Preface

This Technical Manual presents the major features of the Engineering system Automated Engineering Management System /Medical Equipment Reporting System (AEMS/MERS). This manual may be used by anyone having access to the system, from novice user to system manager, as a reference text and as a guide to understanding the package as a whole.
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Revision History

Initiated on 12/29/04

<table>
<thead>
<tr>
<th>Date</th>
<th>Description (Patch # if applic.)</th>
<th>Project Manager</th>
<th>Technical Writer</th>
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<tr>
<td>04/2008</td>
<td><em>Updated with Patch EN</em>7*87, IT EQUIPMENT TRACKING ENHANCEMENT</td>
<td>Debbie Lawson</td>
<td>Mary Ellen Gray</td>
</tr>
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<td>Updated to comply with SOP 192-352 Displaying Sensitive Data.</td>
<td></td>
<td>Mary Ellen Gray</td>
</tr>
<tr>
<td>12/29/04</td>
<td>Pdf file checked for accessibility to readers with disabilities.</td>
<td></td>
<td>Mary Ellen Gray</td>
</tr>
</tbody>
</table>

* Please note that the technical manual has been updated for enhancement patch EN*7*87 (IT Equipment Tracking), but has not been updated for other patches since the release of Version 7.0 in August 1993.
Introduction

**Manual Use**
The Engineering system is designed for effective interaction for all user levels, from the novice user to the site manager. A knowledge of VA FileMan user protocol is all that is required to use the system.

**On-line Access**
Upon gaining access to the system, the user is prompted for a menu selection at each level of the system. If the user wishes a list of available selections entering a `<?>` will bring up a list of available selections. `<??>` will give additional information, and `< ?OPTIONS>` will list further options. The user should enter a carriage return to accept a default answer, or enter a new value.

Entries may be made in either upper case or lower case characters, as the fields are not case sensitive. If a long entry is being entered, only the first few letters of the entry should be typed, as three letters are sufficient for entry identification. If an entry is ambiguous, a question mark will appear, and the selection prompt is automatically reprinted for the viewer. If there is more than one selection for an entry, a list of all possible selections appears, from which the viewer can choose a selection by entering either the name or number of the selection.

**Standard Package Conventions**
Refer to the Engineering User Manual for information on standard package conventions.
General Description
The DHCP Engineering package consists of nine (9) separate but interrelated modules.

1. Work Order and MERS
2. Project Planning
3. Project Tracking
4. Equipment Management
5. Space/Facility Management
6. Program Management
7. 2162 Accident Reporting
8. Assign (Transfer) Electronic Work Orders
9. IT Equipment Tracking

Work Order and MERS
The Work Order and MERS module generates control numbers for Engineering work requests and provides a way of assigning work requests to specific Engineering shops, assigning personnel to work orders, and charging work orders to specific pieces of equipment. It is the basis for automated repair histories on all types of equipment. Although preventive maintenance inspections are scheduled and recorded using the Equipment Management module, the actual PM work orders that constitute a PM worklist are physically stored in the Work Order file. Special options exist for displaying incomplete work orders and for transferring electronic work orders (work requests typed into DHCP by end-users and not by Engineering) from a "receiving area" to a working shop.

Project Planning
The Project Planning module provides enter/edit options for information that appears on the 5-Year Plan for each project. It also has options to process information required for project application forms and Prioritization Scoring Sheets for NRM, Minor, and Minor Misc. programs.

The Approval of Project Application option controls the Chief Engineer's and VAMC Director's sign off on the project application. The security key ENPLK001 controls the Chief Engineer's approval. The security key ENPLK002 controls the VAMC Director's approval. The Chief Engineer must sign off before the VAMC Director. Both must approve before the project application can be transmitted electronically to higher approval authorities.

The Report/Print Menu options provide print-outs of the reports and forms required by project planning.

The Electronic Transmission Menu contains options for electronic transmission of the 5-Year Plan and Project Application data elements.
Project Tracking

The Project Tracking module is used to record significant events during construction and nonrecurring maintenance projects when the management of such a project has been delegated to the facility. Selected data elements are extracted from the Construction Project file and electronically transmitted to the Regional Construction Office and VACO. In this way, up-to-date project tracking information is made available to all interested parties with a minimum of data entry.

The content of the most recent electronic project progress report is always available for reference. Printouts of progress reports will include an asterisk beside data that differs from what was previously reported. If progress reports are directed to a CRT, changes will be highlighted.

Equipment Management

The Equipment Management module contains the options to maintain inventory and preventive maintenance information, print bar code labels, download control programs to portable bar code readers, upload data from portable bar code readers to DHCP, and to manage CMR (Consolidated Memoranda of Receipt).

Equipment records generally exist for non-expendable personal property, building service equipment, and for equipment that is classified as expendable from the materiel management point of view but which must be periodically inspected by Engineering. These inspections are necessary to satisfy the requirements of JCAHO (Joint Commission on the Accreditation of Healthcare Organizations) and/or other regulatory bodies. The Equipment Management module includes all options necessary for establishing and maintaining a comprehensive preventive maintenance program. Bar coding is now an integral part of the equipment management strategies.

The reports available through the Equipment Management module include:

1. Repair histories,
2. CMR listings,
3. Aggregated repair histories (by Equipment Category),
4. Warranty expiration listings,
5. Equipment replacement listings,
6. Equipment with high failure rates, and
7. Preventive maintenance workload (by shop).

The Equipment Management module is tightly coupled to the Work Order module. Equipment Histories are automatically updated as work orders are closed out. Redundant data entry is avoided whenever possible.
Introduction

Although entries in the Equipment Repair Histories are most commonly made by the system when work orders are closed out, users can also make entries without going through the Work Order module. Equipment records to be updated by direct posting may be selected individually or they may be contained in a VA FileMan sort template. If a sort template is used, it must begin with "ENPOST."

Program Management

The Program Management module contains options for site-specific population and/or maintenance of files used in the Engineering package. This option is only available to the Engineering Applications Manager or Engineering Site Manager. It is where the various lists are established and maintained. The Engineering Employee file and the Equipment Category list must be maintained on a continuing basis. Populated copies of the Equipment Category file are available from your supporting ISC upon request.

Space/Facility Management

This module is used to maintain data on physical locations within the host facility (usually a VA Medical Center). Data elements include square footage; wall, ceiling and floor finishes; window types and treatments; and other architectural features. This module also provides control of locks and keys throughout a facility. Bar coded location labels are printed from the Space file on the basis of room number. Facilities that intend to take advantage of the bar code features in the Equipment Management module should insure that the Building file is completely current and that the Space file contains at least a room number (including building and division, if applicable) for each physical location. The proper format for a room number (which must be unique and unambiguous) is Room-Building-Division. Most single division facilities will need to enter only Room-Building.

The 2162 Accident Reporting

This module collects the data elements of VA Form 2162 so that accidents and on-the-job injuries can be aggregated and analyzed by Service/Section, cause of accident, nature of accident, etc.

Assign (Transfer) Electronic Work Orders

This option was developed to facilitate the process of transferring electronic work orders from the receiving area(s) to a working shop. Users may also disapprove electronic work orders when necessary. In such a case, the COMMENTS field is automatically mailed to whoever entered the work order, along with the information that the request has been disapproved.
IT Equipment Tracking
This module contains options for IT staff to edit selected equipment inventory data of IT equipment, track IT equipment, and assign responsibility for IT equipment to individuals. The module contains options for individuals to accept responsibility for IT equipment by signing an electronic hand receipt. The module also provides IT staff with access to select Equipment Management module options.

IT equipment is identified based on the CMR (EIL) field. If an equipment item is on a CMR with IT TRACKING equal to YES, the equipment is considered tracked IT equipment. The CMR File Enter/Edit [ENCMMR] option can be used by Acquisition & Materiel Management (A&MM) to edit the IT TRACKING field.

Only tracked IT equipment can be edited using the Inventory Edit (IT) option. All tracked IT equipment is expected to be assigned to individual IT owners.

The IT Equipment Tracking module is tightly coupled with the Equipment Management module.
Introduction
Implementation and Maintenance

Naming Conventions
The namespace used by the Engineering package is EN. Within this package namespace, the Equipment Management module uses a namespace of ENEQ; the Work Order module uses the namespace of ENWO; the IT equipment tracking functionality uses the namespace ENIT and ENTI; and the Project Planning and Project Tracking modules use the namespace ENP.

Files
The Engineering package contains 34 files. The file numbers range from 6910 through (and including) 6929; and 7330 through 7339.9.

The File List section of this manual provides additional file information.

Security Keys
Engineering contains the following security keys.

ENEDCLWO - Enables holders of this key to edit closed work orders.

ENEDNX - Safeguards critical data elements of non-expendable (NX) equipment records in File 6914. Users must hold this key to edit CMR, COST, OWNERSHIP, or CATEGORY STOCK NUMBER using the data entry screens.

ENEDPM - Enables holders to edit Preventive Maintenance parameters of entries in the Equipment Inv. file at completion of screen edit of an equipment record.

ENMGR - Enables holders to access the Engineering Program Management functions. (The appropriate menu option will also need to be assigned.)

ENPLK001 - Controls the Chief Engineer/Designee approval of Construction Project Application.

ENPLK002 - Controls the VAMC Director/Designee approval of Construction Project Application.

ENPLK003 - Controls access to electronic transmission of 5-Yr Plan and Project Application.

ENROOM - Enables holders to edit data elements in the Space file from the Room Display option (ENSPROOMD).

EN IT ASSIGNMENT - Enables holders to create, transfer, and terminate assignments of responsibility for IT equipment. Also provides access to the Add Entry to New Person File option.

EN IT INVENTORY - Enables holders to edit IT equipment in the EQUIPMENT INV. File using the Inventory Edit (IT) option.
Globals
The Engineering package uses four (4) namespaced globals: ENG, ENAR, ENGS and OFM. Journaling is only recommended for the ENG global.

Utilities
General purpose utility functions are contained in ENLIB, ENLIB1, and ENLIB2 routines. Bar code utilities are found in routines ENCTFLD, ENCTQUES, ENCTRCH, ENCTRED, and ENCTUTL. Routines in the ENCT namespace are the work of IFCAP developers. The Engineering developer gratefully acknowledges their contributions.

Resource Requirements
Disk space required for data storage will vary greatly from site to site depending upon such variables as level of activity and archiving policies. At an average site, Engineering files would probably consume between 50 and 100 megabytes of disk space.

This version frequently invokes VA Kernel Version 6.5 or later and VA FileMan Version 18.0 or later for device selection, task queuing, data entry, and data presentation.

The Project Application, 5-Yr Plan and Environmental Analysis (Form 1193a) reports require a printer capable of printing 132 columns. A laser printer is highly recommended for this. Bar code printers and bar code readers are required to use the bar code feature of the Equipment Management module.

Templates
Wherever possible, Engineering gives sites the option of defining input, print, and sort templates to be used instead of those that are distributed with the package. The general convention is that ENZ* templates take precedence over all others.

For example, input template ENWOWARD was developed for entry of electronic work orders by non-Engineering personnel. If, however, an input template named ENZWOWARD has been defined then it will be used instead of ENWOWARD.

Allowable ENZ* templates and their affects are listed below.

<table>
<thead>
<tr>
<th>INPUT TEMPLATES</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENZSEQENTER</td>
<td>Entry of new equipment records via FileMan line editor.</td>
</tr>
<tr>
<td>ENZPMCLOSE</td>
<td>Close out of preventive maintenance (PM) work orders.</td>
</tr>
<tr>
<td>ENZSPENTER</td>
<td>Entry of data into the Space file.</td>
</tr>
<tr>
<td>ENZWOBIOCLSE</td>
<td>Close out of unscheduled biomedical (shop #35) work orders.</td>
</tr>
<tr>
<td>ENZWOCLOSE</td>
<td>Close out regular work orders (non-biomedical).</td>
</tr>
<tr>
<td>ENZWOEDIT</td>
<td>Edit regular work orders (including those generated by failed PM inspections)</td>
</tr>
<tr>
<td>ENZWONEW</td>
<td>Entry of new work orders by Engineering personnel.</td>
</tr>
</tbody>
</table>
ENZWONEWCLOSE
Close out of work orders at the time the work order is entered.

ENZWOWARD
Edit of electronic work orders by the initiator.

ENZWOWARDXFER
Transfer of electronic work orders from a receiving area to a working shop.

ENZWOXFER
Transfer of work orders from one working shop to another.

PRINT TEMPLATES

ENZCMR
CMR Report (Consolidated Memorandum of Receipt).

ENZSEQ EQUIP. LIST
Inventory lists by EQUIPMENT CATEGORY, LOCATION, OWNING SERVICE, RESPONSIBLE SHOP, or USE STATUS. Engineering Software Option INVENTORY TEMPLATE must be set to "L" before this template will take effect.

ENZSEQ REPLACEMENT
Equipment replacement report. Engineering Software Option EQUIPMENT REPLACEMENT TEMPLATE must be set to "L" before this template will take effect.

ENZSEQ WARRANTY
Warranty expiration report. Engineering Software Option WARRANTY EXPIRATION TEMPLATE must be set to "L" before this template will take effect.

ENZFSVA1
Accident reports. Engineering Software Option SAFETY PRINTOUT must be set to "L" before this template will take effect.

ENZSPRM
Space survey reports. Engineering Software Option SPACE SURVEY PRINTOUT must be set to "L" before this template will take effect.

ENZWOD1
Work Orders. Locally developed preamble and postamble routines which should consist of one or more WRITE commands. Output from this routine will appear at the top of the formatted work orders.

ENZWOD2
Work Orders. ENZWOD2 should also consist of one or more WRITE commands. Output from this routine will appear at the bottom of the formatted work orders.

SORT TEMPLATES

ENZCMR
CMR Report (Consolidated Memorandum of Receipt).

ENZLEASE
Space survey of leased buildings.
New Functionality

Work Orders/MERS

Work orders are automatically generated for failed preventive maintenance inspections if the preventive maintenance is recorded via bar code reader or electrical safety analyzer. If being done manually, the user will be prompted for the creation of a regular work order.

The Incomplete Work Order option now allows counts (by shop) as well as by incomplete work orders.

The LOCATION field is now a pointer to the Space file rather than free text.

There is a new set of work actions which includes 31 choices. Before installing Version 7.0, sites must install Patch EN*6.5*5. Pointers to the New Work Action file must be established for all existing WORK ACTIONS before Version 7.0 can be installed.

With Version 7.0, as many as four different work actions may be associated with each work order.

Work order numbers can now be printed in bar code on the hard copy of the work order.

