HYDROGEN PEROXIDE SOLN 480ML	1	_____
LIDOCAINE 1% INJ 30ML	1	_____
PSYLLIUM HYDROPHILIC MUCILLOID 140Z	1	_____

Production Menu

Example 2: Pick List (132 column) with Print sub-total for each item by AOU

Select PHARMACY INPATIENT MENU option: AUTOMatic Replenishment

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: PICK List (132 column)

SELECT DATE/TIME FOR INVENTORY: 66 7-13-1993@07:47:00 SMITH,J.D. THU
 MED ROOM 1 (ONLY)

Print total for each item on pharmacy pick list? Y// N

Print sub-total for each item by AOU? Y// <RET>

Right margin for this printout is 132!

DEVICE: *[queue report here or send to designated device]*

..... report follows.....

WARD STOCK PICK LIST FOR JUL 13,1993@07:47 INVENTORY # 66 AUG 18,1993
 PAGE 1
 GROUP: MED ROOM 1 (ONLY)

INVENTORIED BY

ITEM DISPENSED TO BE	STOCK LEVEL	QUICK CODE	ON HAND	BACKORDERED	TO BE DISPENSED	ACT IF <

MED ROOM 1						
ACETONE	10		3	0	7	
BLEOMYCIN INJ 15 UNIT	3		1	0	2	

CUR CLEAN UTILITY ROOM						
RA,S3 DEXTROSE 5% IN WATER 1000ML	12	D5W1	1	0	11	

MR MEDICINE ROOM						
B2,S1 BUSULFAN TAB 2MG	10		5	0	5	

C1,C2 DISULFIRAM TAB 250MG	2		1	0	1	

CA,S1 CLOTRIMAZOLE 1% CREAM	4	CLT1	0	0	4	
HYDROCORTISONE 1% CREAM 30GM	4	HC1	3	0	7	

CA,S2 DOMOL BATH & SHOWER OIL	8	DML	1	0	3	
HYDROGEN PEROXIDE SOLN 480ML	2	HP	2	0	6	

CA,S3 CHLORAMBUCIL TAB 2MG	5		1	0	1	

Production Menu

CC,S1							
ATROPINE SULFATE INJ 0.4MG/ML,20ML	3	AT20 1	0	4			

DEXTROSE 50% 50ML SYRINGE	5	D5DSY	1	0	2		

HEPARIN 1,000 UNIT/ML 10ML INJ	12	H1000	1	0	4		

LIDOCAINE 1% INJ 30ML	3	LID1 5	0	7			

CC,S4							
PSYLLIUM HYDROPHILIC MUCILLOID 140	2	PHM 1	0	1			

REF,S2							
GLYCERIN SUPPOSITORIES 12'S	1	GLSUP	1	0	1		

Production Menu

WARD STOCK PHARMACY PICK LIST FOR JUL 13,1993@07:47 INVENTORY # 66 AUG 18,1993
 PAGE 2
 GROUP: MED ROOM 1 (ONLY)

ITEM	TO BE
QUANTITY	DISPENSED
PICKED	
-----	-----
ACETONE	MED ROOM 1 7

	TOTAL 7
-----	-----
ATROPINE SULFATE INJ 0.4MG/ML,20ML	MED ROOM 1 2

	TOTAL 2
-----	-----
BLEOMYCIN INJ 15 UNIT	MED ROOM 1 2

	TOTAL 2
-----	-----
BUSULFAN TAB 2MG	MED ROOM 1 5

	TOTAL 5
-----	-----
CHLORAMBUCIL TAB 2MG	MED ROOM 1 4

	TOTAL 4
-----	-----
CLOTRIMAZOLE 1% CREAM	MED ROOM 1 4

	TOTAL 4
-----	-----
DEXTROSE 5% IN WATER 1000ML	MED ROOM 1 11

	TOTAL 11
-----	-----
DEXTROSE 50% 50ML SYRINGE	MED ROOM 1 4

	TOTAL 4
-----	-----
DISULFIRAM TAB 250MG	MED ROOM 1 1

	TOTAL 1
-----	-----
DOMOL BATH & SHOWER OIL	MED ROOM 1 6

	TOTAL 6
-----	-----
GLYCERIN SUPPOSITORIES 12'S	MED ROOM 1 1

	TOTAL 1
-----	-----

Production Menu

HEPARIN 1,000 UNIT/ML 10ML INJ	MED ROOM 1	7
-----	-----	-----
	TOTAL	
HYDROCORTISONE 1% CREAM 30GM	MED ROOM 1	3
-----	-----	-----
	TOTAL	3
HYDROGEN PEROXIDE SOLN 480ML	MED ROOM 1	1
-----	-----	-----
	TOTAL	1
LIDOCAINE 1% INJ 30ML	MED ROOM 1	1
-----	-----	-----
	TOTAL	1
PSYLLIUM HYDROPHILIC MUCILLOID 14OZ	MED ROOM 1	1
-----	-----	-----
	TOTAL	1

6.0 Enter/Edit Quantity Dispensed [PSGW INVENTORY DISPENSE]

If you are conducting an actual "physical" count of the AOU stock, entering on hands into the computer, and printing a pick list to pick the dispense quantities, you will only use this option to edit the dispense quantities. The quantity dispensed should only be edited if the actual amount dispensed was less than the "TO BE DISPENSED" amount. The difference between the actual amount dispensed and the "D" amount is the total amount that should be on backorder. If the MERGE INV. SHEET AND PICK LIST site parameter is set to "NO", the computer computes the backorder amount for you and creates an entry in the BACKORDER file.

On the other hand, if you have the "MERGE INV. SHEET AND PICK LIST" answered "YES", you will use this option to input *all* quantities dispensed. Also, since on hand quantities are not entered by this method, the computer is unable to calculate backorders and you must enter backorders using the *Enter Backorders* option.

In this option, you will be prompted for dispensed quantity in the same order as the items appear on the inventory sheet. You may enter an up-arrow (^) and an item name or "^" and the quick code for the item at the "DISPENSE QUANTITY:" prompt to jump to another item. If you enter only "^" at the "DISPENSE QUANTITY" prompt, you will jump to another AOU if there is more than one AOU on the inventory sheet.

An inventory may only be edited within a time limitation of 100 days. There is a background task which runs in the system every night. All inventory sheet data which is over 100 days old is deleted and may no longer be edited.

You will notice that it takes a little while to enter the quantity dispensed. The system must store the quantity dispensed, as before. Additionally, the quantity dispensed must be entered into the AMIS statistics, and enough data must be retained to be able to recalculate the AMIS if necessary.

Example: Enter/Edit Quantity Dispensed

Select INPATIENT PHARMACY MENU option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: ENTER/Edit Quantity Dispensed

SELECT DATE/TIME FOR INVENTORY: 67 7-14-1993@07:58 SMITH,J.D. FRI
FIRST FLOOR (M-W-F)

Select AREA OF USE: MED ROOM 2// <RET>

ITEM: SODIUM CHLORIDE 0.9% LVP 1000ML
DISPENSE QUANTITY: 10

ITEM: DEXTROSE 5% IN WATER,1000ML
DISPENSE QUANTITY: 20

ITEM: SODIUM CHLORIDE 0.9% IRRIGATION,1000ML
DISPENSE QUANTITY: 16

ITEM: NEOSPORIN OINTMENT 30GM
DISPENSE QUANTITY: 5
ITEM: AMPICILLIN SOD. 1GM S.P.
DISPENSE QUANTITY: 3

ITEM: DIGOXIN 0.5MG/2ML S.S.
DISPENSE QUANTITY: 4

ITEM: CEFAZOLIN SOD 1GM S.P.
DISPENSE QUANTITY: 5

ITEM: STREPTOMYCIN SULFATE 1GM S.S.
DISPENSE QUANTITY: 3

ITEM: ACETAMINOPHEN 120MG/5ML EL (16OZ BT)
DISPENSE QUANTITY: 2

ITEM: PHM/DEXTROSE (14OZ CAN)
DISPENSE QUANTITY: 2

ITEM: ARTIFICIAL TEARS (15ML)
DISPENSE QUANTITY: 5

ITEM: PROPINE 0.1% OPH SOLN (10ML)
DISPENSE QUANTITY: 2

ITEM: DARVON-N SUSP
DISPENSE QUANTITY: 1

ITEM: PHENYTOIN 125MG/5ML SUSPENSION (8OZ)
DISPENSE QUANTITY: 3

ITEM: DEXTROSTIX REAGENT STRIPS (25/BTL)
DISPENSE QUANTITY: 1

ITEM: GRANULEX SPRAY (4OZ)
DISPENSE QUANTITY: 5

ITEM: BENZOIN TINCTURE USP, COMPOUND (4OZ BT)
DISPENSE QUANTITY: 2

ITEM: AMYL NITRITE INHALANT AMPULE
DISPENSE QUANTITY: 18

ITEM: PROCHLORPERAZINE 25MG SUPPOS.
DISPENSE QUANTITY: 20

ITEM: ANUSOL SUPPOSITORIES
DISPENSE QUANTITY: 12

Production Menu

Select AREA OF USE: CARDIAC CATH LAB// <RET>

ITEM: DEXTROSE 5% IN WATER,1000ML
DISPENSE QUANTITY: 12

ITEM: STERILE WATER FOR IRRIGATION,1000ML BT
DISPENSE QUANTITY: 10
ITEM: SODIUM CHLORIDE 0.9% IRRIGATION,1000ML
DISPENSE QUANTITY: 30

ITEM: BECLOMETHASONE ORAL INHALER
DISPENSE QUANTITY: 2

ITEM: BENZOCAINE OINTMENT 20% (1OZ)
DISPENSE QUANTITY: 1

ITEM: LACTULOSE SYRUP (16OZ BT)
DISPENSE QUANTITY: 1

ITEM: POTASSIUM CHLORIDE 20MEQ PKT
DISPENSE QUANTITY: 65

ITEM: KETO-DIASTIX STRIPS (100'S)
DISPENSE QUANTITY: ^ HYDROCORTISONE 1% CREAM (OZ)

ITEM: HYDROCORTISONE 1% CREAM (OZ)
DISPENSE QUANTITY: 2

ITEM: GLUCAGON 1MG S.P.
DISPENSE QUANTITY: 6

ITEM: KAOLIN AND PECTIN SUSPENSION (16OZ BT)
DISPENSE QUANTITY: 4

ITEM: MILK OF MAGNESIA SUSP (16OZ BT)
DISPENSE QUANTITY: 2

ITEM: AFRIN NASAL SPRAY (15ML)
DISPENSE QUANTITY: 2

ITEM: ATROPINE 1MG/10ML SYRINGE (BRISTOJECT)
DISPENSE QUANTITY: 4

ITEM: DIAZEPAM 5MG/ML 2ML S.S.
DISPENSE QUANTITY: 25

•
•
•

[This report has been abbreviated to save space.]

Select Production Menu Option: <RET>

7.0 On-Demand Requests [PSGW ON-DEMAND]

The *On-Demand Requests* menu gives access to all on-demand options. There are currently three suboptions on this menu. They include

Enter/Edit On-Demand Request (80 column)
Delete an On-Demand Request
Print an On-Demand Report by Date/AOU (80 column)

Additionally, there is a *Enter/Edit Nurses' On-Demand Request* option which is on the AR/WS Nurses' menu. The basic difference between the *-Demand Request* option and the Pharmacy version is that the Nurses' version does not allow an on-demand request for items that are not regularly stocked items. Thus, the AOU stock list cannot be altered with the Nurses' option. If this option is given to the nursing staff, then some agreement must be made. 1) If you choose, Nursing may enter their on-demand requests, print the report at their station, and send the paper copy to pharmacy to be filled. Using this method, you are assured that the request printed. 2) Or, Nursing may enter the on-demand requests, and at the "DEVICE:" prompt, enter a printer number for a device in the pharmacy. Someone in pharmacy would have to be responsible for removing the requests, picking the items, and distributing them to the proper Area of Use. The drawback with this approach is that the printer could be off-line, out of paper, etc., and Nursing would not know that Pharmacy did not get the request. Or alternately, 3) you may establish a scheduled time that someone in pharmacy prints the report, picks the requested items, and sends them to the AOU's. Nursing and Pharmacy must both know what time this will take place to avoid re-ordering items that were previously requested. Also, any requests for non-standard stock items from Nursing would still have to come to the pharmacy via current methods.

Note: Items dispensed through the on-demand options are counted as Ward Stock on the AMIS Report, not as Automatic Replenishment.

7.1 Enter/Edit On-Demand Request (80 column) [PSGW ON-DEMAND EDIT]

An on-demand request is the non-scheduled distribution of an item to an AOU. For AMIS purposes, an on-demand is reported in a different category than Automatic Replenishment, which is more labor intensive. On-demand requests should generally be for unique items; if regular stock items are frequently requested, then perhaps the stock levels need to be adjusted.

Since the AOU stock list can be altered with this option, it is suggested that this option remain in the pharmacy. There is an on-demand request option available for Nursing which does not allow the user to add new items to the stock list. However, on-demand requests for non-standard stock items would still have to be sent to the pharmacy in the same manner that is currently used, i.e., phone or form.

To use this option, you must enter a date/time for the on-demand request. If you will answer "NOW", a unique request is created which does not conflict with other requests, and your printout will include only those items you have requested. If you answer "TODAY", then the request is batched with all other requests for today, and the printout shows all requests placed today, regardless of who entered the request. Future dates are *not* permitted.

Additionally, you will be asked for the Area of Use, and the item being requested. If the item requested is on backorder, the backorder total is displayed, and you will be asked if you wish to continue. If the item requested is not a standard stocked item in the AOU, you will be asked if you are adding the drug as a new item to the AOU. If you answer "YES", the item will automatically be treated as a "one-time" request and will be added to the stock list with "today" as the inactivation date. Thus the item will not show up on the List Stock Items report, or the Inventory Sheet or Pick List. Finally, you will be asked to enter the quantity to be dispensed.

The following "truth-table" concerning the allowable selection of drugs for on-demands is used for this option:

If Item in:	Pharmacy AOU Stock file (#58.1)		Drug file (#50)
User Action			
	does not exist	INACTIVE	may not select
(Only for Phar.)	does not exist	ACTIVE	may select
	ACTIVE	ACTIVE	may select
(Only for Phar.)	INACTIVE	ACTIVE	may select
	ACTIVE	INACTIVE	may select *
	INACTIVE	INACTIVE	may not select

*This selection is allowed because some sites have stated that they may continue to stock an item for a time after it has been inactivated in the DRUG file.

