



RESOURCE AND PATIENT MANAGEMENT SYSTEM

Chronic Disease Management

(BCDM)

Technical Manual

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Preface

The purpose of this manual is to provide technical information about the IHS CDMP HL7 software.

1.0 Introduction

This manual provides IHS site managers with a technical description of the IHS CDMP HL7 software routines, menu item, cross references, and other necessary information required to effectively manage the system.

All routines and options are namespaced starting with the letters 'BCDM'. The package does not include any Fileman files or globals.

2.0 Implementation and Maintenance

N/A

2.1 General Information

N/A

2.2 System Requirements

- Caché
- FileMan 22
- Kernel 8.0 thru Patch 1013
- MailMan 7.1
- AICD 3.51 thru Patch 7
- AUPN 99.1 thru Patch 20
- AUT 98.1 thru Patch 23
- BJPC 2.0 thru Patch 4
- GIS 3.01 thru Patch 14

2.3 Package-wide Variables

All package-wide variables in the BCDM* routines begin with BCDM. The software is dependent on the way the GIS package handles variables.

2.4 Security Keys

There are none as there are no options designed to be assigned to users.

3.0 Routine Descriptions

There are only two routines that make up the BCDM software.

3.1 Routine List

BCDMFLDS

BCDMSNDR

3.2 Routines with Description

Routine	Description
BCDMFLDS	Contains field calculations. Entry points are called from within GIS fields and segments.
BCDMSNDR	Routine to be run by taskman. It sets up variables and calls the GIS interface

4.0 Files and Tables

4.1 File List

N/A

4.2 File Access

N/A

4.3 Cross References

N/A

5.0 External Relations

In order for HL7 messages to be sent the GIS package needs to be running.

5.1 Callable Routines

N/A

5.2 Published Entry Points

There are none.

5.3 Exported Options

N/A

6.0 Internal Relations

There are no menus intended to be assigned to users. The only menu option is the one that should be tasked nightly. It is BCDM CDMP NIGHTLY TASK.

7.0 Archiving and Purging

Since there are no files and no data stored in the package there is no provision for archiving and purging. All purging is handled through the GIS package.

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 BCDM namespace.

8.1.2 Inquire Option

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 Chronic Disease Management options, specify the BCDM 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 Chronic Disease Management files, see Section 4.0, “Files and Tables.”

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

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/Exemptions

N/A

Glossary

N/A

Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

Phone: (505) 248-4371 or (888) 830-7280 (toll free)

Fax: (505) 248-4363

Web: <http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm>

Email: support@ihs.gov