Projects

The Five Year Facility Plans can now be prepared within AEMS/MERS and transmitted to the Regions electronically. They may also be printed in hard copy.

Project applications (Form 1193, and Form 1193a) may be entered into AEMS/MERS and electronically transmitted to the Regional Construction Offices for approval. The information will be carried over into the Construction Project Progress Reporting options.

Prioritization scores are calculated for proposed projects in the Nonrecurring Maintenance (NRM), Minor Misc., and Minor programs. The prioritization methodology sheets may be printed.

The Construction Project Progress Report (Form 10-0051) has been redesigned to meet the needs of the regions.

Equipment Management

The LOCATION field is now a pointer to the Space file rather than free text.

Information can be posted to the Equipment Repair Histories without going through the Work Order module. VA FileMan sort templates may be used for this purpose.

Space/Facility Management

Users may now distinguish between leased buildings and other types of space.

Provisions have been made for entering data on planned space as well as actual space. Planned buildings may be associated with projects.

Implementation and Maintenance
**Engineering Initialization Parameters**

The Engineering Initialization Parameters of interest are:

- PM Hourly Labor Cost
- Delete PM Work Orders?
- Temporary Work Order Section
- Region
- Equipment Category on Bar code label?
- Equipment Label Print Field
- Companion List Print Field
- Space Function on Location Label?
- Multi-division (Y/N)

Each is described below.

**PM Hourly Labor Cost**
Default value. If a device has an entry for estimated PM hours AND an entry for responsible tech, the labor cost will be taken from the Engineering Employee file (No. 6929). If there is an entry for estimated hours but NO entry for responsible tech, then this hourly figure will be used to compute total labor cost.

**DELETE PM WORK ORDERS?**
Setting this field to "YES" will cause PM work orders to be deleted from the system at close out time. Deletion of PM work orders is strongly recommended for sites that are short on disk space. The PMI will be posted to the equipment history (File 6914) before the actual work order is deleted.

**TEMPORARY WORK ORDER SECTION**
Intended for use at sites that allow direct entry of Engineering work orders by end-users. Since assignment of work requests to specific shops is an Engineering responsibility, "electronic work orders" are initially directed to a "fictitious shop" (or receiving area). Engineering should clean out a receiving area at least once a day. Electronic work orders may be transferred to working shops or disapproved. The system will keep a permanent record of the number originally assigned to each work order. This number may always be used to look up the request, no matter how many times it's transferred. Initial requesters may edit their requests; but not after Engineering has transferred them. "Fictitious" shops should have numbers in the range of 90 to 99, inclusive. Multi-division sites may have more than one receiving area. If there is more than one receiving area AND if this field (TEMPORARY WORK ORDER SECTION) is left blank, end-users will be asked to specify the appropriate receiving area when they enter a work order.

**REGION**
The VA Region (1 through 4) in which facility is located. Used in electronic transmission of Construction Project Progress reports, since exact routing may differ from region to region.

**EQPT CAT ON BAR CODE LABEL?**
Should be set to "YES" if you want to print the EQUIPMENT CATEGORY at the top of your bar coded equipment labels (instead of the words "EQUIPMENT LABEL"). Due to space limitations on label stock, only the first 20 characters of the EQUIPMENT CATEGORY will be printable.

**EQUIPMENT LABEL PRINT FIELD**
Implementation and Maintenance

Enter the FIELD NUMBER (from the Equipment file) of a field that you want to have printed in human readable format on your bar coded equipment labels. Please do not enter more than two (2) such fields. If more than two fields are specified, the system will accept the first two and ignore all others. Multiple fields, word processing fields, and computed fields should not be selected for inclusion on bar coded equipment labels.

COMPANION LIST PRINT FIELD
Enter the FIELD NUMBER (from the Equipment file) of a field that you want to have printed on the "Companion Listings" that are produced along with bar coded equipment labels. Please do not enter more than two such fields. Fields selected for inclusion (in human readable format) on bar code labels are NOT automatically printed on Companion Listings. multiple fields, word processing fields, and computed fields cannot be printed on Companion Lists.

SPACE FUNCTION ON LOCATION LABEL?
If set to "YES" and if a SPACE FUNCTION exists for the subject location, then the first 20 characters of the SPACE FUNCTION will be printed in human readable format at the top of the location label.

MULTI-DIVISION (Y/N)
An indicator of whether a site is single or multi-divisional. Used primarily to determine whether or not users should be prompted for DIVISION when sorting selected reports.
Engineering Software Options

The following Engineering Software Options are of interest:

- Auto Print New Work Orders
- Equipment Replacement Template
- Expanded PM Work Orders
- Inventory Template
- PM Device Type Identification
- PM Sort
- Print Bar Code on W. O.
- Safety Printout
- Space Survey Printout
- Warranty Expiration Template

Each is described below.

AUTO PRINT NEW W.O.
Choices for this feature are:
- <S> will print a short summary work order each time a new one is entered
- <L> will print a long W.O. each time one is entered
- <N> will suspend the printing of newly entered work orders

EQUIPMENT REPLACEMENT TEMPLATE
One standard output of the DHCP Equipment Management module is a listing of all non-expendable equipment due for replacement within a user specified date range. The fields to be printed on this listing are defined by output template ENEQ REPLACEMENT.

You can specify that a different set of fields be printed at your facility. To do this, simply set this software option to "L" and create an output template named ENZEQ REPLACEMENT.

Choices are <L> for local, or <S> for standard (default).

EXPANDED PM WORK ORDERS
<Y> will cause all the equipment related fields in PM work orders to be filled in using data from the Equipment file.

If this option is not set to <Y>, the system will produce skeleton PM work orders to conserve disk space. Note that information from the Equipment file is always printed on the PM worklists.
INVENTORY TEMPLATE
One standard output of the DHCP Equipment Management module is a listing of all non-
expendable equipment sorted by CMR, EQUIPMENT CATEGORY, LOCATION, OWNING
SERVICE, RESPONSIBLE SHOP (Engineering Section), or USE STATUS. The standard output for
these reports is defined by output template ENEQ EQUIP. LIST.

If you so desire, you can use a different output template at your facility. To do this, just enter an
<L> for this software option and be sure to call your local template ENZEQ EQUIP. LIST.

Choices are <L> for local, or <S> for standard (default).

PM DEVICE TYPE IDENTIFIER
Choices for this feature are as follows:
- <E> will stand for EQUIPMENT CATEGORY
- <M> will stand for MFG. EQUIPMENT NAME

This option determines what is printed on PMI worklists under the heading of "Equip Category".
EQUIPMENT CATEGORY will be printed unless <M> is explicitly entered as the option of choice.

PM SORT
PM lists are automatically sorted by responsible shop, and by responsible technician within shop.
Within tech, a site may choose to have the PM list sorted by PM #, Local Identifier, Location, Device
Type, or Owning Service. Choices are, therefore:
- <P> for PM #
- <I> for Local Identifier
- <L> for Location
- <C> for Equipment Category
- <S> for Owning Service

If no choice is made via this file, the user will be asked for a Sort By parameter each time a PM list
is requested. Note that all data for the PM lists comes from the Equipment Inventory (File 6914).

PRINT BAR CODES ON W.O.
- <Y> will cause bar code to be printed at the bottom of hard-copy
  work orders, provided the printer is capable of printing bar code
- <N> will cause work orders to be printed without bar code

SAFETY PRINTOUT
Choices for this feature are as follows:
- <L> for local template (template name must be ENZFSA1)
- <S> for standard template
SPACE SURVEY PRINTOUT
Choices for this feature are as follows:
  <L> for local template (template name must be ENZSPRM)
  <S> for standard template (ENSPRM)

WARRANTY EXPIRATION TEMPLATE
One standard output of the DHCP Equipment Management module is a list of equipment whose warranty expires within a user specified date range. The standard output for this report is defined by output template ENEQ WARRANTY.

You may create a different template for use at your facility. To make this work, you should enter an <L> for this software option and be sure to call your template ENZEQ WARRANTY. Choices are as follows:
  <L> for local template
  <S> for standard template (default)
Routine Descriptions

Wherever possible, Engineering V. 7.0 references ^TMP instead of the ^UTILITY global. However, since the Archiving module includes routines that were generated via VA FileMan, the ^UTILITY global is still used in this module.

EN  Initializes Engineering System variables.

ENAR  Driver (and Kernel entry point) for Engineering Archive module. This module allows old Engineering Work Orders and old Accident Reports to be stored on tape and then purged from disk.

ENAR1  Checks appearance of Engineering archive global and sets up a few local variables for use in the following archival operations:
1. Find and assemble records
2. Archive and verify records
3. Delete archive global
4. Recall archived records

ENAR2  Displays the identifier of the current "archive data set".

ENARG  Queries the user as to the criteria for archiving (e.g., All Electric Shop work orders completed in FY 90).

ENARG1  Invokes routine ENARG2 to search for records subject to archiving and reports the count to the user for confirmation. If confirmation is given, an archival data set identifier is placed in permanent storage and the user is invited to add a local description. This routine also controls the incorporation of current data dictionaries onto the archive tape.

ENARG2  Builds skeleton archive global (internal entry numbers of records to be archived) and keeps a count.

ENARG21  Extracts data from Work Order file and stores them in the archive global. All pointers are resolved. Work Orders being archived are deleted from the Work Order file at this point in order to reclaim disk space.

ENARG22  Extracts data from the Accident Report file and stores them in the archive global. Pointers are resolved. Accident Reports being archived are deleted from the Accident Report file (#6924) at this point in order to reclaim disk space.
Routine Descriptions

ENARGO
Moves the archive global onto tape. A tape verification process (just a check to be sure that what was written can actually be read) is performed in program segment V (at the end of disk-to-tape data transfer).

ENARGR
Recalls data from an archive tape. Loads and initializes data dictionaries and loads data elements. Will either load all archived records or search for one particular record (as specified by the user).

ENARL
Maintains a permanent record of all archival transactions by archive data set. Records the date(s) on which an archive data set was assembled, purged from disk, recalled from tape, etc.

ENARY101
Data dictionary for use in archiving Engineering work orders. This routine is saved to archive tape as ENARX101.

ENARY102
Continuation of ENARY101. Saved to archive tape as ENARX101.

ENARY11
Initialization routine for a set of archived Engineering work orders. This routine is saved to archive tape as ENARX11.

ENARY12
Continuation of ENARY11. Saved to archive tape as ENARX11.

ENARY13
Continuation of ENARY11. Saved to archive tape as ENARX13.

ENARY14
Continuation of ENARY11. Saved to archive tape as ENARX14.

ENARY201
Data dictionary used in archiving Accident Reports (Form 2162). This routine is saved to archive tape as ENARX201.

ENARY202
Continuation of ENARY201. Saved to archive tape as ENARX201.

ENARY203
Continuation of ENARY201. Saved to archive tape as ENARX203.

ENARY21
Initialization routine for a set of archived Accident Reports (Form 2162). This routine is saved to archive tape as ENARX21.

ENARY22
Continuation of ENARY21. Saved to archive tape as ENARX22.

ENARY23
Continuation of ENARY21. Saved to archive tape as ENARX23.

ENARY24
Continuation of ENARY21. Saved to archive tape as ENARX24.

ENBCPM
Hard-coded driver for bar code based preventive maintenance inspection module.
Routine Descriptions

ENBCPM1 Controls the download of data acquisition software from DHCP to portable bar code readers. Also initiates the processing of uploaded data by establishing the specific PMI worklist and then looping through the uploaded data to parse out each equipment identifier.

ENBCPM2 Updates basic inventory information for each equipment record in the uploaded data set and handles Exception Messages.

ENBCPM3 Attempts to identify equipment records on the basis of MODEL and SERIAL NUMBER, or VA PM NUMBER.

ENBCPM4 Attempts to post completed Preventive Maintenance Inspections to the Equipment History sub-file by closing out PM work orders.

ENBCPM5 Attempts to post completed Preventive Maintenance Inspections directly to the Equipment History sub-file.

ENBCPM6 Invoked (by routine ENBCPM1) to explain the significance of PMI Exception Messages. Program segment WOCHK checks the Equipment History sub-file to see if PM work order has already been closed out and returns ENWOX=1 if it has.

ENBCPM7 Invoked when a piece of equipment has failed a preventive maintenance inspection. Annotates an existing work order or creates a new one, whichever is most appropriate. User intervention is not expected.

ENBCPM8 Updates the running totals of PM man-hours that are maintained in the Engineering Section file. Invoked by the bar coded preventive maintenance module and by the manual PM work order close-out routines.

ENBCPM9 Physically generates an unscheduled work order. Invoked by routine ENBCPM7.

ENCTBAR Downloads a data acquisition program from DHCP to a portable bar code reader. References the Barcode Program file (#446.4).

ENCTFLD Enter/edit entries in a user-created file (#446.5) of bar code label specifications. This file is not needed for bar code based Equipment Management, since hard coded options exist for both equipment labels and location labels.
Routine Descriptions

ENCTLAB  Uses FileMan to print bar code labels in accordance with specifications contained in the Custom Report file (#446.5). Contains a program segment (SPC) for issuing special instructions to bar code devices. The main portion of this routine (program segment EN) is not explicitly referenced by the Engineering package, since hard coded options exist to print location labels and equipment labels.

ENCTMAN  Schedules processing of data uploaded to DHCP from a portable bar code reader. Not used if the Barcode Program entry (File 446.4) includes a POST UPLOAD ROUTINE (Field #.03). Both of the bar code programs distributed with Engineering 7.0 contain POST UPLOAD ROUTINES.

ENCTMES1  Contains error messages and help text intended to support the use of portable bar code readers in conjunction with DHCP.

ENCTMES2  Help text intended to support the printing of bar code labels in accordance with a user-specified label format. Not explicitly referenced in Engineering 7.0, since hard coded options exist for printing location labels and equipment labels.

ENCTPRG  Uses FileMan (routine DIK) to purge data from the Barcode Program file (#446.4).

ENCTQUES  Miscellaneous utility functions useful in interfacing portable bar code readers with DHCP.

ENCTRCH  A routine for checking the integrity of user-specified bar code label formats. Not explicitly referenced by Engineering 7.0.

ENCTREAD  Controls the upload of data from a portable bar code reader to DHCP. In Engineering 7.0, this routine transfers control to the designated POST UPLOAD ROUTINE upon completion of a successful data upload.

ENCTRED  Processes (compiles) a user-specified bar code label format. Not explicitly referenced by the Engineering package.

ENCTTI  Time handling utility. Used to obtain a unique entry in the Barcode Program file (#446.4) for each discrete data upload.