After the on-demand request is entered, you may print a copy of the request just entered. The report shows the date of the request, Areas of Use, name of person entering the request, item name, expiration date, backorders, and quantity dispensed. If the item requested is a standard stock item, it will be flagged as such. The right margin for this report is 80.

Example: Enter/Edit On-Demand Request (80 column)

Select INPATIENT PHARMACY MENU option: AUTOMatic Replenishment
 Enter AR/WS Inpatient Site Name: GENeral Hospital
 Select Automatic Replenishment Option: PRODuction Menu
 Select Production Menu Option: ON-Demand Requests
 Select On-Demand Requests Option: ENTER/Edit On-Demand Request (80 column)

SELECT DATE/TIME FOR ON-DEMAND REQUEST: N (AUG 08, 1993@09:05)
 Select AOU: DENTAL CLINIC
 Select ITEM: HIBICLENS SOLN (GALLON)
 ARE YOU ADDING 'HIBICLENS SOLN (GALLON)' AS A NEW ITEM? Y (YES)
 ON-DEMAND QUANTITY DISPENSED: 2
 Select ITEM: MASSAGE LOTION (8OZ BT)
 ARE YOU ADDING 'MASSAGE LOTION (8OZ BT)' AS A NEW ITEM? Y (YES)
 ON-DEMAND QUANTITY DISPENSED: 6
 Select ITEM: <RET>
 Select AOU: <RET>

SELECT DATE/TIME FOR ON-DEMAND REQUEST: <RET>
 Do you wish to print a copy of this on-demand request ? N// YES

You may select a single AOU, several AOU's,
 or enter "^ALL" to select all AOU's.

Select PHARMACY AOU STOCK AREA OF USE (AOU): DENTAL CLINIC
 Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

The right margin for this report is 80 columns.
 You may queue the report to print at a late time.

DEVICE: *[queue report here or send to designated device]*
 *report follows*.....

Production Menu

ON DEMAND REQUEST LIST BY DATE

DATE: AUG 8,1993 PAGE: 1

REQUEST DATE: AUG 8,1993

ITEM	DT/TIME ORDERED	QTY	BACK- ORDER
------	-----------------	-----	----------------

==> AREA OF USE: DENTAL CLINIC

ENTERED BY: SMITH,J.D.

Next Item LAST EDITED BY: CLINE,S.B. on AUG 8,1993@10:00

HIBICLENS SOLN. (GALLON)	AUG 8,1993@09:05	2	*Std. Stock
Expiration Date: FEB 1993			
MASSAGE LOTION (8OZ BT)	AUG 8,1993@09:05	6	1 Std. Stock

7.2 Delete an On-Demand Request [PSGW ON-DEMAND DELETE]

This option allows you to delete an on-demand request. You may delete either a single item on the request, or you may delete all items on the request (i.e., the whole request). This option should be used when an on-demand request is canceled because the item is no longer needed, i.e., patient for whom item was requested has been discharged, etc.

When you use this option, the quantity dispensed for the item(s) is subtracted from the total quantity dispensed on the AMIS report. Therefore, if the item(s) has been dispensed, you should not use this option because it affects AMIS. The correct way to deal with a request which has been dispensed is to enter it into the system as a return. It will then show up correctly on AMIS as having been dispensed and returned.

To use this option, you will be asked for the request date/time. You must then answer the question, "Do you wish to delete all items on this on-demand request?". If you answer "YES", then all items on the request will be deleted. If you answer "NO", then you will be asked for the Area of Use and the item to be removed. Again, realize that answering "YES" will cause the entire request to be deleted.

Example: Delete an On-Demand Request

Select INPATIENT PHARMACY MENU option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: ON-Demand Requests

Select On-Demand Requests Option: DELETE an On-Demand Request

SELECT DATE/TIME FOR ON-DEMAND REQUEST: T@0608 (JUN 08, 1993@09:08)

Do you wish to delete ALL items on this on-demand request? N// ?__

Answer "Y" or "N". If yes, the program will loop thru all items which were requested on the date/time selected and delete the request. If no, the user will be asked for the AOU and the item will be removed.

Do you wish to delete ALL items on this on-demand request? N// <RET>

Select PHARMACY AOU STOCK AREA OF USE (AOU): DENTAL CLINIC

Select ITEM: PEN-V POTASSIUM 250MG C.T. MR,CC,S2

DENTAL CLINIC PEN-V POTASSIUM 250MG C.T. On-demand request deleted

Select ITEM: <RET>

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Select On-Demand Requests Option: <RET>

Production Menu

7.3 Print an On-Demand Report by Date/AOU (80 column) [PSGW ON-DEMAND PRINT]

The on-demand report shows the on-demand requests within a selected date range, and for one, several, or all Areas of Use. The report prints items and quantity to be dispensed, as well as the name of the person who entered the request. If the item requested is a standard stock item, it will be flagged as such. This option might be useful for tracking and analyzing on-demand requests. The right margin for this report is 80.

Example: Print an On-Demand Report by Date/AOU (80 column)

Select INPATIENT PHARMACY MENU option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: ON-Demand Requests

Select On-Demand Requests Option: PRint an On-Demand Report by Date/AOU (80 column)

BEGINNING date for report: 6 1 93 (JUN 06, 1993)

ENDING date for report: 6 8 93 (JUN 08, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

Select PHARMACY AOU STOCK AREA OF USE (AOU): ^ALL

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to a designated device]*

..... *report follows*

ON DEMAND REQUEST LIST BY DATE DATE: JUN 30,1993 PAGE: 1

REQUEST DATE: JUN 6,1993

ITEM	DT/TIME ORDERED	QTY	BACK- ORDER

==> AREA OF USE: DRUG CLOSET			
ENTERED BY: SMITH,J.D.			
HEPARIN 1,000 UNIT/ML 10ML INJ	JUN 6,1993@09:03	1	*Std. Stock
Expiration Date: NOV 1993			
ACETAMINOPHEN 325MG/COD 30MG TAB	JUN 6,1993@09:05	1	*Std. Stock
Expiration Date: FEB 1993			

Production Menu

ON DEMAND REQUEST LIST BY DATE

DATE: JUN 30,1993 PAGE: 2

REQUEST DATE: JUN 8,1993

ITEM	DT/TIME ORDERED	QTY	BACK- ORDER

==> AREA OF USE: MED ROOM 1			
ENTERED BY: SMITH,J.D.			
BUSULFAN TAB 2MG	JUN 8,1993@11:08	1	*Std. Stock
MILK OF MAGNESIA 480ML	JUN 8,1993@11:09	1	*Std. Stock
BUSULFAN TAB 2MG	JUN 8,1993@12:54	1	*Std. Stock
CASTOR OIL 60ML U.D.	JUN 8,1993@13:07	1	*Std. Stock
SODIUM BICARBONATE 50ML SYR 8.4%	JUN 8,1993@13:07	2	*Std. Stock

ON DEMAND REQUEST LIST BY DATE

DATE: JUN 30,1993 PAGE: 3

REQUEST DATE: JUN 8,1993

ITEM	DT/TIME ORDERED	QTY	BACK- ORDER

==> AREA OF USE: DRUG CLOSET			
ENTERED BY: SMITH,J.D.			
HEPARIN 1,000 UNIT/ML 10ML INJ Expiration Date: NOV 1991	JUN 8,1993@10:19	1	*Std. Stock
HEPARIN 1,000 UNIT/ML 10ML INJ Expiration Date: NOV 1991	JUN 8,1993@10:44	1	*Std. Stock
ACETAMINOPHEN 325MG/COD 30MG TAB Expiration Date: FEB 1993	JUN 8,1993@11:01	1	*Std. Stock
ACETAMINOPHEN 325MG/COD 30MG TAB Expiration Date: FEB 1993	JUN 8,1993@12:54	1	*Std. Stock

8.0 Backorder Requests [PSGW BACKORDER]

This option allows access to the backorder options. There are currently six backorder suboptions. They are

Enter Backorders
Fill Requests for Backorder Items
AOU Backorder Report (80 column)
Current (ALL) Backorder Report (80 column)
Single Item Report (80 column)
Multiple Items Report (80 column)

If the MERGE INV. SHEET AND PICK LIST site parameter is set to "NO", then you are conducting an actual physical count of the AOU stock, entering on hands into the computer, and printing a pick list to determine quantity to be dispensed. If the amount actually dispensed is less than the "TO BE DISPENSED" amount, then the difference is automatically entered into the BACKORDER file for you.

However, if the MERGE INV. SHEET AND PICK LIST Site Parameter is set to "YES", then you must enter Backorders yourself using the *Enter Backorders* option. This is because the computer does not have on hand quantities needed to calculate the backorder quantity.

The amount to be backordered is calculated in the following way: IF AMOUNT ACTUALLY DISPENSED IS LESS THAN AMOUNT TO BE DISPENSED, THEN BACKORDER = AMOUNT TO BE DISPENSED - AMOUNT ACTUALLY DISPENSED.

8.1 Enter Backorders [PSGW BACKORDER IN]

This option should be used when the MERGE INV. SHEET AND PICK LIST site parameter is set to "YES". The option is used to create an entry in the BACKORDER file (#58.3). Data must be entered into the following fields to make an entry in the PHARMACY BACKORDER file:

ITEM:

Enter the name of the drug or item being backordered.

AOU:

Enter the name of the Area of Use for which the item has been backordered.

DATE/TIME FOR BACKORDER:

Enter the date/time or an N (now) for the item being backordered.

CURRENT BACKORDER:

Enter the quantity to be backordered.

If an item, AOU, or date/time for backorder is entered in error, you may delete the entry by using the "@" (shift 2). You *must* answer all questions when entering a backorder or the backorder will be deleted.

Example: Enter Backorders

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: BACKorder Requests

Select Backorder Requests Option: ENTER Backorders

Example: Showing "complete" order

Select PHARMACY BACKORDER ITEM: BENZOCAINE OINTMENT 20% (1OZ)

ARE YOU ADDING 'BENZOCAINE OINTMENT 20% (1OZ)' AS A NEW PHARMACY BACKORDER (THE NTH)? Y (YES)

Select AOU: MED ROOM 1

Select DATE/TIME FOR BACKORDER: N AUG 9, 1993@08:31

ARE YOU ADDING 'AUG 9, 1993@08:31' AS

A NEW DATE/TIME FOR BACKORDER (THE NTH FOR THIS AOU)? Y (YES)

CURRENT BACKORDER: 2

Select DATE/TIME FOR BACKORDER: <RET>

Production Menu

Select AOU: MED ROOM 3
...OK? YES// <RET> (YES)
Select DATE/TIME FOR INVENTORY: N AUG 9, 1993@08:31
ARE YOU ADDING 'AUG 9, 1993@08:31' AS
A NEW DATE/TIME FOR BACKORDER (THE NTH FOR THIS AOU)? Y (YES)

CURRENT BACKORDER: 2

Example: Missing CURRENT BACKORDER amount

Select PHARMACY BACKORDER ITEM: HYDROCORTISONE 1% CREAM (OZ)
ARE YOU ADDING 'HYDROCORTISONE 1% CREAM (OZ)' AS A NEW PHARMACY BACKORDER
(THE NTH)? Y (YES)
Select AOU: MED ROOM 1
Select DATE/TIME FOR BACKORDER: N AUG 7,1993@08:02
ARE YOU ADDING 'AUG 7,1993@08:02' AS
A NEW DATE/TIME FOR BACKORDER (THE NTH FOR THIS AOU)? Y (YES)

CURRENT BACKORDER: <RET>

Missing CURRENT BACKORDER data, deleting BACKORDER entry...

Example: Missing data for a new Backorder Item

Select PHARMACY BACKORDER ITEM: CEFAZOLIN SOD 1GM S.P.
ARE YOU ADDING 'CEFAZOLIN SOD 1GM S.P.' AS A NEW PHARMACY
BACKORDER (THE NTH)? Y (YES)
Select AOU: MED ROOM 2
Select DATE/TIME FOR BACKORDER: N AUG 7,1993@08:58
ARE YOU ADDING 'AUG 7,1993@08:02' AS
A NEW DATE/TIME FOR BACKORDER (THE NTH FOR THIS AOU)? Y (YES)

CURRENT BACKORDER: ^

Missing CURRENT BACKORDER data, deleting BACKORDER entry...

Select DATE/TIME FOR BACKORDER: <RET>

Missing DATE/TIME FOR BACKORDER data, deleting MED ROOM 2 entry...

Select AOU: <RET>

Missing MED ROOM data, deleting PHARMACY BACKORDER ITEM entry...

Select PHARMACY BACKORDER ITEM: <RET>

Select Backorder Requests Option: <RET>

8.2 Fill Requests for Backorder Items [PSGW BACKORDER EDIT]

Once the backorder shipment arrives, the backorder entry in File 58.3 needs to be marked as filled. There are two methods of doing this.

- 1) If the item is immediately dispensed to the AOU for which it was backordered, use this option to mark the backorder request as filled. To do this, you must enter the item name, Area of Use, backorder date/ time (enter "?" to see the selectable dates), and the date filled. You will not be able to manually enter a partial fill.
- 2) If the item is not sent to the AOU until the next regular inventory, there is no need to use this option. The computer will automatically mark the backorder as filled when the quantity dispensed values are input on the next inventory. By this method, the computer will automatically record a partial fill and adjust the backorder balance when you enter the quantity dispensed through the regular *Enter/Edit Quantity Dispensed* option.

Example: Fill Requests for Backorder Items

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: BACKorder Requests

Select Backorder Requests Option: FILL Requests for Backorder Items

Select PHARMACY BACKORDER ITEM: BACITRACIN OINTMENT (1OZ)

Select AOU: MED ROOM 1

Select DATE/TIME FOR BACKORDER: 6-2@0942 6-2-1993 09:42

DATE FILLED: T (AUG 8,1993)

Select Backorder Requests Option: <RET>

8.3 AOU Backorder Report (80 column) [PSGW BACKORDER AOU PRINT]

This option prints all backordered items by Area of Use. The sort order is Area of Use, item, and backorder date.

In previous versions of AR/WS when the *Purge Dispensing Data* option was used to delete obsolete data in the files, any inventory for which there was an outstanding backorder would not be purged. This connection is no longer true as backorders are no longer tied to inventory dates, however, you may wish to use this *AOU Backorder Report (80 column)* option to determine if there are any “forgotten” backorders in the file. The file may contain, for example, a backorder entry which has not been marked as filled after an extensive time lapse.

