

6.0 Internal Relations

6.1 Stand Alone Menus

The following menus have menu actions necessary for their proper functioning. Items on these menus must not be moved without incorporating the appropriate actions.

Table 6-1: Stand Alone Menus

NAME	MENU TEXT	MENU ENTRY ACTION
BLR F6 AM/AU MENU	Antimicrobial Use and Resistance Reporting (F6)	None
BLR F6 MG EDIT	F6 ALERTS Mail Group Edit	MAILGRPE^BLRMEREA("F6 ALERTS")
BLRAM ANTIMICRO RES DATE RANGE	Date Range Antimicrobial Resistance Transactions	BLRAMDR
BLRAM ANTIMICROBIAL RES EXPORT	Generate Antimicrobial Resistance Transmission	START^BLRAMD
BLRAM DISP ANTIMICRO RES LOG	Display Antimicrobial Resistance Transmission Log	BLRAMLG
BLRAM INTERNAL TESTING	Date Range Option for Internal Testing	BLRAMDRZ
BLRAM QUEUE ANTIMICRO RES EXP	Queueable Antimicrobial Resistance Transmission	QUEUE^BLRAMD
BLRAM RERUN PREVIOUS AR EXPORT	Re-Run Previously Run AM Resistance Transmission	BLRAMRD
BLRAM RESET ANTIMICRO RES LOG	Reset Antimicrobial Resistance Transmission Log	BLRAMRL
BLRAMMENU	Antimicrobial Resistance Reporting System	None
BLRAU ANTIMICRO USE DATE RANGE	Date Range Antimicrobial Use Report	BLRAUDR
BLRAU ANTIMICROBIAL REPORT	Report of Antimicrobial Use for a Log Entry	BLRAULAR

8.0 Documentation Resources

This section describes a few methods to generate online technical documentation.

8.1 System Documentation

Online VPS system documentation can be generated through the use of several Kernel options, including, but not limited to:

- %INDEX
- Menu Management
- Inquire Option
- Print Option File
- VA FileMan
- Data Dictionary Utilities
- List File Attributes

For more option listings and further information about other utilities that supply online technical information, see the Decentralized Hospital Computer Program (DHCP) Kernel Reference manual.

8.1.1 %INDEX

The %INDEX option analyzes the structure of a routine to determine in part, if the routine adheres to RPMS programming standards. The output can include the following components:

- Compiled list of errors and warnings
- Routine listing
- Local variables
- Global variables
- Naked globals
- Label references
- External references
- Running %INDEX for a specified set of routines allows users to discover any deviations from RPMS programming standards that exist, and to see how routines interact with one another (i.e., which routines call or are called by other routines).

To run %INDEX for the VPS system:

- At the “**Routine(s)?**” prompt, type the <<CC>> namespace.

8.1.2 Inquire Options

The Inquire menu management option provides the following information about a specified option:

- Option name
- Menu text
- Option description
- Type of option
- Lock (if any)

In addition, all items on the menu are listed for each menu option. To secure information about IHS Laboratory Reporting System options, specify the LR namespace.

8.1.3 Print Option File

The Print Option File utility generates a listing of options from the Option file (#19). Users can print all of the entries or a single option or range of options.

8.1.4 List File Attributes

This VA FileMan option allows users to generate documentation pertaining to files and file structure. The standard format of this option provides the following data dictionary information for a specified file:

- File name and description
- Identifiers
- Cross-references
- Files pointed to by the file specified
- Files that point to the file specified
- Input, print, and sort templates

In addition, the following applicable data is supplied for each field in the file:

- Field name, number, title, and description
- Global location
- Help prompt
- Cross-references
- Input transform
- Date last edited

- Notes

Using the Global Map format of this option generates an output that lists the following information:

- All cross-references for the file selected
- Global location of each field in the file
- Input, print, and sort templates

For a comprehensive listing of IHS Laboratory Reporting System files, see Section 4.0.

8.2 Online Help

In addition to system documentation, RPMS includes special help displays for most menu options and data entry prompts. Typing ? at the “**Select . . . Option**” prompt displays information related to the current option, where

Table 8-1: Online help

Typing . . .	Displays . . .
one question mark (?)	a list of all options accessible from the current option.
two question marks (??)	a list of all accessible options and their formal names
three question marks (???)	a brief description for each option in a menu.
one question mark (?) followed by an option name (? OPTION)	extended help, if available, for that option

9.0 SAC Requirements and Exemptions

None.

Appendix A Ensemble Production

An ancillary part of the LR application consists of an Ensemble production which takes the created BLRTMP global information and produces output files to be sent to the NHSN. The following list the technical components of the BLRAM production. Guidance on the configuration and usage of the production can be found in the associated installation guide.

A.1 Routines

The GTSTS^BLRAMRTN routine accepts a single parameter and returns a status of the production. The three possible values returned are, 'running', 'Business service not running', and 'Production not running'.

All other routine names and descriptions are not provided as the routines associated with the production classes are automatically generated and should not be edited.

A.2 BLRAM.Prod Classes

A.2.1 Adapters

A.2.1.1 AlertInbound

Extends class	Method(s)	Purpose
Ens.InboundAdapter	OnTask	<ul style="list-style-type: none"> Identifies all AlertItem class entries where the ReportedTimestamp property is NULL. Provide the AlertItem class entry object(s) to the ProcessInput method of the class using this adapter.

A.2.1.2 Inbound

Extends class	Method(s)	Purpose
Ens.InboundAdapter	OnTask	<ul style="list-style-type: none"> Identifies an entry into the rpmsGlobal Inbound Queue for processing. Merges the information from the rpmsGlobl into the loclGlobal Removes the entry into the rpmsGlobal Inbound Queue. Provides an ENS.StringRequest object to the ProcessInput method of the class using this adapter.

A.2.2 Alert

A.2.2.1 AlertItem

Property	Type
SourceConfigName	%String
AlertText	%String
CreatedTimestamp	%TimeStamp
Category	%String
ReportedTimestamp	%TimeStamp

Indexes
ReportedTimestampIdx
CreatedTimestampIdx

A.2.3 Build.DTL

A.2.3.1 create.AROdetail

Extends class	Input	Output
Ens.DataTransformDTL	DocumentRequest	New.ClinicalDocument

Elements populated	Not applicable	Not applicable
realmCode	Not applicable	Not applicable
typeld	Not applicable	Not applicable
templated(4)	Not applicable	Not applicable
id	Not applicable	Not applicable
code	Not applicable	Not applicable
title	Not applicable	Not applicable
effectiveTime	Not applicable	Not applicable
confidentialityCode	Not applicable	Not applicable
languageCode	Not applicable	Not applicable
setId	Not applicable	Not applicable
versionNumber	Not applicable	Not applicable
recordTarget	Not applicable	Not applicable
author	Not applicable	Not applicable
custodian	Not applicable	Not applicable
componentOf	Not applicable	Not applicable