ENCTUTL  Miscellaneous utility functions related to entries in the Barcode Program file (#446.4).

ENEQ  Main driver for Engineering Equipment Management module. Directly callable. Calls ENEQ1, ENEQRP, ENEQPMP, ENEQPMS and ENEQPMR.

ENEQ1  Processes entry of new record into Equipment Inv. file (single and multiple), as well as edits and displays of equipment records.

Entry of single records may be done via Screen Handler (EN^ENJ) or conventional FileManager (^DIE). The selection of internal entry numbers is made in this routine, but the actual addition of records is made via a call to ^DIC so that bulletins may be triggered. As a safeguard against duplicate entries, users are asked for a PM number (if available) before a new record is created.
Routine Descriptions

There are three entry points for editing equipment records. EDA^ENEQ1 gives write access to all fields; whereas EDE^ENEQ1 and EDS^ENEQ1 give write access to Engineering and Supply data elements, respectively. Editing is performed via the Engineering Screen Handler. ENEQ1 calls ENEQ2 for a portion of multiple record entry and the PM sub-module (routines ENEQPMP and ENEQPMP3) for entry/edit of preventive maintenance parameters.

ENEQ2

Called by ENEQ1 when multiple record entry is desired. Once user has input the first record in its entirety, ENEQ1 calls ENEQ2 for processing of second and subsequent records. ENEQ2 copies all fields from the first entry except for SERIAL NUMBER, LOCATION, NXRN, PM NUMBER, and LOCAL IDENTIFIER. User is prompted for these five fields via a call to ^DIE. ENEQ2 calls ENR^ENEQ1 for the purpose of creating new records.

ENEQCMR

Prints the actual signature page at the end of each CMR (Consolidated Memorandum of Receipt).

ENEQHS

Posts closed out Work Order information to the Equipment Inv. file (Equipment History sub-file).

ENEQNX

Main driver for non-expendable (NX) inventory module. Driver functionality is used primarily in software development and testing. Calls routines ENEQNX1, ENEQNX3, and ENEQNX4.

ENEQNX1

The first step in processing a non-expendable inventory reconciliation. Intended to be invoked immediately after data is uploaded to DHCP from a portable bar code reader. The routine essentially steps through the bar code data list identified by ENNXTI (date/time, including seconds). Data elements from this list will belong to one of three possible categories; location labels, equipment labels, or equipment descriptions. Location labels and equipment labels consist of a single record and are normally the result of a successful bar code read (although bar coded information may be entered manually if a bar code label itself is unreadable). Equipment descriptions consist of three records (some of which may be null). These records are (in order of occurrence) Model Number, Serial Number, and Description (free text). IT IS THE RESPONSIBILITY OF SOFTWARE RESIDENT ON THE PORTABLE BAR CODE READER TO INSURE THE EXISTENCE OF THESE THREE RECORDS.

Each time a location label is found, the location itself is stored in local variable ENLOC. Each location label is assumed to be followed by information on all non-expendable equipment found in that location. The usual entry point is at line EN. Routine will be entered at line RES if and only if a particular session is being restarted. "Session" should be taken to mean processing of data uploaded from a portable bar code reader at a specific date and time. Individual sessions are uniquely associated with entries in the DATE/TIME OF DATA UPLOAD field of the Barcode Program file (#446.4).

The station number (ENSTA) is extracted from the Engineering Init Parameters file (#6910) and subsequently used to check equipment labels. Labels from other VAMCs (if any) will be reported in Exception Messages and will not be otherwise processed. The check for station number is followed by a prompt for a device on which to print Exception Messages. Possible Exception Messages include LOCATION EXPECTED (if a session fails to begin with a location label); FOREIGN EQUIPMENT (if an equipment label identifies another VAMC); ITEM NOT IN DATABASE; RECORD LOCKED (if another
user is updating an equipment record); and BAR CODE LABEL MISSING (if a piece of equipment is in the database but does not have a bar code label). The text of Exception Messages is stored in local variable ENMSG. Additional descriptive information may be found in a local array whose root is "ENMSG(0,". Printing of Exception Messages begins at line XCPTN.

The task of processing data uploaded from a portable bar code reader will be queued if queuing is requested by the user in response to the "Select Device for Exception Messages" prompt OR if the TIME TO QUEUE ROUTINE field of the Barcode Program file contains data. Physical data processing begins at line CONT. This label is used as an entry point for tasks queued through %ZTLOAD.

A location label (in the form "SP"_Room_"-_Building) is expected at line NEWLOC. When a location label is encountered in the course of processing a list of equipment, control is transferred back to NEWLOC (c.f., line NEWNX+2). THE PROGRAM RESIDENT IN THE PORTABLE READER MAY REQUIRE THE USER TO SCAN LOCATION LABELS TWICE (ONCE ON ENTERING A ROOM, AND AGAIN ON LEAVING) BUT IT IS ASSUMED THAT LOCATION LABELS WILL APPEAR ONLY ONCE IN THE RESULTANT "^PRCT(446.4," GLOBAL, AND THAT THEY WILL IMMEDIATELY PRECEDE A LIST OF EQUIPMENT (IF ANY) FOUND IN THAT LOCATION. IN OTHER WORDS, BAR CODE READERS ARE FREE TO REQUIRE A SECOND SCAN BUT THEY MUST NOT ACTUALLY RECORD IT.

Program segment NEWNX steps through the list of equipment and calls the appropriate subroutine (if necessary) to process each item. Control is transferred to line DONE at the end of the list.

Program segment UPDATE is called by program segment NEWNX and operates on the Equipment Inv. file (#6914). It moves the present value of LOCATION into PREVIOUS LOCATION; stores the content of ENLOC in LOCATION; and inserts the current date (DT) in PHYSICAL INVENTORY DATE. If an update has already occurred on the current date, no action is taken. The assumption in this case is that the transaction in question has already been recorded (perhaps a bar code reader was uploaded twice). In any event, we don’t want to reprocess the update because doing so would effectively remove the true PREVIOUS LOCATION.

Program segment DONE deletes the processed portion of the "^PRCT(446.4," global by deleting the subject entry (DATE/TIME OF DATA UPLOAD) from the Barcode Program file.

Program segment ZTSK controls queuing.

ENEQNX2 Invoked by ENEQNX1.

Program segment NOLBL processes pieces of equipment that do not have bar code labels. In such cases, it is assumed that the portable bar code reader has prompted the user for Model Number, Serial Number, and a brief Description. These three pieces of information must reside in three separate nodes of the "^PRCT(446.4," global. THESE NODES MAY BE NULL (OR EQUAL TO A SINGLE SPACE CHARACTER) BUT THEY MUST EXIST. Local array EN(0..2) is loaded with the content of these three nodes.
Program segment MATCH is executed only if the model and serial numbers match those of an entry in the Equipment Inv. file. Otherwise the piece of equipment is reported in the Exception Messages.

Program segment MATCH also contains code analogous to that found in program segment UPDATE of routine ENEQNX1.

Program segment MSG is invoked early in the execution of routine ENEQNX1 and simply displays explanatory text regarding Exception Messages to the user.

Program segment ERR is invoked whenever abnormal termination of an update process seems to be in order. The user is presented with the information needed to restart processing of the session at some later time.

This routine examines the Equipment Inv. file (#6914) and lists items NOT found in the course of a physical inventory. The listing itself is called an Exception List. The user must specify a start date (ENFR) for the inventory process. Default value will be the first day of the current month. User will then be asked to select a CMR, unless reconciliation of all CMRs is desired (ENCMMR(0)="ALL"). CMR selection is handled in program segment ASK. Note that CMR should be taken to mean an entry in the CMR file (#6914.1) and NOT a list of equipment (which is the general LOG 1 usage of the term).

Program segment DEV prompts the user for a printer on which to produce an Exception List. The actual data processing task will be queued if the user enters a 'Q' at this point.

Actual examination of the database begins at line CONT. The first step is to acquire (or confirm) the current date (DT). If reconciliation of ALL CMRs has been requested, this is done in program segments ALL and CMRA. Reconciliation of a single CMR is done within program segment CMR. In either case, the code uses the "AD" cross-reference to step through the Equipment Inv. file and look at each piece of equipment on the subject CMR(s). If PHYSICAL INVENTORY DATE predates ENFR (user specified starting date) or is non-existent, program segment PRNT is invoked. The item in question will now appear on the Exception List unless its USE STATUS (ENSTAT) is LOANED OUT, TURNED IN, or LOST OR STOLEN.
Routine Descriptions

The following fields are printed on the Exception List:
- Control Number (.01 field)
- VA PM Number
- Location
- Previous Location
- Date Last Inventoried
- Manufacturer Equipment Name (Description)
- Use Status

If the Exception List is produced on a 132 column printer (IOM>100), Equipment Category will also be printed.
Queueing logic is contained in program segment ZTSK.

**ENEQNX4**

This routine is used to manually update the inventory fields of an individual equipment record. Lookup is performed in line DIC, after which data on file is displayed.

Line CNFRM asks user to verify that he does indeed wish to update the selected record. If so, routine DIE will be called twice. The first call is transparent to the user and stuffs LOCATION (if it exists) into PREVIOUS LOCATION and stuffs the current date into PHYSICAL INVENTORY DATE. The second call to DIE allows the user to update the LOCATION field and modify PREVIOUS LOCATION and PHYSICAL INVENTORY DATE if necessary.

**ENEQNX5**

Manual update of basic inventory information (Equipment LOCATION and last PHYSICAL INVENTORY DATE). The intent is to give a limited number of users a means of entering these data elements via CRT. Under normal circumstances, these fields are automatically updated on the basis of data that's uploaded from portable bar code readers.

**ENEQPMP**

Main driver for PM Parameters sub-module. Calls ENEQPMP1 and ENEQPMP2. Also contains code to edit PM schedule of a specific device.

If there is no PM schedule on file, this routine attempts to copy one from the Equipment Category file (using ^%RCR) unless the user indicates a desire to do otherwise. If a schedule copied from the Equipment Category file does not contain a STARTING MONTH, the routine will prompt for one (PMSESM^ENEQPMP). Routine is called at line XNPMSE by Equipment Inv. entry/edit routine (ENEQ1). This feature gives users who hold the appropriate security key (ENEDPM) the opportunity to edit PM data along with other components of the equipment record.

Finally, routine ENEQPMP is callable at line PMSE3 in the event that a user changes the PM schedule for an EQUIPMENT CATEGORY and wishes to apply the changes to existing entries in the Equipment Inv. file. In this case, existing STARTING MONTHs in the Equipment Inv. file will be stored in variable ENB while the PM schedule is being updated. If the new schedule from the Equipment Category file does not contain a STARTING MONTH, then the old STARTING MONTH (if any) is re-entered into the Equipment Record. This feature enables sites to easily change PM FREQUENCIES, CRITICALITY, RESPONSIBLE TECH, and other PM parameters for existing devices without altering an established PM workload balance. The exception flag (ENXP) is defined (set to 1) whenever this routine is called at line XNPMSE. This causes control to be returned to the calling program once the requested edit is complete.
Routine Descriptions

**ENEQPMP1**
Controls display of PM schedules from both the Equipment Inv. and Equipment Category files. Calls ENEQPMP3 for actual display generation. Processes edits of Equipment Category file (line DTE). Allows user to assign a new PM schedule to all existing equipment records in the subject Equipment Category via a call to PMSE3^ENEQPMP in line DTE5 (c.f., description of routine ENEQPMP). Line SKPCK is called by input transform of SKIP MONTHS subfield of RESPONSIBLE SHOP field of both the Equipment Category and the Equipment Inv. files.

**ENEQPMP2**
Controls entry, edit and printing of PM Procedures (File 6914.2).

**ENEQPMP3**
Displays PM schedule in screen-like format. Calls ENLIB1 for date conversion. Expects values (escape sequences) for high and low intensity display (ENHI and ENLO, respectively).

**ENEQPMR**
Main driver for reporting (posting) completed PM inspections. Calls ENEQPMR1, ENEQPMR2 and ENEQPMR4.

**ENEQPMR1**
Processes manual close-out of PM worklists. Asks user about automatic deletion of PM work orders after posting, unless the appropriate ENG INIT PARAMETER has been set (c.f., Site Configurable Files and Fields). The initial work order is selected via a call to routine DIC with variable DIC("S") set to screen out all but PM work orders. Subsequently, work orders may be selected by entering the sequential portion only (for ease of use). Close out is performed using template ENPMCLOSE.
Routine Descriptions

**ENEQPMR2**

Entry point for rapid close-out of PM work orders. Rapid close-out essentially assigns a status of PASSED and standard values (if any) for time and materials to each "work order" on the specified PM worklist, except for those "work orders" identified by the user as exceptions. The first program segment (line RCO to RCO2) establishes which worklist is to be closed out. Segment RCO2T explains to the user what is about to happen. Segments RCO21 and RCO3 allow the user to close out work orders individually as necessary. When there are no more work orders to be individually closed out, control is transferred to ENEQPMR3 (G RCO4^ENEQPMR3).

**ENEQPMR3**

Completes the rapid close out process. Begins by displaying those PM work orders that were closed out individually under control of ENEQPMR2 and giving the user one last chance to back out.

Actual closeout is performed by stepping through the "B" cross-reference on the Work Order # file beginning with the first work order on the chosen worklist and ending when the next available work order does not belong to said worklist. Worklist specification is contained in variable ENPMWO("P"). The user may elect to have the actual closeout processed as a background job (thereby freeing up his/her terminal), but the process may not be queued for some later time. The advantages of having these important tasks performed on an attended system are thought to outweigh any degradation in response time that may ensue.

**ENEQPMR4**

Processes the posting of individual unscheduled PM inspections to the Equipment History. Performance of PM inspections off-schedule generally occur as a result of other maintenance activity. Calls routine ENEQPMR5.

Routine first queries user for shop, date, and type (MONTHLY or WEEKLY) of PM inspection. Responses are used to construct non-sequential portion of PM work order. User is then asked to identify the piece of equipment to be inspected. If a work order for the specified PM already exists, the user is asked to close it out (program segment SDPM3). If such a work order does not exist, control is transferred to routine ENEQPMR5. ENEQPMR4 also contains help text for questions dealing with PM worklists (segment COH and COBH).
ENEQPMR5 Completes posting of individual PM inspections. Work order is created in lines SDPM4 to SDPM42. Sequential portion is generated only if the user wishes to retain the work order after posting. Once work order is created, it is immediately closed out. If COMPLETION DATE is not entered, work order is retained (sequential portion is added if necessary) and control is returned to the calling program (G SDPM2^ENEQPMR4). If COMPLETION DATE does exist (as is normally the case) routine displays the next scheduled PMI (program segment SDPM5) if appropriate and gives the user an opportunity to adjust the PMI schedule (line SDPM71). Control is then returned to the calling program.