Example: AOU Backorder Report (80 column)

Select INPATIENT PHARMACY Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: BACKorder Requests

Select Backorder Requests Option: AOU BACKorder Report (80 column)

This option will print a list of Current Backorders for selected AOU(s).

You will only be allowed to choose AOU's that have Backorder entries (current or non-current) in the Pharmacy Backorder file (#58.3).

Select AOU: CARDIAC CATH LAB

Select AOU: DENTAL CLINIC

Select AOU: <RET>

Right margin for this report is 80 columns.

You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows

Production Menu

PHARMACY AOU BACKORDER LIST
 PRINTED: AUG 10,1993@13:25

PAGE: 1

=> AOU

ITEM	LOCATION	DATE/TIME FOR BACKORDER	CURRENT BACKORDER

=> CARDIAC CATH LAB			
ACETAMINOPHEN TAB 325MG		JAN 28,1993@09:32	5
	MR,CC,S4		
DEXTROSE 50% 50ML SYRINGE		FEB 17,1993@13:18	8
	MR,CC,S1		
DIGOXIN TAB 0.125MG		MAR 9,1993@09:55	4
	MR6,S4,D1		
GLUCAGON INJ 1MG		FEB 17,1993@13:18	5
	UNKNOWN		

PHARMACY AOU BACKORDER LIST
 PRINTED: AUG 10,1993@13:25

PAGE: 2

=> AOU

ITEM	LOCATION	DATE/TIME FOR BACKORDER	CURRENT BACKORDER

=> DENTAL CLINIC			
DEXTROSE 50% 50ML SYRINGE		JAN 28,1993@09:32	6
	UNKNOWN		
DIGOXIN TAB 0.125MG		MAR 9,1993@09:55	2
	MR9,S2,D3		
EPINEPHRINE 1:10,000 SYRINGE		FEB 17,1993@13:18	5
	UNKNOWN		

Production Menu

**8.4 Current (ALL) Backorder Report (80 column) ;
[PSGW BACKORDER (ALL) PRINT]**

This option prints a list of ALL Current (i.e., unfilled) Backorders. You may choose to sort this report by Area of Use or by Item.

Example 1: Current (ALL) Backorder Report (80 COLUMN) Sorted by AOU

Select INPATIENT PHARMACY Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: BACKorder Requests

Select Backorder Requests Option: CURRent (ALL) Backorder Report (80 column)

This option will print a list of ALL Current Backorders.

Do you want to sort by (A)rea of Use or by (I)tem? A

Right margin for this report is 80 columns.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

PHARMACY BACKORDER LIST BY AOU
 PRINTED: AUG 10,1993@13:28

PAGE: 1

=> AOU

ITEM	LOCATION	DATE/TIME FOR BACKORDER	CURRENT BACKORDER

=> CARDIAC CATH LAB			
ACETAMINOPHEN TAB 325MG		JAN 28,1993@09:32	5
	MR,CC,S4		
DEXTROSE 50% 50ML SYRINGE		FEB 17,1993@13:18	8
	MR,CC,S1		
DIGOXIN TAB 0.125MG		MAR 9,1993@09:55	4
	MR6,S4,D1		
GLUCAGON INJ 1MG		FEB 17,1993@13:18	5
	UNKNOWN		
=> DENTAL CLINIC			
DEXTROSE 50% 50ML SYRINGE		JAN 28,1993@09:32	6
	UNKNOWN		
DIGOXIN TAB 0.125MG		MAR 9,1993@09:55	2
	MR9,S2,D3		
EPINEPHRINE 1:10,000 SYRINGE		FEB 17,1993@13:18	5
	UNKNOWN		
=> MED ROOM 3 **			
DIGOXIN TAB 0.125MG		MAR 9,1993@09:55	3
	MR3,S5,D2		

** Indicates an Inactive AOU

Production Menu

Example 2: Current (ALL) Backorder Report (80 COLUMN) Sorted by ITEM

Select INPATIENT PHARMACY Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: BACKorder Requests

Select Backorder Requests Option: CURRent (ALL) Backorder Report (80 column)

This option will print a list of ALL Current Backorders.

Do you want to sort by (A)rea of Use or by (I)tem? I

Right margin for this report is 80 columns.

You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Production Menu

PHARMACY BACKORDER LIST BY ITEM
 PRINTED: AUG 10,1993@13:40

PAGE: 1

=> ITEM	AOU	LOCATION	DATE/TIME FOR BACKORDER	CURRENT BACKORDER

=> ACETAMINOPHEN TAB 325MG				
	CARDIAC CATH LAB	MR,CC,S4	JAN 28,1993@09:32	5
			TOTAL:	5
=> DEXTROSE 50% 50ML SYRINGE				
	CARDIAC CATH LAB	MR,CC,S1	FEB 17,1993@13:18	8
	DENTAL CLINIC	UNKNOWN	JAN 28,1993@09:32	6
			TOTAL:	14
=> DIGOXIN TAB 0.125MG				
	CARDIAC CATH LAB	MR6,S4,D1	MAR 9,1993@09:55	4
	DENTAL CLINIC	MR9,S2,D3	MAR 9,1993@09:55	2
	MED ROOM 3 **	MR3,S5,D2	MAR 9,1993@09:55	3
			TOTAL:	9
=> EPINEPHRINE 1:10,000 SYRINGE				
	DENTAL CLINIC	UNKNOWN	FEB 17,1993@13:18	5
			TOTAL:	5
=> GLUCAGON INJ 1MG				
	CARDIAC CATH LAB	UNKNOWN	FEB 17,1993@13:18	5
			TOTAL:	5

** Indicates an Inactive AOU

Production Menu

8.5 Single Item Report (80 column) [PSGW BACKORDER ITEM PRINT]

This option prints a list of all backorders for a specific item. For the item, each Area of Use with a backorder is shown with the date of the backorder and the amount backordered for that AOU. Also, the total backorder for the item is listed.

Example: Single Item Report (80 column)

Select INPATIENT PHARMACY Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: BACKorder Requests

Select Backorder Requests Option: SINgle Item Report (80 column)

Select PHARMACY BACKORDER ITEM: DIGOXIN TAB 0.125MG

Right margin for this report is 80 columns.
You may queue the report to print at a later time.

DEVICE: [queue report here or send to a designated device]

..... report follows

PHARMACY SINGLE ITEM BACKORDER LIST
PRINTED: AUG 10,1993@13:45

PAGE: 1

=> ITEM

AOU	LOCATION	DATE/TIME FOR BACKORDER	CURRENT BACKORDER

=> DIGOXIN TAB 0.125MG			
CARDIAC CATH LAB	MR6,S4,D1	MAR 9,1993@09:55	4
DENTAL CLINIC	MR9,S2,D3	MAR 9,1993@09:55	2
MED ROOM 3 **	MR3,S5,D2	MAR 9,1993@09:55	3
		TOTAL:	9

** Indicates an Inactive AOU

8.6 Multiple Items Report (80 column) [PSGW BACKORDER ITEMS PRINT]

For all items that you select, this option prints a report of backorders for those items. For each of the items selected, the AOU is shown with the date of the backorder and the amount backordered for that AOU. The total backorder for the item is also listed. The right margin for this report is 80.

Example: Multiple Items Report (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: BACKorder Requests

Select Backorder Requests Option: MULTiple Items Report (80 column)

- Select PHARMACY BACKORDER ITEM: DIGOXIN TAB 0.125MG
- Select PHARMACY BACKORDER ITEM: ACETAMINOPHEN TAB 325MG
- Select PHARMACY BACKORDER ITEM: EPINEPHRINE 1:10,000 SYRINGE
- Select PHARMACY BACKORDER ITEM: HETASTARCH INJ 6% 500ML
- Select PHARMACY BACKORDER ITEM: HEPARIN 1,000 UNIT/ML 10ML INJ
- Select PHARMACY BACKORDER ITEM: DEXTROSE 50% 50ML SYRINGE
- Select PHARMACY BACKORDER ITEM: GLUCAGON INJ 1MG
- Select PHARMACY BACKORDER ITEM: <RET>

Right margin for this report is 80 columns.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to a designated device]*

..... *report follows*

Production Menu

PHARMACY MULTIPLE ITEMS BACKORDER LIST
 PRINTED: AUG 10,1993@13:49

PAGE: 1

ITEM	AOU	LOCATION	DATE/TIME FOR BACKORDER	CURRENT BACKORDER
=> ACETAMINOPHEN TAB 325MG				
	CARDIAC CATH LAB	MR,CC,S4	JAN 28,1993@09:32	5

			TOTAL:	5
=> DEXTROSE 50% 50ML SYRINGE				
	CARDIAC CATH LAB	MR,CC,S1	FEB 17,1993@13:18	8
	DENTAL CLINIC	UNKNOWN	JAN 28,1993@09:32	6

			TOTAL:	14
=> DIGOXIN TAB 0.125MG				
	CARDIAC CATH LAB	MR6,S4,D1	MAR 9,1993@09:55	4
	DENTAL CLINIC	MR9,S2,D3	MAR 9,1993@09:55	2
	MED ROOM 3 **	MR3,S5,D2	MAR 9,1993@09:55	3

			TOTAL:	9
=> EPINEPHRINE 1:10,000 SYRINGE				
	DENTAL CLINIC	UNKNOWN	FEB 17,1993@13:18	5

			TOTAL:	5
=> GLUCAGON INJ 1MG				
	CARDIAC CATH LAB	UNKNOWN	FEB 17,1993@13:18	5

			TOTAL:	5
=> HEPARIN 1,000 UNIT/ML 10ML INJ			<NO CURRENT BACKORDERS>	
=> HETASTARCH INJ 6% 500ML			<NO CURRENT BACKORDERS>	

** Indicates an Inactive AOU

9.0 Return Items for AOU [PSGW RETURN ITEMS]

This option is used to record items returned from an Area of Use. Return quantity will be reflected on the AMIS report, and on all usage and cost reports.

To return an item, you must enter the Area of Use, item name, date of return, return quantity, and return reason or reasons. Return reasons include expired, overstocked, deleted item, and change in stock level.

If an unreasonable volume of returns occur for an AOU, then the stock levels for that AOU should probably be adjusted. Use the Returns Analysis Report to make this determination, thereby minimizing returns.

Example: Return Items for AOU

```
Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment
Enter AR/WS Inpatient Site Name: GENeral Hospital
Select Automatic Replenishment Option: PRODuction Menu
Select Production Menu Option: RETURN Items for AOU
Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1
Select ITEM: POTASSIUM CHLORIDE 20MEQ PKT MR,CA,S3
Select RETURNS DATE OF RETURN: T AUG 9, 1993
ARE YOU ADDING 'AUG 9, 1993' AS A NEW RETURNS (THE 1ST FOR THIS ITEM)? Y (YES)
RETURN QUANTITY: 12
RETURN REASON: ?
CHOOSE FROM:
E EXPIRED
O OVER STOCK
D DELETED ITEM
C CHANGE IN STOCK LEVEL
RETURN REASON: E EXPIRED
ARE YOU ADDING 'EXPIRED' AS A NEW RETURN REASON (THE 1ST FOR THIS RETURNED
ITEM)? Y (YES)
RETURN REASON: <RET>
Select ITEM: HEXACHLOROPHENE 3% DETERGENT LOTION,5OZ MR,CE,S2
Select RETURNS DATE OF RETURN: T AUG 9, 1993
ARE YOU ADDING 'AUG 9, 1993' AS A NEW RETURNS (THE 1ST FOR THIS ITEM)? Y (YES)
RETURN QUANTITY: 7
RETURN REASON: O OVER STOCK
ARE YOU ADDING 'OVER STOCK' AS A NEW RETURN REASON (THE 1ST FOR THIS RETURNED
ITEM)? Y (YES)
RETURN REASON: O OVER STOCK
ARE YOU ADDING 'CHANGE IN STOCK LEVEL' AS A NEW RETURN REASON (THE 2ND FOR THIS
RETURNED ITEM)? Y (YES)
RETURN REASON: <RET>
Select ITEM: <RET>
Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>
```

10.0 Crash Cart Menu [PSGW CRASH CART MENU]

This menu contains the crash cart options for production. With the options on this menu the user can enter new crash cart locations, edit locations, or print a report listing all AOU's with Crash Carts and their locations.

Enter/Edit Crash Cart Locations
Print Crash Cart Locations

10.1 Enter/Edit Crash Cart Locations [PSGW CRASH CART LOCATION EDIT]

This option will allow users to enter or edit the LOCATION field for AOU's that are flagged as Crash Carts.

Example: Enter/Edit Crash Cart Locations

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: Crash Cart Menu

Select Crash Cart Menu Option: Enter/Edit Crash Cart Locations

Select PHARMACY AOU STOCK AREA OF USE (AOU): OPERATING ROOM
CRASH CART LOCATION: OPERATING ROOM 3

Select PHARMACY AOU STOCK AREA OF USE (AOU): CICU
CRASH CART LOCATION: 1 NORTH// <RET>

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

Select Crash Cart Menu Option: <RET>

Production Menu

10.2 Print Crash Cart Locations [PSGW CRASH CART LOCATION PRINT]

This option will print an 80 column report listing all AOU's that are flagged as Crash Carts with their locations.

Example: Print Crash Cart Locations

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: Crash Cart Menu

Select Crash Cart Menu Option: Print Crash Cart Locations

This option will list crash carts and their locations.

Right margin for this report is 80 columns.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*.....

CRASH CART LOCATION LIST
PRINTED: JUN 21,1993

PAGE: 1

CRASH CART	LOCATION
OPERATING ROOM	OPERATING ROOM 3
CICU	1 NORTH

11.0 Auto Replenishment Reports [PSGW REPORTS]

This menu gives access to various report options for Automatic Replenishment/Ward Stock.

There are currently nine suboptions on the *Auto Replenishment Reports* menu.

List Stock Items (132 column)
Expiration Date Report (80 column)
Inventory Outline (80 column)
Ward/AOU List for an Item (80 column)
Item Activity Inquiry (80 column)
Percentage Stock On Hand (132 column)
Returns Analysis Report (80 column)
Usage Report for an Item (80 column)
Zero Usage Report (80 column)

All reports in this module may be queued to print at a later time. Each report includes in the "title" the right margin needed for the successful printing of the report.

In order to queue a report, at the "DEVICE:" prompt, enter a "Q". You will then be asked, "QUEUE TO PRINT ON DEVICE:". Enter the device number of the printer to which you wish to send the report. The next prompt is: "REQUESTED START TIME: NOW//". Enter the time that you wish for the report to begin.