ENEQPMR6 Automatically assigns a PM STATUS of DEFERRED to all work orders on a user-specified PM worklist. The current date is used as the work order close-out date. PM work orders are deleted after the deferral has been posted to the Equipment History unless the user specifies otherwise.

Program segments RD and RD1 establish the identity of the PM worklist.

Program segment RD2 explains the action that is about to take place and solicits confirmation from the user.

Rapid deferral works by stepping through the "B" cross-reference of the Work Order file.

ENEQPMS Main driver for generation of preventive maintenance (PM) worklists and systematic deletion of PM work orders. Calls ENEQPMS1 for PM worklist generation and ENEQPMS4 for PM work order deletion.

Generation of PM worklists may be thought of as a four step process.
1. Establish the type of worklist desired and how it is to be sorted.
2. Identify the specific devices that should be included on said worklist.
3. Create a PM work order (unless one already exists or has been closed out and deleted) for each device identified in Step 2.
4. Print the worklist. The inter-relationship of Steps 1 through 3 is sequential, whereas Steps 3 and 4 are performed in parallel.
Routine Descriptions

ENEQPMS1 Collects parameters needed for generation of PM worklist; including month, week number (weekly worklists only), sort parameter, responsible technician, responsible shop(s) and levels of CRITICALITY. If a PM SORT parameter has been entered in the Eng Software Options file (c.f., Site Configurable Files and Fields) the user will not be prompted for sort parameter. Calls ENEQPMS3 for processing sort parameters other than VA PM NUMBER and ENEQPMS2 for selection of devices to be included on subject worklist.

ENEQPMS2 Creates sorted list in the ^TMP global of internal entry number of all devices meeting the criteria for inclusion in subject worklist.

The "AB" cross-reference on File 6914 is used to examine each device for which the Engineering Shop in question has PM responsibility. If a device qualifies for inclusion on the basis of parameters specified by the user in requesting the worklist (line LSTC to LSTC1), the routine then examines the stored PM schedule to see if it is due for inclusion on that basis as well. Monthly worklists encompass the following frequencies: ANNUAL, SEMI-ANNUAL, QUARTERLY, BI-MONTHLY and MONTHLY. Weekly worklists are composed solely of the frequencies BI-WEEKLY and WEEKLY. In preparing a monthly worklist, the STARTING MONTH (variable ENSTMN) is taken into account for all frequencies except MONTHLY.

ENEQPMS3 Establishes range for all sort parameters except VA PM NUMBER, for which the concept of range is unsupported. Called by ENEQPMS1. Establishment of a range at this point will generally result in a subset of what would have otherwise been the entire worklist. If the user indicates (line SPL0) that the entire worklist is desired, then ENSRT ("ALL") is set to 1 and control is returned to the calling program. Otherwise control is directed to the program segment (I, L, D, or S) that has been coded for the chosen sort parameter. If the sort parameter (ENSRT) is "L" for LOCATION, the routine will attempt to interpret LOCATION as the value of WING in the Eng Space file. For the purpose of producing a PM worklist, WING is a more meaningful sorting parameter than ROOM-BUILDING.

ENEQPMS4 Contains help text for choosing the sort parameter and controls deletion of individual PM work orders and entire PM worklists. PM worklists are intended to be deleted immediately after being printed at sites that choose not to post them to the Equipment Histories. Program segment DEL1 processes deletion of individual PM work orders. The first selection must be entered in its entirety, whereas subsequent selections may be specified by entering only the sequential portion of the PM work order number. Calls to ^DIC are used to validate selections. Actual deletion is achieved by invoking ^DIK.

Segment DEL2 handles worklist deletion. Once the user has specified the worklist itself (lines DEL2 to DEL22), the routine tallies the number of PM work orders on said list and presents the result to the user for confirmation. Actual deletion of entire worklists may be queued to run during non-peak hours and invokes ^DIK.

ENEQPMS5 Reads the sorted list generated by ENEQPMS2 and creates PM work orders as needed. Called by ENEQPMS2. Calls ENEQPMS6 to print header and ENEQPMS7 to print worklist entries.

The sorted list contained in the ^TMP global contains five subscripts in addition to $J (four sort parameters and the equipment identifier). The first two sort parameters (ENSHKEY and ENTECH) are the shop and responsible
Routine Descriptions

technician, respectively. If a device does not have a RESPONSIBLE
TECHNICIAN assigned, ENTECH will be zero. If there were no
RESPONSIBLE SHOP, the device would not be in the sorted list to begin with.

The next two sort parameters are "read into" variables ENC and ENE. If the
user chose VA PM NUMBER as the sort parameter (ENSRT="P") when
building the list, then ENC will equal the PM NUMBER and ENE will be zero.
Otherwise ENC will equal the value of the user specified sort parameter and
ENE will equal the PM NUMBER.

The "G" cross-reference on the Work Order # file is used to determine if the
necessary work order already exists and the Equipment History is searched to
be sure that such a work order hasn't already been posted and deleted (lines
PR2 and PR2+1).

PM work orders are created via hard code and are designed to contain as little
redundant information as possible. TEST^ENWOCOMP is called to add newly
created PM work orders to the cross-reference of incomplete work orders.

ENEQPMS6 Prints page header for PM work lists. Called by ENEQPMS5. Also contains
code to print special messages on worklists for devices that may require extra
attention. This program segment (line WARNG) is called by routine
ENEQPMS7.
Routine Descriptions

**ENEQPMS7**
Prints entire PM worklists. Called by ENEQPMS5. Expects internal entry number of Equipment Inv. record in variable DA. Fields from the record pointed to by DA are stored in local variables until printed, primarily for clarity and ease of maintenance.

**ENEQPMS8**
Sorts the PM Worklist by LOCATION. Expects LOCATION to be in the standard format (ROOM-BUILDING-DIVISION). Sorts first by DIVISION (if applicable), then by BUILDING, and finally by ROOM.

**ENEQRP**
Main driver for Equipment Reports. Calls ENEQRP1, ENEQRP2, ENEQRP3 and ENEQRP5.

**ENEQRP1**
Produces FileManager printouts of entries in the Equipment Inv. file where warranty expires within a user specified date range.

Produces a similar listing of non-expendable equipment scheduled for replacement within a user specified date range. Sites may elect to specify the output themselves by creating print templates ("ENZEQ WARRANTY" and/or "ENZEQ REPLACEMENT") and setting the appropriate ENG SOFTWARE OPTION(S). Please refer to the Site Configurable Files and Fields section for more information.

ENEQRP1 also produces equipment maintenance histories in the segment from line HS to HSD1+2. These histories include acquisition data and all parts and labor costs (including vendor service and preventive maintenance) that are on file. If the device in question has been identified as a PARENT SYSTEM, then maintenance histories of each of its components will be generated as well (with page breaks between each). Totals and Grand Totals (in the case of PARENT SYSTEMs) are accumulated in variables ENT and ENGT, respectively.

**ENEQRP2**
Produces an aggregated repair history for all devices belonging to a user specified Equipment Category (i.e., discrete entry in File 6911). Once Equipment Category has been specified, ENEQRP2 uses the "G" cross-reference to select appropriate records from the Equipment Inv. file (#6914). Data is collected from the EQUIPMENT HISTORY field (node 6 of File 6914) and held in subscripted scratch variables until print time.
ENEQRP3 Produces a listing of discrete devices which have experienced more than a user specified number of repairs within a user specified time frame. User may elect to examine all entries in the Equipment Inv. file, or only those belonging to a specific Equipment Category. User specifies whether or not vendor service is to be counted.

Routine examines EQUIPMENT HISTORY field (node 6 of File 6914) of each candidate device (SEARCH^ENEQPR3). If the number of repairs is found to exceed the user specified minimum, the internal entry number of the device is stored in the ^TMP global. When all candidates have been examined, ENEQRP3 transfers execution to FAP^ENEQRP4 for report generation.

ENEQRP4 Prints listing defined by routine ENEQRP3. Reads Equipment Inv. internal entry from the ^TMP global. Root used is ^TMP($J,"ENEQFA").

ENEQRP5 Performs gross analysis of preventive maintenance (PM) workload. For a user specified shop (ENGINEERING SECTION), the output of this routine will indicate how many devices are scheduled for PM inspections each month and the approximate amount of time required (assuming standard hours have been entered for each scheduled PM).

Variable ENA has 12 pieces (one for each month). It contains the scheduled PM workload distribution for each subject device, exclusive of WEEKLY and BI-WEEKLY PMs which are reflected in variable ENA("W"). ENA and ENA("WT") are re-initialized with the selection of each new device. Subscripted variables ENC and ENT (subscripts are integers from 1 to 12) contain running totals of device counts and scheduled hours, respectively, for each month.

ENEQRPI Uses FileManager (D EN1^DIP) to generate a listing of non-expendable equipment by CMR, EQUIPMENT CATEGORY, LOCATION, OWNING SERVICE, RESPONSIBLE SHOP, or USE STATUS. Sites may elect to specify their own output by creating a print template called ENZEQ EQUIP LIST and setting the ENG SOFTWARE OPTION called INVENTORY TEMPLATE to "L".

ENETRAN Gathers internal entry numbers of pending Electronic Work Orders into the ^TMP global in preparation for screen display. If the site has defined an explicit TEMPORARY WORK ORDER SECTION, this is the 'shop' that will be processed. If not, all shops with SECTION NUMBERs between 90 and 99 (inclusive) will be processed.

ENETRAN1 Collects data elements from the work orders gathered by routine ENETRAN and presents them to the user in the form of a screen. User is asked which (if any) of these work orders should be transferred (assigned) to a working shop. Users may pick individual work orders from the list; select a range of work orders; or elect to process ALL candidate work orders.

ENETRAN2 Actually transfers the work orders selected in routine ENETRAN1 from their temporary receiving area to a working shop. User has the ability to DISAPPROVE Electronic Work Orders as well as to transfer them. Uses input template ENWOWARDXFER in transferring (unless ENZWOWARDXFER is on file) and input template ENWODISAP in disapproving (unless ENZWODISAP is on file).
Routine Descriptions

ENEWOD  Collects data elements from an Engineering Work Order in preparation for screen display. The actual screen format is a modified version of a display screen commonly used by Engineering personnel. The goal was a display format that does not include unnecessary or sensitive information. This routine is intended for use by end-users of the Electronic Work Order module.

ENEWOD1  Physically displays (or prints) the data elements gathered by routine ENEWOD. Unlike its more conventional analog in the Engineering package (routine ENWOD1) this routine does not allow users to screen-edit Engineering work orders. Developed in support of the Electronic Work Order module.

ENFSA  2162 Accident Form entry point; contains hardcoded menu driver for module.

ENFSA1  2162 Summary Report parameters are specified and set up for FileManager.

ENFSA2  2162 Summary report time intervals are selected and set up.

ENJ  The ENJ* routines constitute the screen handler currently used by the Engineering package. This screen handler is serviceable; but is not considered optimal and will be abandoned in favor of the screen handler included with the VA Kernel as soon as that software becomes available.

ENJC2  Continuation of routine ENJ.

ENJDPL  Continuation of routine ENJ.

ENJINJ  Continuation of routine ENJ.

ENJINJ1  Continuation of routine ENJ.

ENJINJ2  Continuation of routine ENJ.

ENJINJ3  Continuation of routine ENJ.

ENJINK  Continuation of routine ENJ.

ENJINQ  Continuation of routine ENJ.

ENJMUL  Continuation of routine ENJ.

ENJPARAM  Continuation of routine ENJ.

ENLBL  Hard-coded driver for printing bar coded equipment and location labels.

ENLBL1  Hard-coded driver for printing bar coded Location labels.

ENLBL10  Prints bar coded equipment labels for a user specified range of VA PM Numbers (program segment PM) or in concert with an existing PM Worklist (program segment WRKLST). Although equipment is selected on the basis of PM Number (in program segment PM), the final printout is sorted by LOCATION.

ENLBL11  Prints bar coded equipment labels for all items on a user-specified PM worklist. Labels are produced in the same order as items on the worklist.
<table>
<thead>
<tr>
<th>Routine Description</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENLBL12</td>
<td>Prints bar coded equipment labels for all items on a user-specified purchase order.</td>
</tr>
<tr>
<td>ENLBL15</td>
<td>Prints bar coded equipment labels by the LOCAL IDENTIFIER field. Labels may be sorted either by LOCATION or by LOCAL IDENTIFIER (user is asked).</td>
</tr>
<tr>
<td>ENLBL16</td>
<td>Handles the printing of data elements on bar coded equipment labels in human readable format. Each site is allowed to choose which (if any) fields are to be included on bar code labels.</td>
</tr>
<tr>
<td>ENLBL2</td>
<td>Hard-coded driver for printing bar coded equipment labels.</td>
</tr>
</tbody>
</table>
Routine Descriptions

ENLBL3  Program segment SD prints a bar coded equipment label for a particular device.

Program segment CAT prints bar coded equipment labels for all devices belonging to a user specified Equipment Category. Within the Equipment Category; labels are sorted first by LOCATION and then by EQUIPMENT ID# within LOCATION.

ENLBL4  Physical print of bar coded location labels (program segment LOCPRT). Calls routine ENLBL7 to format the bar code printer (assumed to be an Intermec 8646 or equivalent). Prints an individual room (program segment RM); an entire wing (program segment WING); an entire building (program segment BLDG); or the entire Space file (program segment ALL). All printing is done on the basis of entries in the Space file (File Number 6928). If this routine is being run on an Engineering 6.4 system (as determined by inspection of the ^ENG("VERSION") global), program segment BLDG will transfer control to routine ENLBL14. This is necessary because the Building file (#6928.3) does not exist on Engineering 6.4 systems.

ENLBL5  Prints bar coded equipment labels for an entire CMR (program segment CMR) or by EQUIPMENT ID (program segment ALL). Note that program segment ALL can easily print labels for the entire Equipment file; if that’s what’s desired. Labels are first sorted by LOCATION, and then by EQUIPMENT ID# within LOCATION.

ENLBL6  Prints bar coded equipment labels for devices within a general (program segment WING) or specific (program segment RM) location.

ENLBL7  Physical print of equipment labels (program segments NXPRT and PRT). Also writes the proper format specification to the bar code printer (program segment FORMAT).

ENLBL8  Context sensitive help processor useful in the generation of bar coded location labels.