11.1 List Stock Items (132 column) [PSGW PRINT AOU STOCK]

This option allows you to print the items entered as active stock for an Area of Use in PHARMACY AOU STOCK file (#58.1). The report prints all items currently available for inventory, by AOU and will display the following information:

1. Item TYPE (for the report sorted by TYPE/LOCATION/ITEM)
2. Current Stock Level
3. Current Reorder Level
4. Current Minimum Quantity to Dispense
5. Expiration Date

The report may be printed for a single AOU, several AOU's, or you may enter “^ALL” to print the report for all Areas of Use. Also, the report may be printed by two different sort order methods. You may print the stock list in order by type, and within type, by location. An alternate method is to print the stock list in alphabetical order.

Example 1: List Stock Items (132 column) By TYPE/LOCATION/ITEM

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: LIST STOCK Items (132 column)

You may select a single AOU, several AOU's,
or enter “^ALL” to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

You may print by either of these sorting methods:

- (1) By TYPE/LOCATION/ITEM
- (2) Alphabetical by ITEM

Select SORT ORDER for report (enter 1 or 2): 1

The right margin for this report is 132.

You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Production Menu

AOU STOCK LIST BY TYPE/LOCATION - DATE: JUN 10,1993
PAGE: 1

AREA OF USE TYPE EXPIRATION LOCATION	ITEM	STOCK LEVEL	REORDER LEVEL	MINIMUM QTY TO DISPENSE	
DATE					

==> MED ROOM 1					
TYPE: EXTERNALS					
02,1993	MR,CA,S1 BACITRACIN OINTMENT 10Z	3	1	2	DEC
02,1993	MR,CA,S1 CLOTRIMAZOLE 1% CREAM	4	1	2	DEC
13,1993	MR,CA,S1 HYDROCORTISONE 1% CREAM 30G	4	2	2	AUG
02,1993	MR,CA,S2 DOMOL BATH & SHOWER OIL	8	2	6	DEC
LISTED	MR,CA,S2 HEXACHLOROPHENE DET. 5OZ	6	1	6	NOT
05,1993	MR,CA,S2 HYDROGEN PEROXIDE SOLN 480ML	2	1	1	NOV
02,1993	MR,CA,S2 ISOPROPYL ALCOHOL 70% 480ML	6	1	6	DEC
02,1993	MR,CD,S3 BENZOIN COMP TINCT	1	NOT LISTED	NOT LISTED	
	NOT LISTED ACETONE	10	5	5	DEC
TYPE: ORAL LIQUID					
02,1993	MR,CC,S2 ACETAMINOPHEN 500MG/15CC ELIX	2	1	1	DEC
25,1993	MR,CC,S2 CASTOR OIL 60ML U.D.	2	1	1	SEP
LISTED	MR,CC,S2 MILK OF MAGNESIA 480ML	4	2	2	
	MR,CC,S3 ALUM.& MAG. HYDROXIDE GEL	6	2	6	NOT
	MR,CC,S3 KAOLIN AND PECTIN SUSP 360ML	2	1	1	
	MR,CC,S3 MAGNESIUM CITRATE SOLN 300ML	3	1	3	
TYPE: ORAL SOLID					
02,1993	MR,B2,S1 BUSULFAN TAB 2MG	10	5	5	
	MR,CA,S3 CHLORAMBUCIL TAB 2MG	5	1	3	DEC
	MR,CC,S4 ACETAMINOPHEN TAB 325MG	50	10	25	
	MR1,S1,D2 DIGOXIN TAB 0.125MG	2	NOT LISTED	NOT LISTED	
TYPE: INJECTION					
10,1993	MR,CC,S1 DEXTROSE 50% 50ML SYRINGE	5	1	4	
	MR,CC,S1 DIAZEPAM 5MG/ML 2ML AMP	10	2	6	SEP
02,1993	MR,CC,S1 GLUCAGON INJ 1MG	3	1	2	DEC
	MR,CC,S1 LIDOCAINE 1% INJ 30ML	3	2	1	
TYPE: OPHTHALMIC, OTIC					
LISTED	MR,CA,S4 TIMOLOL 0.25% OP.SOL. 10ML	3	1	2	NOT
TYPE: SUPPOSITORY					
LISTED	MR,REF,S2 ACETAMINOPHEN SUPP 650MG	12	1	6	NOT
LISTED	MR,REF,S2 ASPIRIN SUPP 650MG	12	1	6	NOT
LISTED	MR,REF,S2 GLYCERIN SUPPOSITORIES 12'S	2	1	1	
TYPE: CONTROLLED DRUG (II)					
10,1993	MR,CC,S1 DIAZEPAM 5MG/ML 2ML AMP	10	4	6	SEP
TYPE: REAGENT/TEST ITEM					
	MR,CB,S1 KETO-DIASTIX 100'S	2	1	1	

Production Menu

Example 2: List Stock Items (132 column) Alphabetical by ITEM

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: LIST STOCK Items (132 column)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

You may print by either of these sorting methods:

- (1) By TYPE/LOCATION/ITEM
- (2) Alphabetical by ITEM

Select SORT ORDER for report (enter 1 or 2): 2

The right margin for this report is 132.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Production Menu

ALPHABETICAL LISTING OF AOU STOCK - DATE: AUG 10,1993

PAGE: 1

AREA OF USE TYPE ITEM	LOCATION	STOCK LEVEL	REORDER LEVEL	MINIMUM QTY TO DISPENSE	EXPIRATION DATE
==> MED ROOM 1					
ACETAMINOPHEN 500MG/15CC ELIX.	MR,CC,S2	2	1	1	DEC 02,1993
ACETAMINOPHEN SUPP 650MG	MR,REF,S2	12	1	6	DNOT LISTED
ACETAMINOPHEN TAB 325MG	MR,CC,S4	50	10	25	DEC 02,1993
ACETONE	NOT LISTED	10	5	5	DEC 02,1993
ALUM.& MAG. HYDROXIDE GEL	MR,CC,S3	6	2	6	DEC 02,1993
ASPIRIN SUPP 650MG	MR,REF,S2	12	1	6	NOT LISTED
ATROPINE SULFATE INJ 0.4MG/ML,20ML	MR,CC,S1	3	2	1	
BACITRACIN OINTMENT 1OZ	MR,CA,S1	3	1	2	DEC 02,1993
BECLOMETHASONE ORAL.INHALER 16.8GM	MR,CC,S5	6	1	5	
BENZONIN COMP TINC	MR,CD,S3	1	NOT LISTED	NOT LISTED	
BLEOMYCIN INJ 15 UNIT	NOT LISTED	3	1	2	
BUSULFAN TAB 2M	MR,B2,S1	10	5	5	
CASTOR OIL 60ML U.D.	MR,CC,S2	1	1	1	SEP 25,1993
CHLORAMBUCIL TAB 2MG	MR,CA,S3	5	1	3	DEC 02,1993
CLOTTRIMAZOLE 1% CREAM	MR,CA,S1	4	1	2	DEC 02,1993
DEXTROSE 50% 50ML SYRINGE	MR,CC,S1	5	1	4	
DIAZEPAM 5MG/ML 2ML AMP	MR,CC,S1	10	2	6	SEP 10,1993
DIGOXIN TAB 0.125MG	MR1,S1,D2	2	NOT LISTED	NOT LISTED	
DISULFIRAM TAB 250MG	MR,C1,C2	2	1	1	DEC 02,1993
DOMOL BATH & SHOWER OIL	MR,CA,S2	8	2	6	
EPINEPHRINE INJ 1:1000 1ML (AMPUL)	MR,CC,S1	3	1	2	
GLUCAGON INJ 1MG	MR,CC,S1	3	1	2	
GLYCERIN SUPPOSITORIES 12'S	MR,REF,S2	2	1	1	
HEPARIN 1,000 UNIT/ML 10ML INJ	MR,CC,S1	12	6	6	
HEXACHLOROPHENE DET. 5OZ	MR,CA,S2	6	1	6	NOT LISTED
HYDROCORTISONE 1% CREAM 30GM	MR,CA,S1	4	2	2	AUG 13,1993
HYDROGEN PEROXIDE SOLN 480ML	MR,CA,S2	2	1	1	NOV 05,1993
ISOPROPYL ALCOHOL 70% 480ML	MR,CA,S2	6	1	6	DEC 02,1993
KAOLIN AND PECTIN SUSP 360ML	MR,CC,S3	2	1	1	
KETO-DIASTIX 100'S	MR,CB,S1	2	1	1	
LACTULOSE SYRUP 10GM/15ML 480ML	MR,CC,S3	2	1	1	
LIDOCAINE 1% INJ 30ML	MR,CC,S1	3	2	1	
MAGNESIUM CITRATE SOLN 300ML	MR,CC,S3	3	1	3	
MILK OF MAGNESIA 480ML	MR,CC,S2	4	2	2	
POTASSIUM CHLORIDE 20MEQ EFF. T.	MR,CC,S4	30	10	20	
PSYLLIUM HYDROPHILIC MUCILLOID 14OZ	MR,CC,S4	2	NOT LISTED	NOT LISTED	
SODIUM BICARBONATE 50ML SYR 8.4%	MR,CC,S1	5	1	4	
SODIUM CHLORIDE 0.9% 1000ML IRRIGATION	CUR,CB,S3	12	1	1	
TIMOLOL 0.25% OP.SOL. 10ML	MR,CA,S4	3	1	2	NOT LISTED

11.2 Expiration Date Report (80 column) [PSGW EXP REPORT]

This report will print a listing of the expiration dates for the items in an AOU for one, several, or ALL AOU's. If multiple AOU's are selected, the user may choose to sort the report by DATE/DRUG/AOU or by DATE/AOU/DRUG. If only one AOU is selected, the sort order is by DATE/DRUG.

Example 1: Expiration Date Report (80 column) of Multiple AOU's sorted by Date/Drug/AOU:

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: EXPiration Date Report (80 column)
BEGINNING date for report: T-100 (MAY 03, 1993)
ENDING date for report: T (NOV 19, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I'): I

Select AOU INVENTORY GROUP NAME: DAY SHIFT

This Inventory Group contains the following AOU(s):

#1 MEDICATION ROOM
#2 MEDICATION ROOM
#3 MEDICATION ROOM
CRASH CART

Since you have chosen multiple AOU's,
please select a sort order for the report:

(1) Date/Drug/AOU or (2) Date/AOU/Drug

Enter '1' or '2' or "^" to Exit ==> 1

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows

Production Menu

DRUG EXPIRATION DATE REPORT
FOR PERIOD MAY 3,1993 TO NOV 19,1993
PRINTED AUG 11,1993@12:47

PAGE 1

FOR INVENTORY GROUP - DAY SHIFT

=> DATE

ITEM

AOU/(LOCATION)

=> AUG 14,1993

MECLOFENAMATE SODIUM 100MG CAP
CRASH CART/(1 WEST)

=> SEP 23,1993

MEPHOBARBITAL 50MG TAB
#1 MEDICATION ROOM

=> OCT 10,1993

DYPHYLLINE GG ELIXIR
#2 MEDICATION ROOM

=> OCT 14,1993

PENICILLIN G POTASSIUM 200000U TAB
#1 MEDICATION ROOM

=> OCT 30,1993

METOPROLOL TARTRATE 50MG TAB
#2 MEDICATION ROOM

END OF REPORT! Press <RETURN> to return to Menu: <RET>

Example 2: Expiration Date Report (80 column) of Multiple AOU's sorted by Date/AOU/Drug

Select Auto Replenishment Reports Option: **EXP**iration Date Report (80 column)
BEGINNING date for report: **T-100** (MAY 03, 1993)
ENDING date for report: **T** (NOV 19, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I'): **I**

Select AOU INVENTORY GROUP NAME: **DAY SHIFT**

This Inventory Group contains the following AOU(s):

- #1 MEDICATION ROOM
- #2 MEDICATION ROOM
- #3 MEDICATION ROOM
- CRASH CART

Since you have chosen multiple AOU's,
please select a sort order for the report:

- (1) Date/Drug/AOU or (2) Date/AOU/Drug

Enter '1' or '2' or "^" to Exit ==> **2**

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Production Menu

DRUG EXPIRATION DATE REPORT
FOR PERIOD MAY 3,1993 TO NOV 19,1993
PRINTED AUG 11,1993@12:47

PAGE 1

FOR INVENTORY GROUP - DAY SHIFT

=> DATE

AOU/(LOCATION)

ITEM

=> AUG 14,1993

CRASH CART/(1 WEST)

MECLOFENAMATE SODIUM 100MG CAP

=> SEP 23,1993

#1 MEDICATION ROOM

MEPHOBARBITAL 50MG TAB

=> OCT 10,1993

#2 MEDICATION ROOM

DYPHYLLINE GG ELIXIR

=> OCT 14,1993

#1 MEDICATION ROOM

PENICILLIN G POTASSIUM 200000U TAB

=> OCT 30,1993

#2 MEDICATION ROOM

METOPROLOL TARTRATE 50MG TAB

END OF REPORT! Press <RETURN> to return to Menu: <RET>

Example 3: Expiration Date Report (80 column) of Single AOU sorted by Date/Drug

Select Auto Replenishment Reports Option: **EX**piration Date Report (80 column)
BEGINNING date for report: **T-100** (MAY 03, 1993)
ENDING date for report: **T+100** (NOV 19, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.
-OR-
You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I'): **A**

Select PHARMACY AOU STOCK AREA OF USE (AOU): **#1 MEDICATION ROOM**
Select PHARMACY AOU STOCK AREA OF USE (AOU): **<RET>**

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

DRUG EXPIRATION DATE REPORT for #1 MEDICATION ROOM PAGE 1
FOR PERIOD MAY 3,1993 TO NOV 19,1993
PRINTED AUG 11,1993@13:15

```

=> DATE
      ITEM
-----
=> MAY 1,1993
      ACETAMINOPHEN TAB 325MG
      MILK OF MAGNESIA 480ML

=> JUN 13,1993
      TIMOLOL 0.25% OP.SOL. 10ML

=> SEP 23,1993
      MEPHOBARBITAL 50MG TAB

=> OCT 14,1993
      PENICILLIN G POTASSIUM 200000U TAB

END OF REPORT! Press <RETURN> to return to Menu: <RET>

```

11.3 Inventory Outline (80 column) [PSGW WARD INV PRINT]

This report lists the principal information for inventories within a selected date range. The option sorts in AOU order, and within AOU, information is presented in chronological order by inventory date and time. The fields shown are AREA OF USE, DATE OF INVENTORY, DAY/WEEK INVENTORIED, INV. ID#, RESPONSIBLE PERSON, and TYPES INVENTORIED. The report might be useful to show all inventories done within a specified time frame, i.e., for a month.