ENLBL9  Prints a "Companion Listing" for a batch of bar coded equipment labels. Companion Listings contain the descriptive information necessary to locate and positively identify a particular piece of equipment. Companion Listings (which are optional) are printed in exactly the same order as the bar code labels themselves. This routine is repeatedly called by the same routine that calls for the physical print of a bar code label.

ENLIB  Package library; contains output port selector, fiscal year and quarter selection.

ENLIB1  Package utility routine. Contains code called by input transforms in the Equipment and Work Order files.

ENLIB2  Package utility routine. Gets data for equipment records from the Control Point Activity file.

ENMAN  Program management routine for Engineering package; allows edit of controlled files and site-specific parameters; contains hardcoded menu for module.
ENNEWPK2 Programmer written initialization routine for Engineering package. This routine deletes former Data Dictionary definitions in preparation for installation of new version.

ENNEWPKG Pre-initialization routine for the Engineering package. Checks for prerequisite conditions.

ENPL1 a. Entry point 'A' is referenced in the computed expression for field BLDG DISPLAY (#178) of Construction Project file (#6925). This subroutine concatenates the multiple BUILDING NUMBERS into a string for display in reports, like the project application.

b. Entry point 'V' is referenced in input transforms for field OFFICIALS NAME (#5) of CITATIONS multiple (#164) and field EVALUATOR (#194.6) of Construction Project file (#6925). This subroutine is used to validate the format of a person's name.

ENPL1A Entry point "CHKDATA" is called from ENPL4 and ENPL2, the routines invoked by enter/edit procedures for the 5-Year Facility Plan's construction projects and the Project Application's construction projects, respectively. Code in this module performs consistency checks for critical fields in the project file, in the event the user has Up-Arrowed out of the edit process.

ENPL10 This routine is referenced by option ENPLM06. This routine controls the printing of the Project Application Executive Summary. In the process, it makes direct calls to routine ENPLPB and then depending on Project Program to routine ENPLPA or ENPLPD, which are compiled routines generated from print templates ENPLP006, ENPLP008 and ENPLP009, respectively.

ENPL11 The entry point "A" is referenced by option ENPLM08. This routine controls the printing of the EMIS Construction Program Environmental Analysis form VAF 10-1192a.

ENPL2 a. Entry point "ENT" is referenced in option ENPLM05. This subroutine controls the Enter/Edit process for Project Application information.

b. Entry point "ACT" is referenced in option ENPLM18. This subroutine controls the Enter/Edit process for Activation Information for projects already on file.
Routine Descriptions

ENPL3

This routine calculates the Prioritization Methodology Score for Minor and Minor Design projects. It is called at line tag "K" as the Computed Expression for field VAMC MINOR/MINOR MISC SCORE (#233) of Construction Project file (#6925) and at line tag "IN" by routine ENPL3A during the printing of the Prioritization Methodology Scoring Sheet.

ENPL3A

The entry point "A" is referenced by option ENPLM03. ENPL3A and ENPL3B, together print the Minor Design/Minor Misc. Scoring Sheet. ENPL3A calls ENPL3 for the section scores and total score.

ENPL3B

ENPL3A and ENPL3B, together print the Minor Design/Minor Misc. Scoring Sheet. ENPL3A calls ENPL3B at entry point "D".

ENPL4

The entry point "ENT" is referenced by option ENPLM02. This routine controls the Enter/Edit of information for projects to be included in the 5-Year Plan.

ENPL5

The entry point "IN" is referenced by option ENPLM11. ENPL5, ENPL5A, ENPL5B, and ENPL5C, together print the 5-Year Facility Plan. This routine prompts the user for information needed to compile and print the report and compiles the list of projects by year which will be included.

ENPL5A

ENPL5, ENPL5A, ENPL5B, and ENPL5C, together print the 5-Year Facility Plan. The entry point "IN" is called by routine ENPL5. This routine prints the list of projects for a given Fiscal Year and the list of High Tech/High Cost Equipment for that year.

ENPL5B

ENPL5, ENPL5A, ENPL5B, and ENPL5C, together print the 5-Year Facility Plan. The entry point "L" is called by routine ENPL5A. This routine prints the detail information for projects proposed for the Budget Year of the Plan.

ENPL5C

ENPL5, ENPL5A, ENPL5B, and ENPL5C, together print the 5-Year Facility Plan. The entry point "FE" is called by routine ENPL5. This routine prints the Project Summary by Programs and Fiscal Years.

ENPL6

The entry point "ENT" is referenced by option ENPLM09. This routine controls the Enter/Edit of Environmental Analysis information for the project application.
ENPL7, ENPL7A, ENPL7B, and ENPL7C, together set up the mail message with data from the project application for transmission to higher approval authorities. This routine collects from the user, information necessary to select the project and to determine whether the message is created as a foreground or a background process. It also sets up the initial message segments. Note: The 5-Year Plan Project, Electronic Transmission process uses portions of code from ENPL7 and ENPL7A calling ENPL7 at entry point "ST".

ENPL7A, ENPL7A, ENPL7B, and ENPL7C, together create the MailMan message containing data from the project application. The entry point "B" is called from routine ENPL7. This routine sets up the remaining segments common to the electronic transmission of both the Project Application and the 5-Year Facility Plan Project.

ENPL7B, ENPL7A, ENPL7B, and ENPL7C, together create the MailMan message containing data from the project application. The entry point "I" is called from routine ENPL7A. This routine sets up additional segments for the electronic transmission of the Project Application.

ENPL7C, ENPL7A, ENPL7B, and ENPL7C, together create the MailMan message containing data from the project application. The entry point "N" is called from routine ENPL7B. This routine sets up the final segments for the electronic transmission of the Project Application and makes the call to MailMan to send the message.

This routine is referenced in option ENPLM14. This routine controls the batch transmission of 5-Year Facility Plan projects to higher approval authorities. It divides the transmission into messages of up to 10 projects each.

This routine is referenced by option ENPLM15. This routine controls the individual electronic transmission of a Project for the 5-Year Facility Plan. It is intended for providing updates on individual projects, rather than, the initial transmission.

This routine is referenced by option ENPLM16. It controls the Project Application Approval Process. This routine checks that the user has the appropriate security key for approval at the Chief Engineer or VAMC Director level.

This routine is generated by FileMan from print template ENPLP008.
This routine is generated by FileMan from print template ENPLP008.
This routine is generated by FileMan from print template ENPLP006.
This routine is generated by FileMan from print template ENPLP006.
This routine is generated by FileMan from print template ENPLP005.
This routine is generated by FileMan from print template ENPLP005.
This routine is generated by FileMan from print template ENPLP009.
This routine is generated by FileMan from print template ENPLP009.
Routine Descriptions

ENPOST  Post-initialization routine for the Engineering package. Converts data elements and re-indexes if necessary.

ENPROJ  Entry point to the Project Tracking module; contains hardcoded menu driver for module.

ENPROJ1  Sets local variables for report 10-0051.

ENPROJ2  Collects milestone dates into local arrays.

ENPROJ3  Collects A/E and Contractor data into local variables.

ENPROJ7  First stage in electronic transmission of 10-0051. Gives user the choice of sending one project or all of them for which the MONTHLY UPDATES field is set to "YES". Also asks about overwriting previous values.

ENPROJ8  Formats the 10-0051 into local array "MSG(1,"

ENPROJ9  Places the electronic 10-0051 into a Network Mail message and sends it. Also stores transmitted data as the "previous values".

ENPRP  Produces hard-copy Construction Project Progress Reports (VA Form 10-0051).

ENPRP1  Prints the header segment of the 10-0051.

ENPRP2  Prints milestone dates and completion percentages.

ENPRP3  Prints milestone dates and completion percentages.

ENPRP4  Prints milestone dates and completion percentages.

ENPRP5  Prints the Architect/Engineer data block.

ENPRP6  Prints the Contractor data block.

ENSA  Initiates the upload and processing of data acquired via an automated electrical safety analyzer (namely the MedTester, manufactured by Dynatech Nevada). Calls UPLD^ENSA1 to read MedTester data into the ^ENG("TMP" global and exits gracefully if input data are not successfully read. If MedTester data is to be used to close out a PM worklist, this routine establishes the identity of that worklist. This routine also determines whether or not a paper copy of test results is desired (line PAPER) and then calls PROCS^ENSA1 to begin processing.

ENSA1  Acquires physical data from a MedTester (program segment UPLD) and places them in temporary storage in the ^ENG("TMP" global.

Program segments PROCS through OTHER break down the test report into its constituent parts and store them in local variables.

Program segment UPDT makes the appropriate calls to properly update the equipment record and (potentially) the Work Order file.

Routine ENSA7 is invoked if hardcopy test results have been requested.
ENSA2: Attempts look-up based on VA PM Number (program segment PMN). Updates basic inventory data elements (program segment UPDATE) and handles Exception Messages.

ENSA3: Attempts Equipment file look-up on the basis of MODEL and SERIAL NUMBER (program segment NOLBL). Contains exit logic (program segments ERR and EXIT) for the MedTester module.

ENSA4: Attempts to post completed electrical safety inspections to the Equipment Histories by closing out PM work orders.

ENSA5: Attempts to post completed electrical safety inspections directly to the Equipment History sub-file.

ENSA6: Explains the concept of "Exception Messages" to the user and checks (program segment WOCHK) to be sure that the inspection in question has not already been posted.

ENSA7: Actually prints the paper copy of the numerical test results, if desired. Also warns the user of any inconsistency between control number (interpreted as EQUIPMENT ID#) and MODEL-SERIAL NUMBER (program segment DEVCK).

ENSA8: Handles the case of equipment that fails an automated electrical safety test (via the MedTester). Annotates a regular work order if one exists. Otherwise this routine automatically creates a new one.

ENSA9: Generates an unscheduled work order.

ENSED: Screen Server/Edit/Display module used to edit/display construction project information.

ENSED0: Continuation of routine ENSED.

ENSED1: Continuation of routine ENSED.

ENSED2: Continuation of routine ENSED.

ENSP: Keys and replacement schedules; contains hardcoded menu for module.

ENSP1: Space module room and lock reports.

ENSP2: Sets variable for space formatted display; contains hardcoded menu for space survey report selection.

ENSP3: Room space formatted display.

ENSP4: Removes dangling pointers for the Engineering Lock files.

ENSP5: Presents data extracts from the Engineering Space file in comma separated format for acceptance by spreadsheets.
Routine Descriptions

ENSP6  Main driver for leased space options.
ENTEXT  Parses text into 80 character segments.
ENTIDD  Software called by input transforms and cross-references.
ENTIEQE  New routine invoked by the ENIT INVENTORY EDIT option.
ENTINSD  New routine invoked by new style MUMPS cross-references on the NON-SPACE FILE LOCATION and LOCATION fields to trigger other fields and generate bulletins.
ENTINSR  New routine invoked by the ENIT NON-SPACE FILE LOC RPT option.
ENTIRA  New routine invoked by the ENIT ASSIGN RESP option.
ENTIRC  New routine invoked by the ENIT CERTIFY RESP option.
ENTIRN  New routine invoked by the ENIT RESP NOTIFY option.
ENTIRRE  New routine invoked by the ENIT EQUIP RPT option.
ENTIRRH  New routine to print a hand receipt.
ENTIRRH1  New routine to print a hand receipt (continuation).
ENTIRRI  New routine invoked by the ENIT INDV RESP RPT (COM) and ENIT INDV RESP RPT (IT) options.
ENTIRRNA  New routine invoked by the ENIT RESP NOT ASSIGNED RPT option.
ENTIRRU  New routine invoked by the ENIT RESP UNSIGNED RPT option.
ENTIRRX  New routine invoked by the ENIT SIGN EXCEPT RPT option.
ENTIRS  New routine invoked by the ENIT RESP SIGN option.
ENTIRT  New routine invoked by the ENIT TERMINATE RESP option.
ENTIRX  New routine invoked by the ENIT TRANSFER RESP option.
ENTIUTL  New routine containing various utilities for IT equipment tracking.
ENTIUTL1  New routine containing various utilities for IT Equipment tracking.
ENTIUTL2  New routine containing various utilities for IT Equipment tracking.
ENWAPRE  Pre-init for the ENWAI* routines. These routines install the new work actions. This must be done prior to installation of Engineering 7.0 so that routine ENPOST will be able to convert existing data.
Routine Descriptions

ENWARD Allows end-users of the Electronic Work Order module to edit work requests which they themselves have entered, but only until such time as Engineering Service transfers them from their temporary receiving area to a working shop. Editing is governed by input template ENWOWARD (File 6920) unless ENZWOWARD has been defined.

Program segment WRDCK allows end-users to check the status of any Engineering work order in the system; but contains no edit capability. Routines ENEWOD and ENEWOD1 are invoked.

ENWARD1 Produces a list of incomplete Engineering work orders for end-users of the Electronic Work Order module. List may be generated by LOCATION, by SERVICE, or by the DHCP user who physically entered such requests.

ENWARD2 Continuation of ENWARD1. Evaluates work orders included in the Incomplete Work Order cross-reference (subscripted as "X","UNCOMP") in accordance with criteria established in routine ENWARD1. Matches are stored in the ^UTILITY global (subscript 'ENEQ',$.J). Once the ^UTILITY global is built, data elements from the subject work orders are extracted and presented to the user in summary form (line tag PRNTWO through line tag NEXT). If the Incomplete Work Order List is directed to a CRT, the user can obtain an expanded (screen) display of any work order on the list (program segment EXPAND). This segment invokes routine ENEWOD. Hard copy work order printouts are available once the call to ENEWOD has been made.

ENWO Contains subroutines for work order edits, closing out of work orders and equipment histories; also contains hardcoded menu for module.

ENWO1 Processes Engineering work orders currently on file, via program segments ENT (work order edit) and CLSOUT (close out completed work orders). This functionality is intended for the use of Engineering personnel.

Program segments EQHIV and EQHI generate equipment Service Reports from the Work Order file. The print specification is contained in FileMan print template EN EQ HIST (File 6920). These Service Reports can differ significantly from the Equipment Histories produced from the Equipment file (see routine ENEQRP1). Work orders that are not yet completed will be reflected in the Service Report but not in the Equipment History. Work orders that have been archived will be reflected in the Equipment History but not in the Service Report. Sites that delete PM work orders during close out of PM worklists (and most sites do this) will find that completed PM work orders are reflected in Equipment Histories but not in Service Reports; whereas incomplete PM work orders are reflected in Service Reports but not Equipment Histories.

ENWO2 Processes DISAPPROVAL of Engineering work orders. Intended for use by Engineering personnel, mainly in dispositioning Electronic Work Orders. The work order close out process references input template ENWODISAP unless a template named ENZWODISAP has been defined.

Program segment MSG is actually called by a MUMPS cross-reference on the STATUS field (#32) of the Work Order file (#6920). Whenever the status of a work order is changed to DISAPPROVED, the package will attempt to send a MailMan message to the individual who entered the request in the first place. The Engineering employee who disapproves the work order will appear as the SENDER of this message.
Routine Descriptions

ENWOCOMP
Tests to see if Work Order is completed.

ENWOD
Driver for the formatted work order display/edit.

ENWOD1
Builds local array for formatted work order display/edit.

ENWOD2
Prints formatted work order.
This routine executes \^%ZOSF("TEST") to check for the existence of locally developed preamble and postamble routines (which must be named ENZWO1 and ENZWO2, respectively).

ENZWO1 (if it exists) should consist of one or more WRITE commands.
Output from this routine will appear at the top of the formatted work orders.

ENZWO2 (if it exists) should also consist of one or more WRITE commands.
Output from this routine will appear at the bottom of the formatted work orders.

ENWOD3
Continuation of formatted work order print (routine ENWOD2).

ENWOINV
Called by cross-reference on the EQUIPMENT ID # field of the Work Order file. Transfers basic inventory information into the Work Order file (or deletes it) when a value is entered (or deleted) in the EQUIPMENT ID # field.

ENWONEW
Creates new Engineering work orders. Shop and date are incorporated into the computer generated work order number. Work orders may be edited and/or printed immediately after being entered. Sites that have elected to have new work orders printed automatically will not be asked the "Print this work order?" question.

ENWONEW1
Transfers an existing Engineering work order to a different shop. A new work order number is created, but the internal entry number of the subject work order is not affected. The ORIGINAL WORK ORDER # is never changed by the transfer process. User will be asked if he/she wants to edit work order. Edit will be screen driven except in the case of Electronic Work Orders. For Electronic Work Orders the edit will be via FileMan using input template ENWOWARDXFER; except that if the site has defined an input template named ENZWOWARDXFER then it will be used instead of ENWOWARDXFER.

ENWONEW2
Continuation of ENWONEW.

ENWOP
Prints incomplete work orders (by shop) in accordance with criteria established by routine ENWOST. Invoked by ENWOST.

ENWOP1
Writes the synopsis (2 or 3 lines) of each incomplete work order.

ENWOP2
Gives the counts (by shop) of incomplete work orders. Invoked by routine ENWOST.

ENWOP3
Checks incomplete work orders to see if they meet search criteria. Collects local variables and invokes the print logic (ENWOP1).
ENWOREP  Prints (or re-prints) all Engineering work orders entered between user-specified START and STOP dates. Can be run for one particular Engineering Section or for ALL Sections. Work order selection is made on the basis of WORK ORDER # (.01 field of File #6920).

ENWOST  Generates work order status by Employee, Location, Owner/Department or Shop; also contains hardcoded menu for type of status requested.
File List

6910  ENG INIT PARAMETERS
Engineering site parameter file. There should only be ONE entry in this file. If there is
more than one entry, the routines will not know which one to believe and are likely to
produce unexpected results.

6910.1  ENGINEERING COMPUTER PORT
Used by package specific device selection logic to assist users in identifying output devices.
As a rule, only hardcopy print devices should be contained in this file. The intent is to
discourage users from inadvertently sending output to a CRT or some other device not
intended for printing.

6910.2  ENG SOFTWARE OPTIONS
Used by developers to contain information that governs the performance of selected options.
When choices have to be made and there is no clear consensus among stations as to which
choice is most advantageous, an attempt is usually made to make the subject parameter
site selectable by including it in this file.

6910.9  ENG DJ SCREEN
File of screens used by Engineering Screen Handler.

6911  EQUIPMENT CATEGORY
This file contains default PM (preventive maintenance) parameters for device types. The
intent is to give facilities a means of scheduling PM inspections for a given device type
(defibrillator, transformer, electrical generator, etc.) without having to explicitly edit the
record of each individual piece of equipment. If the PM parameters in the Equipment file
(File 6914) do not agree with the corresponding PM parameters in this file, the information
in the Equipment file will take precedence.

6912  MANUFACTURER LIST FILE
List of manufacturers. Centrally maintained, courtesy of Engineering Service Center, St.
Louis.

6914  EQUIPMENT INV.
Repository of all capital assets. Typically used by Engineering and Supply Services.
Ultimately envisioned as a "front-end" for a central capital assets tracking program, such as
LOG1 and/or ISMS.
6914.1 CMR  
Consolidated Memoranda of Receipt in use at your facility. Basic instrument for establishing accountability for non-expendable equipment.

6914.2 PM PROCEDURES  
File of formal procedures used at the host site in the performance of scheduled maintenance (PMI). If a facility wants their source documents in electronic format and is willing to accept the limitations of the FileMan word-processing editor, then the actual step by step text of a PM Procedure may be stored in this file.

6916 BERS SURVEY  
Used for submission of an annual report on Biomedical Engineering Resources. This report is prepared by each site and submitted to the National Engineering Service Center in St. Louis.

6916.2 HAND RECEIPT TEXT  
This file contains versions of the hand receipt text displayed to users when they accept responsibility for IT equipment. The text versions are distributed via nationally issued patches to the Engineering package. For each version a checksum is calculated to detect unauthorized modifications.

6916.3 IT ASSIGNMENT  
This file contains assignments of responsibility for IT equipment. The data is only intended to be updated via package options. Key data values are protected by encryption once the owner has accepted responsibility via electronic signature.

6917 CATEGORY STOCK NUMBER  
Classification scheme for non-expendable equipment.

6919 ENG ARCHIVE LOG  
Permanent record of every archival episode performed within the Engineering package.

6920 WORK ORDER #  
Repository of all work requests directed to Engineering Service. Main file used by the Work Order module.

6920.1 NEW WORK ACTION  
Standardized file of Engineering work actions. Introduced with Engineering Version 7. A single work order may have more than one work action associated with it.

6921 WORK CENTER CODE  
A list of codes which subdivide Engineering Cost Centers into Work Centers.

6922 ENGINEERING SECTION LIST  
A list of functional sections within Engineering Service.
6928.3  ENG BUILDING
A simple file of physical buildings. A "division designation" may be included if needed to
distinguish between two buildings having the same number. Suppose, for example, there
were two buildings numbered 100 at VAMC St. Louis, one at the John Cochran Division
and one at Jefferson Barracks. These two buildings could be entered separately as 100-JC
and 100-JB; where "JB" and "JC" are division designators. The same strategy may be useful
at facilities that support outpatient clinics, Regional Offices, national cemeteries, etc.

6929  ENG EMPLOYEE
Should contain all Engineering employees who may be associated with a Work Order,
whether or not they actually have access to this computer.

7335.7  REGULATORY AGENCY
File of Regulatory Agencies for documenting citations.

7336.3  OFM SPACE CLASSIFICATION
This file is used for Minor Design and Minor Misc. Prioritization Methodology. Here points
are given according to the type of space undergoing 100% renovation or new construction.

7336.6  OFM H089 CHAPTERS
This contains the H-08-9 Chapters for Space Planning. It is used to identify areas where
space is added or renovated in construction projects.

7336.8  OFM PROJ CATEGORY
File of Construction Project functional categories.

7336.9  OFM BUDGET CATEGORY
File of Construction Project budget categories.

The following files are distributed with data.

BARCODE PROGRAM (Overwrite)
SPECIALTY COMMANDS (Overwrite)
ENG SOFTWARE OPTIONS (Overwrite)
ENG DJ SCREEN (Overwrite)
MANUFACTURER LIST (Overwrite)
HAND RECEIPT TEXT (Overwrite)
CATEGORY STOCK NUMBER (Overwrite)
NEW WORK ACTION (Overwrite)
WORK CENTER CODE (Overwrite)
FSA-ACCIDENT ACTIVITY (Merge)
FSA-ACCIDENT NATURE (Overwrite)
FSA-DIVISION/SERVICE (Merge)
PROJECT STATUS (Overwrite)
ENG SPACE FUNCTIONS (Merge)
ENG SPACE UTILITIES (Merge)
REGULATORY AGENCY (Overwrite)
File List

OFM SPACE CLASSIFICATION (Overwrite)
OFM H089 CHAPTERS (Overwrite)
OFM PROJ CATEGORY (Overwrite)
OFM BUDGET CATEGORY (Overwrite)
File List
Pointer Relationships of Files

*FILE NAME (NUMBER): BARCODE PROGRAM (446.4)*
GLOBAL LOCATION: ^PRCT(446.4,
DESCRIPTION: This file contains bar code programs and data uploaded from the bar code reader to be used as part of the Bar code Inventory process.

*** FILE FLOW DIAGRAM ***
NOTE) There are no files currently pointing to this file.

FILE 446.4, BARCODE PROGRAM POINTS TO THE FOLLOWING FILES

<table>
<thead>
<tr>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
<th>FILE NO.</th>
<th>FILE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>.09</td>
<td>SPECIALTY COMMANDS</td>
<td>446.6</td>
<td>SPECIALITY COMMANDS</td>
</tr>
<tr>
<td>.1</td>
<td>CREATED BY</td>
<td>200</td>
<td>NEW PERSON</td>
</tr>
<tr>
<td>2</td>
<td>DATE/TIME OF DATA UPLOAD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(.02)</td>
<td>UPLOAD USER</td>
<td>200</td>
<td>NEW PERSON</td>
</tr>
</tbody>
</table>

*FILE NAME (NUMBER): SPECIALITY COMMANDS (446.6)*
GLOBAL LOCATION: ^PRCT(446.6,
DESCRIPTION: This file contains the Specialty Commands for the bar code reader and printer to be used as part of the Bar code Inventory process.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 446.6, SPECIALITY COMMANDS

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>446.4</td>
<td>BARCODE PROGRAM</td>
<td>.09</td>
<td>SPECIALTY COMMANDS</td>
</tr>
</tbody>
</table>

NOTE) This file does not currently point to any other file.

*FILE NAME (NUMBER): ENG INIT PARAMETERS (6910)*
GLOBAL LOCATION: ^DIC(6910,
DESCRIPTION: Engineering site parameter file. There should only be ONE entry in this file. If there is more than one entry, the routines will not know which one to believe and are likely to produce unexpected results.

*** FILE FLOW DIAGRAM ***
NOTE) There are no files currently pointing to this file.

FILE 6910, ENG INIT PARAMETERS POINTS TO THE FOLLOWING FILES

<table>
<thead>
<tr>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
<th>FILE NO.</th>
<th>FILE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>TEMPORARY WORK ORDER SECT*</td>
<td>6922</td>
<td>ENGINEERING SECTION LIST</td>
</tr>
</tbody>
</table>

NOTE) * Names longer than 25 characters have been truncated.

*FILE NAME (NUMBER): ENGINEERING COMPUTER PORT (6910.1)*
GLOBAL LOCATION: ^DIC(6910.1,
DESCRIPTION: Used by package specific device selection logic to assist users in identifying output devices. As a rule, only hardcopy print devices should be
• contained in this file. The intent is to discourage users from inadvertently
• sending output to a CRT or some other device not intended for printing.
•
• *** FILE FLOW DIAGRAM ***
•
• NOTE) There are no files currently pointing to this file.
•
• FILE 6910.1, ENGINEERING COMPUTER PORT POINTS TO THE FOLLOWING FILES
•
• FIELD NO. FIELD NAME FILE NO. FILE NAME
• (SUBFIELD)
• .01 DEVICE # 3.5 DEVICE

• FILE NAME (NUMBER): ENG SOFTWARE OPTIONS (6910.2)
• GLOBAL LOCATION: ^ENG(6910.2,
•
• DESCRIPTION: Used by developers to contain information that governs the
• performance of selected options. When choices have to be made and there is no
• clear consensus among stations as to which choice is most advantageous, an
• attempt is usually made to make the subject parameter site selectable by
• including it in this file.
•
• *** FILE FLOW DIAGRAM ***
•
• NOTE) There are no files currently pointing to this file.
•
• NOTE) This file does not currently point to any other file.
•

• FILE NAME (NUMBER): ENG DJ SCREEN (6910.9)
• GLOBAL LOCATION: ^ENG(6910.9,
•
• DESCRIPTION: File of screens used by Engineering Screen Handler.
•
• *** FILE FLOW DIAGRAM ***
•
• NOTE) There are no files currently pointing to this file.
•
• NOTE) This file does not currently point to any other file.
**FILE NAME (NUMBER): EQUIPMENT CATEGORY (6911)**

- **GLOBAL LOCATION:** "ENG(6911),

- **DESCRIPTION:** This file contains default PM (preventive maintenance) parameters for device types. The intent is to give facilities a means of scheduling PM inspections for a given device type (defibrillator, transformer, electrical generator, etc) without having to explicitly edit the record of each individual piece of equipment. If the PM parameters in the EQUIPMENT file (File 6914) do not agree with the corresponding PM parameters in this file, the information in the EQUIPMENT file will take precedence.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6911, EQUIPMENT CATEGORY

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>6914</td>
<td>EQUIPMENT INV.</td>
<td>6</td>
<td>EQUIPMENT CATEGORY</td>
</tr>
</tbody>
</table>

FILE 6911, EQUIPMENT CATEGORY POINTS TO THE FOLLOWING FILES

<table>
<thead>
<tr>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
<th>FILE NO.</th>
<th>FILE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RESPONSIBLE SHOP</td>
<td>6922</td>
<td>ENGINEERING SECTION LIST</td>
</tr>
<tr>
<td>(.01)</td>
<td>RESPONSIBLE SHOP</td>
<td>6929</td>
<td>ENG EMPLOYEE</td>
</tr>
<tr>
<td>1</td>
<td>TECHNICIAN</td>
<td>6929</td>
<td>ENG EMPLOYEE</td>
</tr>
<tr>
<td>1</td>
<td>RESPONSIBLE SHOP</td>
<td>6914.2</td>
<td>PM PROCEDURES</td>
</tr>
<tr>
<td>(3)</td>
<td>FREQUENCY</td>
<td>6914.2</td>
<td>PM PROCEDURES</td>
</tr>
</tbody>
</table>

**FILE NAME (NUMBER): MANUFACTURER LIST FILE (6912)**

- **GLOBAL LOCATION:** "ENG("MFG",

- **DESCRIPTION:** List of manufacturers. Centrally maintained, courtesy of Engineering Service Center, St. Louis.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6912, MANUFACTURER LIST FILE

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
</tr>
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<tbody>
<tr>
<td>6914</td>
<td>EQUIPMENT INV.</td>
<td>1</td>
<td>MANUFACTURER</td>
</tr>
<tr>
<td>6916</td>
<td>I.A.1. NAME</td>
<td>5</td>
<td>I.A.1. NAME</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(8)</td>
<td>7b. MFG/EQUIP TYPE/MOD#</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(.01)</td>
<td>7b. MFG NAME</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15</td>
<td>VI.A. CONTRACT SERVICE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(2)</td>
<td>MANUFACTURER NAME</td>
</tr>
<tr>
<td>6920</td>
<td>WORK ORDER #</td>
<td>21.9</td>
<td>MANUFACTURER</td>
</tr>
</tbody>
</table>

NOTE) This file does not currently point to any other file.
FILE NAME (NUMBER): EQUIPMENT INV. (6914)

GLOBAL LOCATION: "ENG(6914),

DESCRIPTION: Repository of all capital assets. Typically used by Engineering and Supply Services. Ultimately envisioned as a "front-end" for a central capital assets tracking program, such as LOG1 and/or ISMS.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6914, EQUIPMENT INV.