Example: Inventory Outline (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: INVENtory Outline (80 column)

BEGINNING date for report: 6 1 93 (JUN 01, 1993)

ENDING date for report: T (AUG 10, 1993)

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows

Production Menu

PHARMACY AREA OF USE INVENTORY LIST FROM JUN 1,1993 TO AUG 10,1993
 PRINT DATE: AUG 10,1993@13:14

PAGE 1

==> AREA OF USE		INVENTORY DATE/TIME	DAY/WEEK	INV. ID#	RESPONSIBLE PERSON
		TYPES	INVENTORIED		

==> MED ROOM 1					
	JUL 13,1993@07:47		THU	66	SMITH,J.D.
		ALL			
==> CARDIAC CATH LAB					
	JUN 9,1993@11:05		FRI	63	SMITH,J.D.
		ALL			
==> DENTAL CLINIC					
	JUN 9,1993@11:05		FRI	63	SMITH,J.D.
		EXTERNALS			
		INHALER			
		ORAL SOLID			
		SET			
		ALL			
	JUL 27,1993@07:39		THU	67	SMITH,J.D.
		ALL			
	JUL 27,1993@08:03		THU	68	SMITH,J.D.
		ALL			
==> DRUG CLOSET					
	JUN 9,1993@11:05		FRI	63	SMITH,J.D.
		CONTROLLED DRUG (II)			
	JUN 28,1993@08:08		WED	64	SMITH,J.D.
		ALL			
	JUL 13,1993@07:39		THU	65	SMITH,J.D.
		CONTROLLED DRUG (II)			
	JUL 27,1993@07:39		THU	67	SMITH,J.D.
		ALL			
	JUL 27,1993@08:03		THU	68	SMITH,J.D.
		ALL			

Production Menu

11.4 Ward/AOU List for an Item (80 column) [PSGW LOOKUP ITEM]

This option is used primarily to locate the wards and Areas of Use that stock a selected item. After you enter the name of the item, the report prints out the name of the ward, Area of Use, location, and stock level of the item within the AOU. If an Area of Use stocks the item, but the AOU is not associated with a ward, e.g., cardiac cath lab, then these Areas will be printed at the top of the report. Afterward, those AOU's which have associated wards will be printed.

Example: Ward/AOU List for an Item (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: WARD/AOU List for an Item (80 column)

Using this option, you may look up the wards and/or Areas of Use which stock the item you select.

The right margin for this report is 80.
You may queue the report to print at a later time.

Select ITEM Name: ACETAMINOPHEN 325MG/CODEINE 30MG TAB

DEVICE: *[queue report here or send to a designated device]*

..... *report follows*

WARD/AOU LIST FOR AN ITEM
ITEM NAME

DATE: JUN 10,1993

WARD	AREA OF USE	LOCATION	STOCK LEVEL

==> ACETAMINOPHEN 325MG/CODEINE 30MG TAB			
	1 WEST MEDS *	MR,C2,S1	20
1 NORTH	DRUG CLOSET	MR,C2,S1	20
1 WEST	DRUG CLOSET	MR,C2,S1	20

* Indicates AOU is currently Inactive

11.5 Item Activity Inquiry (80 column) [PSGW ITEM INQUIRY]

This option will display ALL activity (inventories, on-demands, and returns) for a specified item in a specified AOU for a specified date range. This option was primarily designed to be used as a tool to locate bad data input for an item that was ultimately reflected on some type of report. For example, a cost report for an AOU may show an unusually high quantity dispensed for an item. Previously, tracking down the exact transaction that was in error has been very time consuming.

Example: Item Activity Inquiry (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRoduction Menu

Select Production Menu Option: AUto Replenishment Reports

Select Auto Replenishment Reports Option: ITEm Activity Inquiry (80 column)

This option will list all activity for a specified item, in a specified, area of use, for a specified date range.

BEGINNING date for report: 1 1 93 (JAN 01, 1993)

ENDING date for report: T (OCT 10, 1993)

Select AOU: DRUG CLOSET

Select ITEM: HEPARIN 1,000 UNIT/ML 10ML INJ MR,C1,S1

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Production Menu

ITEM ACTIVITY INQUIRY for period JAN 1,1993 to JUN 10,1993
Printed OCT 10,1993@15:34

Page: 1

AOU : DRUG CLOSET
ITEM: HEPARIN 1,000 UNIT/ML 10ML INJ

INVENTORIES:

ID # - DATE/TIME FOR INVENTORY	QUANTITY DISPENSED
ID #63 - FEB 9,1993@11:05	3
ID #64 - FEB 28,1993@08:08	2
ID #65 - MAY 13,1993@07:39	2
ID #67 - MAY 27,1993@07:39	3
ID #68 - MAY 27,1993@08:03	1
ID #72 - JUN 9,1993@13:09	1

Press <RETURN> to Continue, "^" to Exit: <RET>

ITEM ACTIVITY INQUIRY for period JAN 1,1993 to JUN 10,1993
Printed OCT 10,1993@15:34

Page: 2

AOU : DRUG CLOSET
ITEM: HEPARIN 1,000 UNIT/ML 10ML INJ

ON-DEMAND REQUESTS:

ON-DEMAND REQUEST DATE/TIME	QUANTITY DISPENSED
MAY 26,1993@13:30	1
JUN 6,1993@09:03	1
JUN 7,1993@11:12	1
JUN 8,1993@10:19	1
JUN 8,1993@10:44	1

Press <RETURN> to Continue, "^" to Exit: <RET>

ITEM ACTIVITY INQUIRY for period JAN 1,1993 to JUN 10,1993
Printed OCT 10,1993@15:34

Page: 3

AOU : DRUG CLOSET
ITEM: HEPARIN 1,000 UNIT/ML 10ML INJ

RETURNS:

RETURN DATE/TIME	QUANTITY RETURNED
JUL 3,1993	2

prompt. The "START WITH" and "GO TO" prompts refer to 0 (the lowest percentage) through the highest percentage currently available. Also, you select the date range for the report. The report extracts inventory data by percentage of stock on hand for a given inventory date range. The percentage is computed by dividing the on hand amount by the stock level and multiplying the results by 100. Therefore, if you are not entering on hand amounts, this report will not have the necessary data to produce accurate results.

This report allows you to list items which maintain a certain percentage of stock on the shelf in a specified time frame. Thus, you may determine over or under stocked items.

Example: Percentage Stock On Hand (132 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: PERcentage Stock On Hand (132 column)

START WITH PERCENTAGE OF STOCK ON HAND: FIRST// 1

GO TO PERCENTAGE OF STOCK ON HAND: LAST// 100

START WITH DATE(DATE/TIME FOR INVENTORY): FIRST// MARCH 7,1993

GO TO DATE(DATE/TIME FOR INVENTORY): LAST// MARCH 8, 1993

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Production Menu

PERCENTAGE OF STOCK ON HAND
STOCK ON
HAND

MAR 10,1993 12:58

PAGE 1

	STOCK LEVEL	DATE/TIME FOR INVENTORY	ITEM	AREA OF USE (AOU)

3	13.33%	90 MAR 8, 1993 09:43	POTASSIUM CHLORIDE 20N=MEQ PKT	MED ROOM
3	16.67%	24 MAR 8,1993 09:43	ASPIRIN 650MG SUPPOSITORIES	MED ROOM
2	16.67%	6 MAR 7,1993 14:32	CEFAZOLIN SOD 1GM S.P.	MED ROOM
3	16.67%	30 MAR 7,1993 14:32	DIAZEPAM 5MG/ML 2ML S.S.	MED ROOM
3	16.67%	6 MAR 8,1993 09:43	PREDNISOLONE 1% OP.SOL.	MED ROOM
3	16.67%	36 MAR 8,1993 09:43	SODIUM CHLORIDE 0.9% IRRIGATION,1000ML	MED ROOM
1	20.00%	30 MAR 7,1993 14:32	DIAZEPAM 5MG/ML 2ML S.S.	MED ROOM
1	20.00%	10 MAR 7,1993 14:32	HEPARIN 1,000 UNIT/ML S.S. (10ML)	MED ROOM
3	20.00%	10 MAR 7,1993 14:32	HEPARIN 1,000 UNIT/ML S.S. (10ML)	MED ROOM
3	20.00%	25 MAR 8,1993 09:43	MYLANTA II SUSP (OZ)	MED ROOM
3	20.00%	15 MAR 8,1993 09:43	STERILE WATER FOR IRRIGATION,1000ML BT	MED ROOM
3	22.22%	18 MAR 8,1993 09:43	DEXTROSE 5% IN WATER,1000ML	MED ROOM
3	22.22%	18 MAR 8,1993 09:43	DOMOL BATH & SHOWER OIL (8OZ)	MED ROOM
2	25.00%	4 MAR 7,1993 14:32	AMPICILLIN SOD. 1GM S.P.	MED ROOM
3	25.00%	8 MAR 8,1993 09:43	HYDROCORTISONE 1% CREAM (OZ)	MED ROOM
3	25.00%	4 MAR 8,1993 09:43	LIDOCAINE 2% INJ. 20ML.	MED ROOM
3	26.67%	30 MAR 8,1993 09:43	DIAZEPAM 5MG/ML 2ML S.S.	MED ROOM
3	30.00%	10 MAR 8,1993 09:43	HEPARIN 1,000 UNIT/ML S.S. (10ML)	MED ROOM
3	33.33%	3 MAR 8,1993 09:43	BECLOMETHASONE ORAL INHALER	MED ROOM
3	33.33%	6 MAR 8,1993 09:43	CLOTRIMAZOLE 1% CREAM	MED ROOM
2	33.33%	6 MAR 7,1993 14:32	DIGOXIN 0.5MG/2ML S.S.	MED ROOM
3	33.33%	6 MAR 8,1993 09:43	GENTAMICIN OPH SOLN (5ML)	MED ROOM
1	33.33%	3 MAR 7,1993 14:32	GLUCAGON 1MG S.P.	MED ROOM
3	33.33%	3 MAR 7,1993 14:32	GLUCAGON 1MG S.P.	MED ROOM
3	33.33%	3 MAR 8,1993 09:43	GLUCAGON 1MG S.P.	MED ROOM
3	33.33%	6 MAR 8,1993 09:43	ISOPROPYL ALCOHOL 70% (16OZ)	MED ROOM
3	33.33%	3 MAR 8,1993 09:43	KAOLIN AND PECTIN SUSPENSION (16OZ BT)	MED ROOM
3	38.89%	36 MAR 8,1993 09:43	ACETAMINOPHEN 650MG SUPPOS.	MED ROOM
1	40.00%	5 MAR 7,1993 14:32	ATROPINE 1MG/10ML SYRINGE (BRISTOJECT)	MED ROOM

Production Menu

3	40.00%	5	MAR	7,1993	14:32	ATROPINE 1MG/10ML SYRINGE (BRISTOJECT)	MED ROOM
3	40.00%	5	MAR	8,1993	09:43	ATROPINE 1MG/10ML SYRINGE (BRISTOJECT)	MED ROOM
3	48.00%	25	MAR	8,1993	09:43	HEXACHLOROPHENE 3% DETERGENT LOTION, 5OZ	MED ROOM 3
3	50.00%	24	MAR	8,1993	09:43	GLYCERIN SUPPOSITORIES	MED ROOM
3	50.00%	4	MAR	8,1993	09:43	MILK OF MAGNESIA SUSP (16OZ BT)	MED ROOM
3	100.00%	2	MAR	8,1993	09:43	AFRIN NASAL SPRAY (15ML)	MED ROOM
3	100.00%	3	MAR	8,1993	09:43	BACITRACIN OINTMENT (1OZ)	MED ROOM
3	100.00%	1	MAR	8,1993	09:43	SODIUM BICARBONATE POWDER (1 LB)	MED ROOM

11.7 Returns Analysis Report (80 column) [PSGW RETURNS BREAKDOWN]

This report may be printed for any date range you wish, and it may be printed for a single Area of Use, several Areas of Use, or for ALL Areas. The purpose of the report is to show for the date range, drugs returned, return date(s), quantity returned, and return reason. This report will assist in reducing stock levels in AOU's with unreasonable amounts of returns, thereby minimizing returns in the future.

The right margin for this report is 80. You may queue the report to print at a later time.

Example: Returns Analysis Report (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: RETurns Analysis Report (80 column)

BEGINNING date for report: 1 1 93 (JUN 01, 1993)

ENDING date for report: T (AUG 10, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 2

Select PHARMACY AOU STOCK AREA OF USE (AOU): DRUG CLOSET

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Production Menu

RETURNS BREAKDOWN REPORT FROM JUN 1,1993 TO AUG 10,1993

PAGE 1

AREA OF USE

DATE: AUG 10,1993@13:16

ITEM	RETURN DATE	QUANTITY RETURNED	RETURN REASON

==> MED ROOM 2			

CODEINE SULFATE TAB 30MG	JUL 3,1993	2	OVER STOCK DEL FR STOCK

RETURNS BREAKDOWN REPORT FROM JUN 1,1993 TO AUG 10,1993

PAGE 2

AREA OF USE

DATE: AUG 10,1993@13:16

ITEM	RETURN DATE	QUANTITY RETURNED	RETURN REASON

==> DRUG CLOSET			

ACETAMINOPHEN 325MG/CODEINE 30MG TAB	JUL 3,1993	1	EXPIRED

HEPARIN 1,000 UNIT/ML 10ML INJ	JUL 3,1993	2	EXPIRED

HETASTARCH INJ 6% 500ML	AUG 10,1993	2	NOT LISTED

11.8 Usage Report for an Item (80 column) [PSGW USAGE REPORT]

The option prints a report detailing total quantity dispensed within a date range for (1) a single item for an AOU, (2) a single item for all AOU, (3) all items for a single AOU, and (4) all items for all AOU.

At the "Select PHARMACY AOU STOCK AREA OF USE (AOU):" prompt, enter the name of a single Area of Use, or enter "^ALL" to print the report for all Areas of Use. At the "Select ITEM:" prompt, enter the name of a single item, or enter "^ALL" to print the report for all items in the Area(s) of Use.

If you print the report for a single item, you will be shown the inventory dates and amounts dispensed (if applicable) for Automatic Replenishment, on-demands, and returns. A total is shown for the item for the date range.