FILE NO. FILE NAME FIELD NO. FIELD NAME (SUBFIELD)

6914 EQUIPMENT INV. 2 PARENT SYSTEM
6920 WORK ORDER # 18 EQUIPMENT ID#

FILE 6914, EQUIPMENT INV. POINTS TO THE FOLLOWING FILES

FIELD NO. FIELD NAME FILE NO. FILE NAME (SUBFIELD)

1 MANUFACTURER 6912 MANUFACTURER LIST FILE
2 PARENT SYSTEM 6914 EQUIPMENT INV.
6 EQUIPMENT CATEGORY 6911 EQUIPMENT CATEGORY
8 FEDERAL SUPPLY CLASSIFICATION* 441.2 *** NON EXISTENT FILE ***
10 VENDOR POINTER 440 VENDOR
13.5 ACQUISITION SOURCE 420.8 SOURCE CODE
18 CATEGORY STOCK NUMBER 6917 CATEGORY STOCK NUMBER
19 CMR 6914.1 CMR
21 SERVICE POINTER 49 SERVICE/SECTION
24 LOCATION 6928 ENG SPACE
30 RESPONSIBLE SHOP (.01) RESPONSIBLE SHOP 6922 ENGINEERING SECTION LIST
30 RESPONSIBLE SHOP (1) TECHNICIAN 6929 ENG EMPLOYEE
30 RESPONSIBLE SHOP (3) FREQUENCY
36 COST CENTER 420.1 COST CENTER
37 SUBACCOUNT 420.2 SUBACCOUNT

*NOTE) * Names longer than 25 characters have been truncated.
FILE LIST

**FILE NAME (NUMBER): CMR (6914.1)**
**GLOBAL LOCATION: ^ENG(6914.1,**
**DESCRIPTION: Consolidated Memoranda of Receipt in use at your facility. Basic instrument for establishing accountability for non-expendable equipment.**

### FILE FLOW DIAGRAM

FILES POINTING TO FILE 6914.1, CMR

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>6914</td>
<td>EQUIPMENT INV.</td>
<td>19</td>
<td>CMR</td>
</tr>
</tbody>
</table>

FILE 6914.1, CMR POINTS TO THE FOLLOWING FILES

<table>
<thead>
<tr>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
<th>FILE NO.</th>
<th>FILE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>.5</td>
<td>SERVICE</td>
<td>49</td>
<td>SERVICE/SECTION</td>
</tr>
<tr>
<td>1</td>
<td>RESPONSIBLE OFFICIAL</td>
<td>200</td>
<td>NEW PERSON</td>
</tr>
</tbody>
</table>

**FILE NAME (NUMBER): PM PROCEDURES (6914.2)**
**GLOBAL LOCATION: ^ENG(6914.2,**
**DESCRIPTION: File of formal procedures used at the host site in the performance of scheduled maintenance (PMI). If a facility wants their source documents in electronic format and is willing to accept the limitations of the FileMan word-processing editor, then the actual step by step text of a PM Procedure may be stored in this file.**

### FILE FLOW DIAGRAM

FILES POINTING TO FILE 6914.2, PM PROCEDURES

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
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<tr>
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<td>RESPONSIBLE SHOP</td>
</tr>
<tr>
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<td>(3)</td>
<td>FREQUENCY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(4)</td>
<td>PROCEDURE</td>
</tr>
<tr>
<td>6914</td>
<td>RESPONSIBLE SHOP</td>
<td>30</td>
<td>RESPONSIBLE SHOP</td>
</tr>
<tr>
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<td>FREQUENCY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(4)</td>
<td>PROCEDURE</td>
</tr>
</tbody>
</table>

*NOTE) This file does not currently point to any other file.*
FILE NAME (NUMBER): BERS SURVEY (6916)
GLOBAL LOCATION: ^ENGS(6916,
DESCRIPTION: Used for submission of an annual report on Biomedical Engineering Resources. This report is prepared by each site and submitted to the National Engineering Service Center in St. Louis.

*** FILE FLOW DIAGRAM ***
NOTE) There are no files currently pointing to this file.

FILE 6916, BERS SURVEY POINTS TO THE FOLLOWING FILES

<table>
<thead>
<tr>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
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<th>FILE NAME</th>
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<tr>
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<tr>
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<td>I.A.1. NAME</td>
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<td></td>
</tr>
<tr>
<td>(8)</td>
<td>7b. MFG/EQUIP TYPE/MOD#</td>
<td>6912</td>
<td>MANUFACTURER LIST FILE</td>
</tr>
<tr>
<td>(.01)</td>
<td>7b. MFG NAME</td>
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<td></td>
</tr>
<tr>
<td>15</td>
<td>VI.A. CONTRACT SERVICE</td>
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<td></td>
</tr>
<tr>
<td>(2)</td>
<td>MANUFACTURER NAME</td>
<td>6912</td>
<td>MANUFACTURER LIST FILE</td>
</tr>
</tbody>
</table>

FILE NAME (NUMBER): HAND RECEIPT TEXT (6916.2)
GLOBAL LOCATION: ^ENG(6916.2,
DESCRIPTION: This file contains versions of the hand receipt text displayed to users when they accept responsibility for IT equipment. The text versions are distributed via nationally issued patches to the Engineering package. For each version a checksum is calculated to detect unauthorized modifications.

*** FILE FLOW DIAGRAM ***
FILES POINTING TO FILE 6916.2, HAND RECEIPT TEXT

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>(SUBFILE)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6916.3</td>
<td>IT ASSIGNMENT</td>
<td>5</td>
<td>HAND RECEIPT TEXT</td>
</tr>
<tr>
<td>6916.3</td>
<td>IT ASSIGNMENT</td>
<td>30</td>
<td>PREVIOUS SIGNATURES</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1)</td>
<td>HAND RECEIPT TEXT</td>
</tr>
</tbody>
</table>

NOTE) This file does not currently point to any other file.

FILE NAME (NUMBER): IT ASSIGNMENT (6916.3)
GLOBAL LOCATION: ^ENG(6916.3,
DESCRIPTION: This file contains assignments of responsibility for IT equipment. The data is only intended to be updated via package options. Key data values are protected by encryption once the owner has accepted responsibility via electronic signature.

*** FILE FLOW DIAGRAM ***
NOTE) There are no files currently pointing to this file.

FILE 6916.3, IT ASSIGNMENT POINTS TO THE FOLLOWING FILES:

<table>
<thead>
<tr>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
<th>FILE NO.</th>
<th>FILE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>(SUBFILE)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>.01</td>
<td>EQUIPMENT</td>
<td>6914</td>
<td>EQUIPMENT INV.</td>
</tr>
<tr>
<td>1</td>
<td>OWNER</td>
<td>200</td>
<td>NEW PERSON</td>
</tr>
<tr>
<td>3</td>
<td>ASSIGNED BY</td>
<td>200</td>
<td>NEW PERSON</td>
</tr>
<tr>
<td>5</td>
<td>HAND RECEIPT TEXT</td>
<td>6916.2</td>
<td>HAND RECEIPT TEXT</td>
</tr>
<tr>
<td>6</td>
<td>CERTIFIED BY</td>
<td>200</td>
<td>NEW PERSON</td>
</tr>
<tr>
<td>8</td>
<td>ENDED BY</td>
<td>200</td>
<td>NEW PERSON</td>
</tr>
<tr>
<td>30</td>
<td>PREVIOUS SIGNATURES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1)</td>
<td>HAND RECEIPT TEXT</td>
<td>6916.2</td>
<td>HAND RECEIPT TEXT</td>
</tr>
<tr>
<td>(3)</td>
<td>CERTIFIED BY</td>
<td>200</td>
<td>NEW PERSON</td>
</tr>
</tbody>
</table>
FILE LIST

FILE NAME (NUMBER): CATEGORY STOCK NUMBER (6917)
GLOBAL LOCATION: ^ENCNSN(6917),
DESCRIPTION: Classification scheme for non-expendable equipment.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6917, CATEGORY STOCK NUMBER

FILE NO. FILE NAME FIELD NO. FIELD NAME (SUBFIELD)
6914 EQUIPMENT INV. 18 CATEGORY STOCK NUMBER

FILE 6917, CATEGORY STOCK NUMBER POINTS TO THE FOLLOWING FILES

FILE NO. FIELD NAME FIELD NO. FIELD NAME (SUBFIELD)
5 SKU 420.5 *** NON EXISTENT FILE ***
6 FSC CODE 441.2 *** NON EXISTENT FILE ***
8 SUBACCOUNT 420.2 SUBACCOUNT
11 ACTIVATED BY 200 NEW PERSON
13 DEACTIVATED BY 200 NEW PERSON
15 EDITED BY 200 NEW PERSON
16 VENDOR 440 VENDOR
(.01) VENDOR

FILE NAME (NUMBER): ENG ARCHIVE LOG (6919)
GLOBAL LOCATION: ^ENG(6919),
DESCRIPTION: Permanent record of every archival episode performed within the Engineering package.

*** FILE FLOW DIAGRAM ***

NOTE) There are no files currently pointing to this file.
NOTE) This file does not currently point to any other file.

FILE NAME (NUMBER): WORK ORDER # (6920)
GLOBAL LOCATION: ^ENG(6920),
DESCRIPTION: Repository of all work requests directed to Engineering Service. Main file used by the Work Order module.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6920, WORK ORDER #

FILE NO. FILE NAME FIELD NO. FIELD NAME (SUBFIELD)
410 CONTROL POINT ACTIVITY 49 SORT GROUP

FILE 6920, WORK ORDER # POINTS TO THE FOLLOWING FILES

FILE NO. FIELD NAME FIELD NO. FIELD NAME (SUBFIELD)
3 LOCATION 6928 ENG SPACE
7.5 ENTERED BY 200 NEW PERSON
9 SHOP 6922 ENGINEERING SECTION LIST
16 PRIMARY TECH ASSIGNED 6929 ENG EMPLOYEE
16.5 TECHNICIANS ASSIGNED
(.01) ASSIGNED TECH 6929 ENG EMPLOYEE
16.5 TECHNICIANS ASSIGNED
(2) SHOP 6922 ENGINEERING SECTION LIST
18 EQUIPMENT ID# 6914 EQUIPMENT INV.
21.9 MANUFACTURER 6912 MANUFACTURER LIST FILE
23 OWNER/DEPARTMENT 49 SERVICE/SECTION
FILE NAME (NUMBER): NEW WORK ACTION (6920.1)
GLOBAL LOCATION: `ENG(6920.1,`
DESCRIPTION: Standardized file of Engineering work actions. Introduced with Engineering Version 7. A single work order may have more than one work action associated with it.

*** FILE FLOW DIAGRAM ***
FILES POINTING TO FILE 6920.1, NEW WORK ACTION

FILE NO.    FILE NAME  FIELD NO.   FIELD NAME
           (SUBFIELD)
6920 WORK ACTION  35 WORK ACTION
6920.5 WORK ACTION  (.01) WORK ACTION
NOTE) This file does not currently point to any other file.

FILE NAME (NUMBER): WORK CENTER CODE (6921)
GLOBAL LOCATION: `DIC(6921,`
DESCRIPTION: A list of codes which subdivide Engineering Cost Centers into Work Centers.

*** FILE FLOW DIAGRAM ***
FILES POINTING TO FILE 6921, WORK CENTER CODE

FILE NO.    FILE NAME  FIELD NO.   FIELD NAME
           (SUBFIELD)
6920 WORK ORDER #  35.5 WORK CENTER CODE
NOTE) This file does not currently point to any other file.

FILE NAME (NUMBER): ENGINEERING SECTION LIST (6922)
GLOBAL LOCATION: `DIC(6922,`
DESCRIPTION: A list of functional sections within Engineering Service.

*** FILE FLOW DIAGRAM ***
FILES POINTING TO FILE 6922, ENGINEERING SECTION LIST

FILE NO.    FILE NAME  FIELD NO.   FIELD NAME
           (SUBFIELD)
6910 ENG INIT PARAMETERS  5 TEMPORARY WORK ORDER SECT
6911 RESPONSIBLE SHOP  1 RESPONSIBLE SHOP
6914 RESPONSIBLE SHOP  (.01) RESPONSIBLE SHOP
6920 WORK ORDER #  9 SHOP
6920 ASSISTING TECH  (2) SHOP
6929 ENG EMPLOYEE  .3 SHOP

FILE 6922, ENGINEERING SECTION LIST POINTS TO THE FOLLOWING FILES

FIELD NO.    FILE NAME  FILE NO.    FILE NAME
(SUBFIELD)
2 DEVICE  3.5 DEVICE
3 PM MONTH (1) TECHNICIAN
(.01) TECHNICIAN  6929 ENG EMPLOYEE
FILE LIST

FILE NAME (NUMBER): FSA-2162 REPORT (6924)
GLOBAL LOCATION: "ENG("FSA",

DESCRIPTION: Information taken from accident reports.

*** FILE FLOW DIAGRAM ***

NOTE) There are no files currently pointing to this file.