The format is different if you print the report for all items. In this case, you will be shown the drugs in the Area of Use, and for each drug, the total quantity dispensed, the portion of the total that was Automatic Replenishment, on-demand, and returns for the date range.

In either case, if the total quantity dispensed for an item is zero, that item is not printed on the Usage Report. A message prints out indicating: "NO USAGE FOR ITEM FOR SELECTED DATES". If you wish to get a list of items with no usage for a date range, use the *Zero Usage Report* option.

The right margin for this report is 80. You may queue the report to print at a later time.

Example 1: Single item for an AOU

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: USAGE Report for an Item (80 column)
Usage Report may be printed for:
 a single item for one AOU,
 a single item for ALL AOU, s,
 ALL items for one AOU, or
 ALL items for ALL AOU, s.

To select all AOU, s, enter "^ALL" at the
"Select PHARMACY AOU STOCK AREA OF USE (AOU):" prompt.
To select all items, enter "^ALL" at the "Select ITEM:" prompt.

Production Menu

BEGINNING date for report: 2-1 (FEB 01, 1993)
ENDING date for report: 2-29 (FEB 29, 1993)
Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1
Select ITEM: DIAZEPAM 5MG/ML 2ML S.S. MR,CC,S2
The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows.....

USAGE REPORT FROM FEB 1,1993 TO FEB 29,1993 PAGE 1
AREA OF USE DATE: MAR 10,1993@13:29

ITEM INVENTORY DATE DISPENSE QUANTITY

==> MED ROOM 1
DIAZEPAM 5MG/ML 2ML S.S.

AUTO REPLENISHMENT		
	FEB 1,1993	30
	FEB 3,1993	30
	FEB 5,1993	15
	FEB 8,1993	15
	FEB 10,1993	20
	FEB 12,1993	25
	FEB 15,1993	20
	FEB 17,1993	10
	FEB 19,1993	15
	FEB 22,1993	30
	FEB 24,1993	15
	FEB 26,1993	20
	FEB 29,1993	25

SUBTOTAL AUTO REPL.	+	270

ON DEMAND		
	FEB 18,1993	10

SUBTOTAL ON DEMAND	+	10

RETURNS		
	FEB 27,1993	5

SUBTOTAL RETURNS	-	5

		=====
TOTAL DISPENSED		275

END OF REPORT! Press <RETURN> to return to Menu: <RET>

Production Menu

Example 2: All items for an AOU

Select INPATIENT PHARMACY MENU Option: **AUTOM**atic Replenishment

Enter AR/WS Inpatient Site Name: **GEN**eral Hospital

Select Automatic Replenishment Option: **PROD**uction Menu

Select Production Menu Option: **AUTO** Replenishment Reports

Select Auto Replenishment Reports Option: **USAGE** Report for an Item (80 column)

Usage Report may be printed for:

- a single item for one AOU,
- a single item for ALL AOU's,
- ALL items for one AOU, or
- ALL items for ALL AOU's.

To select all AOU's, enter "^ALL" at the
"Select PHARMACY AOU STOCK AREA OF USE (AOU):" prompt.

To select all items, enter "^ALL" at the "Select ITEM:" prompt.

BEGINNING date for report: **2-1** (FEB 01, 1993)

ENDING date for report: **2-29** (FEB 29, 1993)

Select PHARMACY AOU STOCK AREA OF USE (AOU): **MED ROOM 1**

Select ITEM: **^ALL**

The right margin for this report is 80.

You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Production Menu

USAGE REPORT FROM FEB 1,1993 TO FEB 29,1993

PAGE 1

ITEM	AREA OF USE	DISPENSE QUANTITY			ON DEMAND RETURNS
		TOTAL	AUTO REPL	REPL	

	==> MED ROOM 1				
ACETAMINOPHEN 650MG SUPPOS.		370	370	0	0
AFRIN NASAL SPRAY (15ML)		21	21	0	0
ALBUTEROL INHALER		1	0	1	0
ASPIRIN 650MG SUPPOSITORIES		247	253	0	6
ATROPINE 1MG/10ML SYR. (BRISTOJECT)		57	54	3	0
BACITRACIN OINTMENT (1OZ)		28	28	0	0
BECLOMETHASONE ORAL INHALER		29	28	1	0
BENZOCAINE OINTMENT 20% (1OZ)		19	19	0	0
CALCIUM CHLORIDE 10% 10ML BRISTOJECT		4	0	4	0
CIMETIDINE 300MG/5ML ORAL SOLN (8 OZ)		4	0	4	0
CLOTRIMAZOLE 1% CREAM		61	61	0	0
DEXTROSE 5% IN NORMAL SALINE 1000ML		8	0	8	0
DEXTROSE 5% IN WATER,1000ML		174	174	0	0
DIAZEPAM 5MG/ML 2ML S.S.		275	270	10	5
DOMOL BATH & SHOWER OIL (8OZ)		176	176	0	0
FLUOCINONIDE 0.05% OINT. (60GM TUBE)		4	0	4	0
GENTAMICIN OPH SOLN (5ML)		62	58	4	0
GLUCAGON 1MG S.P.		32	30	2	0
GLYCERIN SUPPOSITORIES		263	263	0	0
HEPARIN 1,000 UNIT/ML S.S. (10ML)		110	105	5	0
HEXACHLOROPHENE 3% DET LOTION,5OZ		264	264	0	0
HYDROCORTISONE 1% CREAM (OZ)		76	76	0	0
ISOPROPYL ALCOHOL 70% (16OZ)		60	60	0	0
KAOLIN AND PECTIN SUSPENSION (16OZ BT)		28	28	0	0
KETO-DIASTIX STRIPS (100'S)		23	22	1	0
LACTULOSE SYRUP (16OZ BT)		22	20	2	0
LIDOCAINE 2% INJ. 20ML.		68	69	3	4
MILK OF MAGNESIA SUSP (16OZ BT)		37	37	0	0
MYLANTA II SUSP (5OZ)		242	254	0	12
PHENYTOIN 250MG SYRINGE		25	22	3	0
PILOCARPINE 4% OPHT.SOL.		3	0	3	0
POTASSIUM CHLORIDE 20MEQ PKT		785	785	0	0
PREDNISOLONE 1% OP.SOL.		57	57	0	0
SODIUM BICARBONATE POWDER (1 LB)		10	10	0	0
SODIUM CHLORIDE 0.9% IRR.,1000ML		351	351	0	0
STERILE WATER FOR IRR.,1000ML BT		146	146	0	0
VIDARABINE 3% OPH OINT (1/8OZ)		4	0	4	0

11.9 Zero Usage Report (80 column) [PSGW ZERO USAGE]

This report may be printed for a selected date range, and for a single Area of Use, several Areas of Use, or for all Areas. The report lists alphabetically those drugs for which there is no usage during the date range. For each drug the system checks for quantity dispensed by Automatic Replenishment or on-demand. It also subtracts returns for the item. Any item with zero usage or negative usage (because of returns), will be included on the report.

To the left of the drug name, you may see asterisks. For each asterisk printed, ninety days have passed from the date the item was last dispensed until the current date.

To the right of the drug name, you may see the date that the item was last dispensed. If returns were subtracted, then there will also be a message stating "INCLUDES RETURNS". If there are no inventory dates in the file for the item, then the message, "NO DISPENSE DATES FOUND" will be printed.

Any item on this report may require further investigation. Use the *Usage Report for an Item* option to print detailed information for a single item in an Area of Use.

The right margin for the report is 80. You may queue the report to be printed at a later time.

Example: Zero Usage Report (80 column)

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Automatic Replenishment Option: PRODuction Menu

Select Production Menu Option: AUTO Replenishment Reports

Select Auto Replenishment Reports Option: ZERO Usage Report (80 column)

BEGINNING date for report: 1-1 (JAN 01, 1993)

ENDING date for report: T (AUG 10, 1993)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

The right margin for this report is 80.

You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

Production Menu

ITEMS WITH ZERO USAGE FROM JAN 1,1993 TO AUG 10,1993

PAGE 1

AREA OF USE

DATE: AUG 10,1993@13:18

NO USAGE FOR:

DATE LAST DISPENSED:

==> MED ROOM 1

ACETAMINOPHEN TAB 325MG	NO DISPENSE DATES FOUND
ALUM.& MAG. HYDROXIDE GEL	NO DISPENSE DATES FOUND
ATROPINE SULFATE INJ 0.4MG/ML,20ML	NO DISPENSE DATES FOUND
BACITRACIN OINTMENT 1OZ	NO DISPENSE DATES FOUND
BECLOMETHASONE ORAL.INHALER 16.8GM	NO DISPENSE DATES FOUND
BENZOIN COMP TINCT	NO DISPENSE DATES FOUND
BLEOMYCIN INJ 15 UNIT	NO DISPENSE DATES FOUND
CHLORAMBUCIL TAB 2MG	NO DISPENSE DATES FOUND
CLOTTRIMAZOLE 1% CREAM	NO DISPENSE DATES FOUND
DEXTROSE 5% IN WATER 1000ML	NO DISPENSE DATES FOUND
DEXTROSE 50% 50ML SYRINGE	NO DISPENSE DATES FOUND
DIAZEPAM 5MG/ML 2ML AMP	NO DISPENSE DATES FOUND
DIGOXIN TAB 0.125MG	NO DISPENSE DATES FOUND
DOMOL BATH & SHOWER OIL	NO DISPENSE DATES FOUND
EPINEPHRINE INJ 1:1000 1ML (AMPUL)	NO DISPENSE DATES FOUND
GLUCAGON INJ 1MG	NO DISPENSE DATES FOUND
GLYCERIN SUPPOSITORIES 12'S	NO DISPENSE DATES FOUND
HEPARIN 1,000 UNIT/ML 10ML INJ	NO DISPENSE DATES FOUND
HEXACHLOROPHENE DET. 5OZ	NO DISPENSE DATES FOUND
HYDROCORTISONE 1% CREAM 30GM	NO DISPENSE DATES FOUND
HYDROGEN PEROXIDE SOLN 480ML	NO DISPENSE DATES FOUND
ISOPROPYL ALCOHOL 70% 480ML	NO DISPENSE DATES FOUND
KAOLIN AND PECTIN SUSP 360ML	NO DISPENSE DATES FOUND
KETO-DIASTIX 100'S	NO DISPENSE DATES FOUND
LACTULOSE SYRUP 10GM/15ML 480ML	NO DISPENSE DATES FOUND
LIDOCAINE 1% INJ 30ML	NO DISPENSE DATES FOUND
MAGNESIUM CITRATE SOLN 300ML	NO DISPENSE DATES FOUND
MILK OF MAGNESIA 480ML	NO DISPENSE DATES FOUND
POTASSIUM CHLORIDE 20MEQ EFF. T.	NO DISPENSE DATES FOUND
PSYLLIUM HYDROPHILIC MUCILLOID 14OZ	NO DISPENSE DATES FOUND
SODIUM CHLORIDE 0.9% 1000ML IRRIGATION	NO DISPENSE DATES FOUND
TIMOLOL 0.25% OP.SOL. 10ML	NO DISPENSE DATES FOUND

For each "*" printed, 90 days have passed from the date item was last dispensed to current date.

Production Menu

Auto Replenishment/Ward Stock Nurses' Menu

Nurses' Menu

Chapter Three: Auto Replenishment/Ward Stock Nurses' Menu

Auto Replenishment/Ward Stock Nurses' Menu [PSGW RN]

This option is the main menu driver for Automatic Replenishment/Ward Stock options used by nursing staff. There are currently three suboptions on the menu. They include

Enter/Edit Nurses' On-Demand Request (80 column)

List Stock Items (132 column)

Ward/AOU List for an Item (80 column)

Getting Out of an Option

To stop what you are doing, enter an up-arrow (^). You can use the up-arrow at any prompt to terminate the line of questioning and return to the previous level in the routine. Continue entering up-arrows to completely exit from the system.

**1.0 Enter/Edit Nurses' On-Demand Request (80 column)
[PSGW ON-DEMAND NURSING EDIT]**

An on-demand request is the non-scheduled distribution of an item to an Area of Use. This option is designed for Nursing to enter requests into the computer. You may enter an on-demand request for any item that is on the stock list for the Area of Use. For items which are not on the stock list, the request must be sent to the pharmacy in the same manner that is currently used.

To use this option, you must enter a date/time for the on-demand request. The default answer for this prompt is "NOW", and in most cases you should accept the default answer, future dates will not be permitted. Next, you should enter the name of the Area of Use for which the request is made. If you are unsure of the correct AOU, enter "?" for a listing of all Areas from which you may select. Finally, enter the name or names of the items that are needed, and the on-demand quantity for each.

If you select an item which is currently on backorder, you will be informed that the item is on backorder. You will not be able to enter a quantity for this item, as it is unavailable or "out of stock". The following "truth-table" concerning the allowable selection of drugs for on-demands by nursing staff is used for this option.

If Item in:	PHARMACY AOU STOCK file (#58.1)	DRUG file (#50)	User Action
	does not exist	INACTIVE	may not select
	does not exist	ACTIVE	may not select
	ACTIVE	ACTIVE	may select
	INACTIVE	ACTIVE	may not select
	ACTIVE	INACTIVE	may select *
	INACTIVE	INACTIVE	may not select

*This selection is allowed because some sites have stated that they may continue to stock an item for a time after it has been inactivated in the DRUG file.

After the on-demand request is entered, you may print a copy of the request just entered. The right margin for the report is 80 columns. The report shows the date of the request, Area of Use, name of the person entering the request, item name, backorders, and quantity to be dispensed.

When Pharmacy and Nursing jointly decide to use this option, some agreement must be made about its use. 1) If you choose, Nursing may enter the on-demand requests, print the report at their station, and send the paper copy to pharmacy to be filled. Using this method, you are assured that the request printed. 2) Or, Nursing may enter the on-demand requests, and at the "DEVICE:" prompt, enter a printer number for a device in the pharmacy. Someone would have to be responsible for removing the requests, picking the items, and distributing them to the proper Area of Use. The drawback with this approach is that the printer could

be off-line, out of paper, etc., and Nursing would not know that Pharmacy did not get the request. Or alternately, 3) you may establish a scheduled time of day for someone in pharmacy to print the report for the day for all Areas of Use. He/she would then pick the requested items, and send them to the AOU's. Nursing and Pharmacy must both know what time this will take place to avoid re-ordering items that were previously requested.

Again, realize that any request for a non-standard stock item will still have to come to the pharmacy via current methods.

Note: Items dispensed through the on-demand options are counted as Ward Stock on the AMIS Report, not as Automatic Replenishment.

Example: Enter/Edit Nurses' On-Demand Request (80 column)

```
Select NURSES' MENU Option: AUTO Replenishment/Ward Stock Nurses' Menu
Enter AR/WS Inpatient Site Name: GENeral Hospital
Select Auto Replenishment/Ward Stock Nurses' Menu Option: ENTER/Edit Nurses'
On-Demand Request (80 column)

SELECT DATE/TIME FOR ON-DEMAND REQUEST: NOW // N (AUG 10, 1993@13:30)
Select MEDICATION AREA OF USE: MED ROOM 1
Select ITEM: DIAZEPAM 5MG/ML 2ML S.S. MR,CC,S2
ON-DEMAND QUANTITY: 8
Select ITEM: HEPARIN 1,000 UNIT/ML S.S. (10ML) MR,CC,S2
ON-DEMAND QUANTITY: 4
Select ITEM: GENTAMICIN OPH SOLN (5ML) MR,CC,S2
ON-DEMAND QUANTITY: 3
Select ITEM: <RET>

Do you wish to print a copy of this on-demand request ? N// YES
DEVICE: [queue report here or send to designated device]
```

..... *report follows*

```
ON DEMAND REQUEST LIST BY DATE DATE: JUN 10,1993 PAGE: 1
REQUEST DATE: JUN 10,1993
```

ITEM	DT/TIME ORDERED	QTY	BACK-ORDER
==> AREA OF USE: MED ROOM 1			
ENTERED BY: NURSE,NANCY			
BACLOFEN 10MG TAB	JUN 10,1993@14:31	1	*Std. Stock
DIAZEPAM 5MG/ML 2ML S.S.	JUN 10,1993@14:31	8	*Std. Stock
GENTAMICIN OPH SOLN (5ML)	JUN 10,1993@14:31	3	*Std. Stock
HEPARIN 1,000 UNIT/ML S.S. (10ML)	JUN 10,1993@14:31	4	*Std. Stock
PHENYTOIN SODIUM 100MG/2ML INJ	JUN 10,1993@14:31	2	*Std. Stock
Expiration Date: DEC 2,1993			

2.0 List Stock Items (132 column) [PSGW PRINT AOU STOCK]

This option allows you to print the items entered as active stock for an Area of Use in the PHARMACY AOU STOCK file (#58.1). The report prints all items currently available for inventory, by AOU and will display the following information:

1. Item TYPE (for the report sorted by TYPE/LOCATION/ITEM)
2. Current Stock Level
3. Current Reorder Level
4. Current Minimum Quantity to Dispense

The report may be printed for a single AOU, several AOU's, or you may enter “^ALL” to print the report for all Areas of Use. Also, the report may be printed by two different sort order methods. You may print the stock list in order by type, and within type, by location. An alternate method is to print the stock list in alphabetical order.

Example 1: List Stock Items (132 column) By Type/Location/Item

Select INPATIENT PHARMACY MENU Option: AUTOMatic Replenishment

Enter AR/WS Inpatient Site Name: GENeral Hospital

Select Auto Replenishment/Ward Stock Nurses' Menu Option: LIST STOCK Items (80 column)

You may select a single AOU, several AOU's,
or enter “^ALL” to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> A

Select PHARMACY AOU STOCK AREA OF USE (AOU): MED ROOM 1

Select PHARMACY AOU STOCK AREA OF USE (AOU): <RET>

You may print by either of these sorting methods:

- (1) By TYPE/LOCATION/ITEM
- (2) Alphabetical by ITEM

Select SORT ORDER for report (enter 1 or 2): 1

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

Nurses' Menu

AOU STOCK LIST BY TYPE/LOCATION - DATE: JUN 10,1993
PAGE: 1

AREA OF USE TYPE EXPIRATION LOCATION	ITEM	STOCK LEVEL	REORDER LEVEL	MINIMUM QTY TO DISPENSE	
DATE					

==> MED ROOM 1					
TYPE: EXTERNALS					
02,1993	MR,CA,S1 BACITRACIN OINTMENT 10Z	3	1	2	DEC
02,1993	MR,CA,S1 CLOTRIMAZOLE 1% CREAM	4	1	2	DEC
13,1993	MR,CA,S1 HYDROCORTISONE 1% CREAM 30G	4	2	2	AUG
02,1993	MR,CA,S2 DOMOL BATH & SHOWER OIL	8	2	6	DEC
LISTED	MR,CA,S2 HEXACHLOROPHENE DET. 5OZ	6	1	6	NOT
05,1993	MR,CA,S2 HYDROGEN PEROXIDE SOLN 480ML	2	1	1	NOV
02,1993	MR,CA,S2 ISOPROPYL ALCOHOL 70% 480ML	6	1	6	DEC
02,1993	MR,CD,S3 BENZOIN COMP TINCT	1	NOT LISTED	NOT LISTED	
	NOT LISTED ACETONE	10	5	5	DEC
TYPE: ORAL LIQUID					
02,1993	MR,CC,S2 ACETAMINOPHEN 500MG/15CC ELIX	2	1	1	DEC
25,1993	MR,CC,S2 CASTOR OIL 60ML U.D.	2	1	1	SEP
LISTED	MR,CC,S2 MILK OF MAGNESIA 480ML	4	2	2	
	MR,CC,S3 ALUM.& MAG. HYDROXIDE GEL	6	2	6	NOT
	MR,CC,S3 KAOLIN AND PECTIN SUSP 360ML	2	1	1	
	MR,CC,S3 MAGNESIUM CITRATE SOLN 300ML	3	1	3	
TYPE: ORAL SOLID					
02,1993	MR,B2,S1 BUSULFAN TAB 2MG	10	5	5	
	MR,CA,S3 CHLORAMBUCIL TAB 2MG	5	1	3	DEC
	MR,CC,S4 ACETAMINOPHEN TAB 325MG	50	10	25	
	MR1,S1,D2 DIGOXIN TAB 0.125MG	2	NOT LISTED	NOT LISTED	
TYPE: INJECTION					
10,1993	MR,CC,S1 DEXTROSE 50% 50ML SYRINGE	5	1	4	
	MR,CC,S1 DIAZEPAM 5MG/ML 2ML AMP	10	2	6	SEP
02,1993	MR,CC,S1 GLUCAGON INJ 1MG	3	1	2	DEC
	MR,CC,S1 LIDOCAINE 1% INJ 30ML	3	2	1	
TYPE: OPHTHALMIC, OTIC					
LISTED	MR,CA,S4 TIMOLOL 0.25% OP.SOL. 10ML	3	1	2	NOT
TYPE: SUPPOSITORY					
LISTED	MR,REF,S2 ACETAMINOPHEN SUPP 650MG	12	1	6	NOT
LISTED	MR,REF,S2 ASPIRIN SUPP 650MG	12	1	6	NOT
LISTED	MR,REF,S2 GLYCERIN SUPPOSITORIES 12'S	2	1	1	
TYPE: CONTROLLED DRUG (II)					
10,1993	MR,CC,S1 DIAZEPAM 5MG/ML 2ML AMP	10	4	6	SEP
TYPE: REAGENT/TEST ITEM					
	MR,CB,S1 KETO-DIASTIX 100'S	2	1	1	

Nurses' Menu

Example 2: List Stock Items (132 column) Alphabetical by Item

Select INPATIENT PHARMACY MENU Option: **AUTOM**atic Replenishment

Enter AR/WS Inpatient Site Name: **GEN**eral Hospital

Select Auto Replenishment/Ward Stock Nurses' Menu Option: **LIST STOCK** Items (80 column)

You may select a single AOU, several AOU's,
or enter "^ALL" to select all AOU's.

-OR-

You may select an Inventory Group.

Do you want to select AOU(s) or an Inventory Group? (Enter 'A' or 'I')=> **A**

Select PHARMACY AOU STOCK AREA OF USE (AOU): **MED ROOM 1**

Select PHARMACY AOU STOCK AREA OF USE (AOU): **<RET>**

You may print by either of these sorting methods:

- (1) By TYPE/LOCATION/ITEM
- (2) Alphabetical by ITEM

Select SORT ORDER for report (enter 1 or 2): **2**

The right margin for this report is 80.
You may queue the report to print at a later time.

DEVICE: *[queue report here or send to designated device]*

..... report follows

ALPHABETICAL LISTING OF AOU STOCK - DATE: AUG 10,1993 PAGE: 1

AREA OF USE TYPE ITEM	LOCATION	STOCK LEVEL	REORDER LEVEL	MINIMUM QTY TO DISPENSE	EXPIRATION DATE
==> MED ROOM 1					
ACETAMINOPHEN 500MG/15CC ELIX.	MR,CC,S2	2	1	1	DEC 02,1993
ACETAMINOPHEN SUPP 650MG	MR,REF,S2	12	1	6	DNOT LISTED
ACETAMINOPHEN TAB 325MG	MR,CC,S4	50	10	25	DEC 02,1993
ACETONE	NOT LISTED	10	5	5	DEC 02,1993
ALUM.& MAG. HYDROXIDE GEL	MR,CC,S3	6	2	6	DEC 02,1993
ASPIRIN SUPP 650MG	MR,REF,S2	12	1	6	NOT LISTED
ATROPINE SULFATE INJ 0.4MG/ML,20ML	MR,CC,S1	3	2	1	
BACITRACIN OINTMENT 10Z	MR,CA,S1	3	1	2	DEC 02,1993
BECLOMETHASONE ORAL INHALER 16.8GM	MR,CC,S5	6	1	5	
BENZOIN COMP TINC	MR,CD,S3	1	NOT LISTED	NOT LISTED	
BLEOMYCIN INJ 15 UNIT	NOT LISTED	3	2	2	
BUSULFAN TAB 2M	MR,B2,S1	10	5	5	
CASTOR OIL 60ML U.D.	MR,CC,S2	2	1	1	SEP 25,1993
CHLORAMBUCIL TAB 2MG	MR,CA,S3	5	1	3	DEC 02,1993
CLOTRIMAZOLE 1% CREAM	MR,CA,S1	4	1	2	DEC 02,1993
DEXTRROSE 50% 50ML SYRINGE	MR,CC,S1	5	1	4	
DIAZEPAM 5MG/ML 2ML AMP	MR,CC,S1	10	2	6	SEP 10,1993
DIGOXIN TAB 0.125MG	MR1,S1,D2	2	NOT LISTED	NOT LISTED	
DISULFIRAM TAB 250MG	MR,C1,C2	2	1	1	DEC 02,1993
DOMOL BATH & SHOWER OIL	MR,CA,S2	8	2	6	
EPINEPHRINE INJ 1:1000 1ML (AMPUL)	MR,CC,S1	3	1	2	
GLUCAGON INJ 1MG	MR,CC,S1	3	1	2	
GLYCERIN SUPPOSITORIES 12'S	MR,REF,S2	2	1	1	
HEPARIN 1,000 UNIT/ML 10ML INJ	MR,CC,S1	12	6	6	
HEXACHLOROPHENE DET. 5OZ	MR,CA,S2	6	1	6	NOT LISTED
HYDROCORTISONE 1% CREAM 30GM	MR,CA,S1	4	2	2	AUG 13,1993
HYDROGEN PEROXIDE SOLN 480ML	MR,CA,S2	2	1	1	NOV 05,1993

[This report has been abbreviated to save space.]

3.0 Ward/AOU List for an Item (80 column) [PSGW LOOKUP ITEM]

This option is used primarily to locate the wards and Areas of Use that stock a selected item. After you enter the name of the item, the report prints out the name of the ward, Area of Use, location, and stock level of the item within the AOU. If an Area of Use stocks the item, but the AOU is not associated with a ward, e.g., cardiac cath lab, then these Areas will be printed at the top of the report. Afterward, those AOU's which have associated wards will be printed.

Example: Ward/AOU List for an Item (80 column)

Select NURSES' MENU Option: AUTO Replenishment/Ward Stock Nurses' Menu

Enter AR/WS Inpatient Site Name: GENERAL HOSPITAL

Select Auto Replenishment/Ward Stock Nurses' Menu Option: WARD/AOU List for an Item (80 column)

Using this option, you may look up the wards and/or Areas of Use which stock the item you select.

The right margin for this report is 80.
You may queue the report to print at a later time.

Select ITEM Name: HEPARIN 1,000 UNIT/ML S.S. (10ML)

DEVICE: *[queue report here or send to designated device]*

..... *report follows*

WARD/AOU LIST FOR AN ITEM DATE: MAY 26,1993
ITEM NAME

WARD	AREA OF USE	LOCATION	STOCK LEVEL

==> HEPARIN 1,000 UNIT/ML S.S. (10ML)			
1 NORTH	MED ROOM 1	MR,CC,S2	10
1 WEST	MED ROOM 1	MR,CC,S2	10
2 NORTH	MED ROOM 3	MR,CC,S2	10
2 SOUTH	MED ROOM 3	MR,CC,S2	10
2 WEST	MED ROOM 3	MR,CC,S2	10

Appendices

Appendices

Appendix A. How To Work With The System

I. Introduction

Is this appendix for you?

If you're just learning to use DHCP software, this appendix will introduce you to a small but important part of the DHCP world—signing on, entering data, and getting out. You do not have to be a computer expert to use DHCP software. You do not have to know a lot of technical terms. You do have to follow instructions. And, in general, you need to be curious, flexible, and patient. This appendix will help you get started. If you are an experienced DHCP user, this appendix can serve as a reminder.

Other Resources

If you are not familiar with DHCP software applications, we recommend that you study the *DHCP Users Guide to Computing*. This orientation guide is a comprehensive handbook benefiting first time users of any DHCP application. The purpose of the introductory material is to help you become familiar with basic computer terms and the components of a computer. It is reproduced and distributed periodically by the Kernel Development Group. To request a copy, contact your local Information Resource Management (IRM) staff.

How Does DHCP Work?

The Decentralized Hospital Computer Programs (DHCP) use the computer in an interactive fashion. An interactive system involves a conversation with the computer. The computer asks you to supply information and immediately processes it. You will be interacting with the software by responding to prompts (the questions) in the program. Your responses are recognized by the computer when you complete the interaction by pressing the return or enter key.

DHCP software is "menu driven." A menu is a screen display which lists all of the choices (options) available. You will see only the menus, options, and functions which you have security clearance to use. Once you have made a selection, the software may branch to another menu (submenu) or you may be asked to answer questions which allow the computer to perform tasks.

II. How to Sign On

The procedure for establishing a link to the terminal involves access and verify codes. These codes are assigned by your supervisor. For security reasons, the access code and verify code are not displayed on the terminal screen when you type them in. Please do not write your code down or reveal it to others. The sign-on banner shows the date and time when you last signed on. The banner also shows if the account had any unsuccessful attempts at log-on. You will be required to change your verify code every 90 days.

Press the return key on the keyboard. A blinking cursor will appear on the terminal. You will then see:

```
ACCESS CODE: [Enter your assigned access code.]
```

```
VERIFY CODE: [Enter your assigned verify code.]
```

III. How to Stop

In most cases, when you begin an option you will continue through it to a normal ending. At times however, you may wish to exit the option to do something else. To stop what you are doing, enter an up-arrow (^). You may use the up-arrow at any prompt to terminate the line of questioning and return to the previous level in the routine. Continue entering the up-arrow to completely exit the system.

IV. How to Enter Data

Each message you type in must be followed by pressing the return key (or enter key on some keyboards) to indicate you have completed that entry. In many cases, you need only enter the first few letters (called shortcut synonyms) of an option or field, and the computer fills in the rest. Shortcut synonyms help increase speed and accuracy.

If you want to bypass a prompt, press the return or enter key and the computer will go on to the next question. You will be allowed to bypass a question only if the information is not required to continue with the option.

Some typists use the lower case "L" for the number "1" and the letter "O" for zero. Please keep in mind that with this software the number "1" and the letter "l" are not interchangeable. Also the number "0" and the letter "O" are not interchangeable.

V . How to Get Help

If you need assistance while interacting with the software, enter a question mark or two to receive on-line help.

- ? Entering a single question mark at a prompt will provide a brief help message.
- ?? Two question marks entered at a prompt will provide a more extensive description and/or a list of choices appropriate to the prompt.

VI. Responding to Prompts

When the computer prompts you with a question, typically a colon (:) will follow. Several types of prompts may be used including yes/no, select, and default. Prompts can be a field in a file, like the basic prompt shown below:

DATE OF BIRTH: This type of prompt is waiting for you to enter a value, like March 3, 1960. Don't forget to complete your interaction by pressing the return or enter key.

Select Prompt

If the answer to the prompt is a choice of several alternatives, the question may appear prefixed with the word "Select", as below:

Select PATIENT NAME:

Yes/No Prompt

If the question requires either a Yes or No response (in which case simply Y or N, upper or lower case, is acceptable), the question may be followed by a question mark rather than a colon.

ARE YOU SURE?

Sometimes, the text of the question will include, within parentheses, the different allowable responses that you can make to that question:

ARE YOU SURE (Y/N)?

Default Prompt

Sometimes the question the computer is asking you has a standard expected answer. This is known as the default response. In order to save you the trouble of typing the most probable answer, the computer provides the answer followed with a double slash (/). You either enter nothing (also known as a null response) by pressing the return key to indicate acceptance of the default response as your answer, or you can type a different response:

IS IT OKAY TO DELETE? NO//

VII. Invalid Response

The computer software checks each answer immediately after it is entered. Whenever the computer determines that an answer is invalid for any reason, it beeps, displays two spaces and two question marks, and repeats the question on a new line.

VIII. LAYGO

DHCP software checks your answers against an internally stored table of valid answers. If your answer is not stored in this table but the Learn-As-You-Go (LAYGO) mode is allowed, the computer adds your response as one of those valid answers. If LAYGO mode is allowed then an example dialogue goes something like this:

ARE YOU ADDING A NEW CLINIC?

If you respond with a Y (or YES), the software adds the new clinic in its validation table and accepts the answer. If anything other than Yes is entered, the original answer will be invalidated and the question will be repeated.

IX. How to Enter Dates and Times

When the acceptable answer to a question is a date, use the following answer formats. Note that the response is not case sensitive, upper or lower case input is acceptable:

JULY 20, 1969	
7/20/69	
20 JUL 69	
10jul69	
10 jul 69	
072069	
TODAY or Today or T or t	(today)
TODAY+1 or T+1 or t+1	(tomorrow)
TODAY-7 or T-7 or t-7	(one week ago)
TODAY+3W or T+3W or t+3w	(3 weeks hence)
NOW+1H	(present time plus one hour)
NOW+4M	(present time plus four months)
NOON	(12:00 p.m.)
MID	(12:00 a.m.)

The year portion of the date can be left off; normally the system will assume current year.

Appendices

Occasionally, the software will allow you to enter a time-of-day in connection with a date, for example, 4:00 p.m. on July 20, 1969. To do this, type the date in one of the above forms followed by an at sign (@), followed by the time. For example, you might enter:

```
20 JUL 69@4PM
```

In this mode, you can enter time either as military (four digit) time, hour AM/PM, or hour:minute:second AM/PM, or simply NOW (or Now or now) for the current date/time.

The colon (:) can be omitted and AM/PM can also be omitted if the time being entered is between 6 a.m. and 6 p.m. Thus, today at 3:30 p.m. may be entered as:

```
T@330
```

Use MID as a response to mean 12:00 a.m. (midnight) and NOON as a response to mean 12:00 p.m. for time associated with dates:

```
T+3W@MID
```

X. Making Corrections

When you want to delete an answer previously entered, without substituting any other answer, enter an at sign (@) as a response to that prompt. This leaves the answer blank.

```
DATE OF BIRTH: May 21, 1946//@
```

In this example, the date on file has been erased and now there is no answer to the DATE OF BIRTH prompt; it is null.

The system will ask you to confirm that you really intend to delete the information. You may not be able to delete a response if the information is required:

```
ARE YOU SURE?
```

This question is a safety feature, giving you a chance to change your mind now, without reediting later.

XI. Spacebar Recall Feature

When using this software, you may want to answer a prompt with a code meaning *the same as before*. The computer is capable of remembering what your last response(s) were the last time you signed on. This feature is called spacebar recall and employs the spacebar and return keys.

You generally can repeat information you entered the first time by entering a space and pressing the return or enter key. For example, you may wish to do a series of procedures for one patient. Each time (after the first) you are asked for the patient name, you may enter a space and press the return key and the computer will enter the same patient.

XII. Printing Reports

Frequently, when you have finished some data entry you will be asked if you wish to print the record, file, or report. You may display the report on your terminal screen or produce a paper copy. You will be prompted to enter a device number of the printer you want to use. If you do not know the device number of the printer, you may type in a question mark for a list of printers. In some cases the device you will use has already been decided for you and you will not be asked where you want to print. If you need assistance in determining the device number, ask your application coordinator or site manager.

Right Margin

Sometimes you will be asked to specify the right margin of the report. You will not be asked this in all cases as the information may be preset for the device you specify and a default answer provided. Nevertheless, your choices are simple. Generally, "80" is used for standard size paper and displaying on the terminal screen; "132" is used for larger paper.

```
DEVICE:                               Right Margin: 80//
```

Display the Report on the Terminal Screen

Display is the word used to indicate the data is printed to a terminal screen rather than on paper. At the DEVICE prompt, if you want to view a report on your screen, press the return key. Normally, if you do not specify a device number, the information will print on your screen. After the screen fills with the first page of the report, you will be prompted to press the return key to continue with the next screen of data. The process is repeated at the bottom of every screen. You may exit the option at any time by entering an up-arrow (^).

```
Press <RET> to continue, or '^' to quit
```

Queue Report to a Printer

If you want to queue your output to run in the background, type the letter "Q" at the DEVICE prompt. Next, you will be prompted to enter a device number of the printer you want to use. Finally, enter the date and time you would like the report to print.

```
DEVICE:                               Enter the letter "Q" to queue the print job.
```

Appendices

DEVICE :

Enter the device name or number.

Requested Start Time: NOW//

Press the return key or enter a time here using the date and time formats discussed above (e.g., NOW+1 for one hour from now).

Appendices

Glossary

Glossary

AMIS Category	The AMIS category will classify AR/WS drugs for AMIS purposes. The 4 AMIS categories are “0”, “1”, “2”, and “3”. “0” means the drug is classified as field 03 or 04. This includes tablets, capsules, multi-dose vials, etc. It does not include multiple- dose externals, liquids, or antacids. “1” means the drug is classified as field 06 or 07. This includes multiple-dose externals, liquids, antacids, otics, ophthalmics, and inhalations. “2” means the drug is classified as field 17. This includes solutions and administration sets. “3” means the drug is classified as field 22. This includes blood and blood products.
AMIS Conversion Number	The AMIS conversion number reflects the number of doses/units contained in a single quantity dispensed. For example, for a 20cc vial, the quantity dispensed is 1, and the AMIS conversion number is 20.
AOU - Area of Use	An Area of Use is a place where commonly stocked items are stored for use by wards or treatment areas. An AOU may serve one or more wards or clinics, or, as in the case of “cardiac cath lab”, no ward.
AOU Inventory Group	An AOU Inventory Group is defined by pharmacy to represent the Areas which are inventoried together as a “batch” or “cluster”. This is a way to “group” commonly inventoried AOU’s under an easy to remember inventory group name. For each AOU in the inventory group, you may specify which inventory types will be included for this specific inventory group. By defining the inventory groups initially, you do not have to re-define the inventory boundaries every time a particular inventory is scheduled.

Automatic Replenishment/Ward Stock	A method of drug distribution and inventory management within a hospital. Drug products can be automatically inventoried and delivered to an Area of Use (AOU) or requested on demand.
Backorder Amount	A backorder occurs when the actual amount dispensed is less than the “to be dispensed” amount (i.e., pharmacy did not have sufficient stock to fill the total number requested). The difference between these two amounts is the total that should be on backorder. Backorder amount is figured by the computer if both the inventory sheet and pick list are printed. If the MERGE INV. SHEET AND PICK LIST site parameter is set to “YES”, then the backorder amount must be entered using the <i>Enter Backorders</i> option.
Backorder File	Backorder requests are created automatically by the computer when the inventory sheet and pick list are not merged. File 58.3 contains item name, AOU, date of backorder, quantity backordered, and date filled.
Inpatient Site	The INPATIENT SITE field for each AOU defined in the PHARMACY AOU STOCK file (#58.1) contains the name of the Inpatient Site (from the INPATIENT SITE file, see the next definition below) that will receive credit for all AMIS transactions that occur in the AOU. It is <i>very important</i> that this field be defined!! If it is not, all transactions for the AOU will be ignored and will directly affect the accuracy of the AMIS Stats Report.
Inpatient Site File (#59.4)	The INPATIENT SITE file contains site parameters which allow a station to “customize” the software. AR/WS parameters affect (1) whether or not a separate inventory sheet and pick list are printed, (2) whether or not columns are printed on the inventory sheet for returns, (3) when the collection of AMIS data begins, and (4) whether the site name is used for Automatic Replenishment or Unit Dose.

Inventory Sheet	The printed form used to take inventory. Includes item location within AOU, item name, stock level required, a column to record the amount on-hand, and a column to record returns. (Return column prints only if the PRINT RETURN COLUMNS site parameter is set to "YES").
Inventory Type	Name or names linked to items found in the AOU allowing you to inventory BY THIS TYPE. For example, isopropyl alcohol could be classified as an External. An item may have more than one inventory type. This will allow the item to be selected for inventory by either type.
Item Address Code (Location Code)	A code that represents the location of an item in the AOU. For example, if isopropyl alcohol is stored in an AOU on the second set of shelves, third shelf from the top, its item address code could be expressed as S,2,3. The address code can consist of up to 3 levels separated by a comma. Each level should further define the exact location. The code is associated with an expansion for clarity.
Item Address Code Expansion	Text used to clarify the meaning of an item address code. For example, on the inventory sheet and pick list, the code S would be expanded and printed as shelf. (These codes and expansions are locally created terms.)
Minimum Quantity to Dispense	The least amount of an item to be dispensed. If defined for an item it will be used by a site as a guideline for dispensing items that are best dispensed in bulk quantities.
On Demand Request	Non-scheduled distribution of an item to an AOU.
PSGW PARAM	The PSGW PARAM key should be given ONLY to the Inpatient Pharmacy Package Coordinator. This lock controls when the collection of AMIS data begins.

PSGW PURGE	The PSGW PURGE key should be given <i>only</i> to the Inpatient Pharmacy Package Coordinator or his/her designee. This lock controls the deletion of data from the AR/WS files and should be assigned with discretion.
PSGW TRAN	The PSGW TRAN key should be given <i>only</i> to the Inpatient Pharmacy Package Coordinator or his/her designee. The key controls access to the <i>Transfer AOU Stock Entries</i> option. Using the transfer option, users may “copy” the stock entries from one Area of Use into other Areas.
PSGW RN	Primary menu option for the Automatic Replenishment/Ward Stock Nurses’ Menu. This menu allows nursing to enter on demand requests, list stock items, and locate AOU’s which stock a specified item.
PSGWMGR	The name of the key that must be assigned to Inpatient Pharmacy Package Coordinators using the AR/WS package. This key allows access to the <i>Supervisor’s Menu</i> options. Also, the name of the primary menu option to be assigned to all pharmacy personnel using the AR/WS package.
Pick List	Used to dispense the inventory. This is a two part report. The first part prints in same format as the inventory sheet. It shows: item location, item name, stock level, on-hand amount, total backorders, the amount to be dispensed, and a column to enter the amount dispensed if it is less than the number in the “to be dispensed” column. The second part of the pick list is used by the pharmacy to pick the items. It contains item name, quantity to be dispensed, and a column to record actual quantity dispensed.
Quick Code	An abbreviated form of the drug generic name (from 1 to 10 characters). Lookup is done on print name, QUICK CODE, or synonym. Quick codes are displayed on the Inventory Sheet.

Reorder Level	If defined for an item, this is the stock level an item should reach before it can be replenished.
Service	Service is located under Ward (For Percentage) in the PHARMACY AOU STOCK file. It is the name of the service which composes the ward. For example, cardiology and neurology are services.
Service Percentage	The percentage of ward use by a particular service. For example, 40 beds used by Cardiology out of 100 would be 40%.
Stock Item	An item (from the DRUG file) stored in the AOU.
Stock Level	The quantity of an item stocked in a specific AOU.
Ward (for item)	The name of the ward or wards that will use this particular item. It is important to accurately answer this prompt because this is the link between the AR/WS package and the Unit Dose package. The Unit Dose package looks at this field to know if the drug is a Ward Stock item.
Ward/Location (for percentage)	The name of the MAS location that is served partially or totally by an Area of Use. This field will generally be used for reporting purposes. If the AOU is <i>not</i> composed of any wards, enter “^” <RET> at the “Ward/Location (for percentage)” prompt.

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