FILE 6924, FSA-2162 REPORT POINTS TO THE FOLLOWING FILES

FILE NO.   FILE NAME                     FILE NO.     FILE NAME
(SUBFIELD)
24    ACCIDENT ACTIVITY               6924.1      FSA-ACCIDENT ACTIVITY
25    SERVICE/DIVISION #              6924.3      FSA-DIVISION/SERVICE
30    INJURY/ILLNESS NATURE           6924.2      FSA-ACCIDENT NATURE

ENGINEERING PACKAGE
FILE FIELD STRUCTURE - POINTER RELATIONS

FILE NAME (NUMBER):    FSA-ACCIDENT ACTIVITY (6924.1)
GLOBAL LOCATION: "ENG(6924.1,

DESCRIPTION: Standardized functional activities.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6924.1, FSA-ACCIDENT ACTIVITY

FILE NO.   FILE NAME                     FIELD NO.     FIELD NAME
(SUBFIELD)
6924       FSA-2162 REPORT               24       ACCIDENT ACTIVITY

NOTE) This file does not currently point to any other file.

FILE NAME (NUMBER):    FSA-ACCIDENT NATURE (6924.2)
GLOBAL LOCATION: "ENG(6924.2,

DESCRIPTION: Physiological manifestation of accident.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6924.2, FSA-ACCIDENT NATURE

FILE NO.   FILE NAME                     FIELD NO.     FIELD NAME
(SUBFIELD)
6924       FSA-2162 REPORT               30       INJURY/ILLNESS NATURE

NOTE) This file does not currently point to any other file.
**FILE NAME (NUMBER):** FSA-DIVISION/SERVICE (6924.3)
**GLOBAL LOCATION:** ^ENG(6924.3,

**DESCRIPTION:** File of functional divisions within a Medical Center for purposes of cataloging Accident Reports.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6924.3, FSA-DIVISION/SERVICE

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>6924</td>
<td>FSA-2162 REPORT</td>
<td>25</td>
<td>SERVICE/DIVISION #</td>
</tr>
</tbody>
</table>

NOTE) This file does not currently point to any other file.

**FILE NAME (NUMBER):** CONSTRUCTION PROJECT (6925)
**GLOBAL LOCATION:** ^ENG("PROJ",

**DESCRIPTION:** File of delegated projects. Fund amounts should be recorded in whole dollars only.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6925, CONSTRUCTION PROJECT

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
<th>FIELD NO.</th>
<th>FIELD NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>6925</td>
<td>DOMINOS</td>
<td>225</td>
<td>DOMINOS</td>
</tr>
<tr>
<td>6928.3</td>
<td>ENG BUILDING</td>
<td>(0.01)</td>
<td>DOMINO PROJECT</td>
</tr>
</tbody>
</table>

FILE 6925, CONSTRUCTION PROJECT POINTS TO THE FOLLOWING FILES

<table>
<thead>
<tr>
<th>FIELD NO.</th>
<th>FILE NAME</th>
</tr>
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<tbody>
<tr>
<td>3</td>
<td>MEDICAL CENTER</td>
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<td>6</td>
<td>STATUS</td>
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<td>15.3</td>
<td>OLD MEDICAL CENTER</td>
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<td>15.8</td>
<td>OLD STATUS</td>
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<td>158.1</td>
<td>PROJECT CATEGORY</td>
</tr>
<tr>
<td>158.2</td>
<td>BUDGET CATEGORY</td>
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<tr>
<td>159.2</td>
<td>OLD PROJECT CATEGORY</td>
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<td>OLD BUDGET CATEGORY</td>
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<td>245</td>
<td>CHIEF ENGINEER NAME</td>
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<td>248</td>
<td>VAMC DIRECTOR/DESIGNEE NA*</td>
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<tr>
<td>264</td>
<td>SPACE USE FOR PRIORITIZAT*</td>
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<tr>
<td>279.1</td>
<td>TRANSMITTER 5YR PLAN</td>
</tr>
<tr>
<td>279.3</td>
<td>TRANSMITTER PROJ APPLICAT*</td>
</tr>
</tbody>
</table>

**NOTE) * Names longer than 25 characters have been truncated.

**FILE NAME (NUMBER):** PROJECT STATUS (6925.2)
**GLOBAL LOCATION:** ^ENG(6925.2,

**DESCRIPTION:**

*** FILE FLOW DIAGRAM ***
File List

FILES POINTING TO FILE 6925.2, PROJECT STATUS

FILE NO.  FILE NAME  FIELD NO.  FIELD NAME  (SUBFIELD)

6925  CONSTRUCTION PROJECT  6  STATUS

NOTE) This file does not currently point to any other file.

FILE NAME (NUMBER):  EMPLOYEE(KEYS) (6926)
GLOBAL LOCATION: ^ENG("KEY",

DESCRIPTION: This file contains the names of employees who have been issued keys and the keys they have been issued.

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6926, EMPLOYEE(KEYS)

FILE NO.  FILE NAME  FIELD NO.  FIELD NAME  (SUBFIELD)

6927  ISSUED TO  5  ISSUED TO (.01) ISSUED TO

FILE 6926, EMPLOYEE(KEYS) POINTS TO THE FOLLOWING FILES

FIELD NO.  FIELD NAME  FILE NO.  FILE NAME  (SUBFIELD)

.4  SERVICE  49  SERVICE/SECTION
1  KEYS ISSUED  6927  LOCKS
(.01) KEYS ISSUED
• **FILE NAME (NUMBER):** LOCKS (6927)
  • GLOBAL LOCATION: "ENG("LK",
  • DESCRIPTION: Information concerning locks used in the Medical Center; such as control keys, master keys, pathways, etc.
  •
  •
  • *** FILE FLOW DIAGRAM ***
  •
  • FILES POINTING TO FILE 6927, LOCKS
  •
  • FILE NO. FILE NAME FIELD NO. FIELD NAME (SUBFIELD)
  •
  • 6926 KEYS ISSUED 1 KEYS ISSUED (.01) KEYS ISSUED
  • 6928 ENG SPACE 2 KEY
  •
  • FILE 6927, LOCKS POINTS TO THE FOLLOWING FILES
  •
  • FIELD NO. FIELD NAME FILE NO. FILE NAME (SUBFIELD)
  •
  • 5 ISSUED TO (.01) ISSUED TO 6926 EMPLOYEE(KEYS)
  •

• **FILE NAME (NUMBER):** ENG SPACE (6928)
  • GLOBAL LOCATION: "ENG("SP",
  • DESCRIPTION: Main file used by the space module. It contains detailed information on each room within the Medical Center.
  •
  •
  • *** FILE FLOW DIAGRAM ***
  •
  • FILES POINTING TO FILE 6928, ENG SPACE
  •
  • FILE NO. FILE NAME FIELD NO. FIELD NAME (SUBFIELD)
  •
  • 6914 EQUIPMENT INV. 24 LOCATION
  • 6920 WORK ORDER # 3 LOCATION
  •
  • FILE 6928, ENG SPACE POINTS TO THE FOLLOWING FILES
  •
  • FIELD NO. FIELD NAME FILE NO. FILE NAME (SUBFIELD)
  •
  • .51 BUILDING FILE POINTER 6928.3 ENG BUILDING
  • 1.5 SERVICE 49 SERVICE/SECTION
  • 2.6 FUNCTION 6928.1 ENG SPACE FUNCTIONS
  • 4.9 H-08-9 CRITERIA 7336.6 OFM H089 CHAPTERS
  • 14 UTILITIES (.01) UTILITIES 6928.2 ENG SPACE UTILITIES
File List

**FILE NAME (NUMBER): ENG SPACE FUNCTIONS (6928.1)**
GLOBE LOCATION: ^ENG(6928.1,

**DESCRIPTION:** Functional areas commonly found in VA facilities.

*** FILE FLOW DIAGRAM ***
FILES POINTING TO FILE 6928.1, ENG SPACE FUNCTIONS

<table>
<thead>
<tr>
<th>FILE NO.</th>
<th>FILE NAME</th>
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<tr>
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*NOTE* This file does not currently point to any other file.

**FILE NAME (NUMBER): ENG SPACE UTILITIES (6928.2)**
GLOBE LOCATION: ^ENG(6928.2,

**DESCRIPTION:** Common hospital utilities.

*** FILE FLOW DIAGRAM ***
FILES POINTING TO FILE 6928.2, ENG SPACE UTILITIES

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</table>

*NOTE* This file does not currently point to any other file.

**FILE NAME (NUMBER): ENG BUILDING (6928.3)**
GLOBE LOCATION: ^ENG(6928.3,

**DESCRIPTION:** A simple file of physical buildings. A 'division designation' may be included if needed to distinguish between two buildings having the same number. Suppose, for example, there were two buildings numbered 100 at VAMC St. Louis, one at the John Cochran Division and one at Jefferson Barracks. These two buildings could be entered separately as 100-JC and 100-JB; where 'JB' and 'JC' are division designators. The same strategy may be useful at facilities that support outpatient clinics, Regional Offices, national cemeteries, etc.

*** FILE FLOW DIAGRAM ***
FILES POINTING TO FILE 6928.3, ENG BUILDING

<table>
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FILE 6928.3, ENG BUILDING POINTS TO THE FOLLOWING FILES

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**FILE NAME (NUMBER): ENG EMPLOYEE (6929)**
GLOBE LOCATION: ^ENG("EMP",

**DESCRIPTION:** Should contain all Engineering employees who may be associated with a Work Order, whether or not they actually have access to this computer.
*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 6929, ENG EMPLOYEE

<table>
<thead>
<tr>
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<td>6922</td>
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<td>3 PM MONTH</td>
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<td>(1) TECHNICIAN</td>
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FILE 6929, ENG EMPLOYEE POINTS TO THE FOLLOWING FILES

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FILE NAME (NUMBER): REGULATORY AGENCY (7335.7)
GLOBAL LOCATION: "OFM(7335.7,

*** FILE FLOW DIAGRAM ***

FILES POINTING TO FILE 7335.7, REGULATORY AGENCY

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FILE 7335.7, REGULATORY AGENCY POINTS TO THE FOLLOWING FILES

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File List

• **FILE NAME (NUMBER): OFM SPACE CLASSIFICATION (7336.3)**
  • **GLOBAL LOCATION:** "OFM(7336.3,"
  • **DESCRIPTION:** This file is used for Minor Design and Minor Miscellaneous Prioritization Methodology. Here points are given according to the type of space undergoing 100% renovation or new construction.
  • *** FILE FLOW DIAGRAM ***
  • FILES POINTING TO FILE 7336.3, OFM SPACE CLASSIFICATION
  • FILE NO. FILE NAME FIELD NO. FIELD NAME
  • (SUBFIELD)
  • 6925 CONSTRUCTION PROJECT 264 SPACE USE FOR PRIORITIZ
  • NOTE) This file does not currently point to any other file.

• **FILE NAME (NUMBER): OFM H089 CHAPTERS (7336.6)**
  • **GLOBAL LOCATION:** "OFM(7336.6,"
  • **DESCRIPTION:** This contains the H-08-9 Chapters for Space Planning. It is used to identify areas where space is added or renovated in construction projects.
  • *** FILE FLOW DIAGRAM ***
  • FILES POINTING TO FILE 7336.6, OFM H089 CHAPTERS
  • FILE NO. FILE NAME FIELD NO. FIELD NAME
  • (SUBFIELD)
  • 6925 H089 180 H089 (.01) H089 CHAPTER NAME
  • 6928 ENG SPACE 4.9 H-08-9 CRITERIA
  • NOTE) This file does not currently point to any other file.

• **FILE NAME (NUMBER): OFM PROJ CATEGORY (7336.8)**
  • **GLOBAL LOCATION:** "OFM(7336.8,"
  • **DESCRIPTION:***
  • *** FILE FLOW DIAGRAM ***
  • FILES POINTING TO FILE 7336.8, OFM PROJ CATEGORY
  • FILE NO. FILE NAME FIELD NO. FIELD NAME
  • (SUBFIELD)
  • 6925 CONSTRUCTION PROJECT 158.1 PROJECT CATEGORY
  • FILE 7336.8, OFM PROJ CATEGORY POINTS TO THE FOLLOWING FILES
  • FIELD NO. FIELD NAME FILE NO. FILE NAME
  • (SUBFIELD)
  • 8 MA BUDGET CATEGORY 7336.9 OFM BUDGET CATEGORY
  • 9 MI BUDGET CATEGORY 7336.9 OFM BUDGET CATEGORY
  • 10 MM BUDGET CATEGORY 7336.9 OFM BUDGET CATEGORY
  • 11 NRM BUDGET CATEGORY 7336.9 OFM BUDGET CATEGORY

• **FILE NAME (NUMBER): OFM BUDGET CATEGORY (7336.9)**
  • **GLOBAL LOCATION:** "OFM(7336.9,"
  • **DESCRIPTION:***
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*NOTE* This file does not currently point to any other file.
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</table>
Exported Options

Nonexpendable Equipment Module

The DHCP nonexpendable equipment file is contained within the Engineering package. Acquisition and Material Management Service personnel engaged in property management activities will need access to selected menu options within the Engineering namespace. Menu option ENMM MGR, Nonexpendable Equipment Module (A&MM), is intended to meet the needs of these users. Users of these options should hold the ENEDNX security key. Not all PPM employees will need to hold keys to all the sub-options contained in ENMM MGR so these options may also be assigned individually. Note that holding the ENEDNX key does not automatically give the menu options to the holder. The menus must be specifically assigned. Users of these options should refer to the documentation for the Equipment Management module.

IT Equipment Module

Patch EN*7*87 introduced a new top level menu designed for IT staff. The menu is IT Equipment Module [ENIT MGR]. Users can view and update the non-expendable equipment inventory for IT equipment. The menu also contains options to assign responsibility for IT equipment to individuals and monitor IT equipment. Users must hold the EN IT INVENTORY security key to access the Inventory Edit (IT) option. The EN IT ASSIGNMENT security key is required to create, transfer, and terminate assignments of responsibility for IT equipment. This key also provides access to the Add Entry to New Person File option. Other options on the menu, such as the reports, are not locked by a security key.
Menu Structure

ENGINEERING MAIN MENU

WORK ORDER & MERS
PROJECT PLANNING
PROJECT TRACKING
EQUIPMENT MANAGEMENT
SPACE/FACILITY MANAGEMENT
PROGRAM MANAGEMENT
2162 REPORT OF ACCIDENT
ASSIGN (TRANSFER) ELECTRONIC WORK ORDERS

WORK ORDER & MERS

Enter New Work Order
Edit Work Order Data
Close Out Work Order
Display Work Order
Incomplete Work Order Status
  Incomplete Work Orders by Employee
  Incomplete Work Orders by Location
  Incomplete Work Orders by Shop
  Incomplete Work Orders by Owner/Department
Transfer W.O. to Another Shop
Print Equip. History by Entry Number
Disapprove Work Order
Reprint Work Orders (All Shops)
Print PM Manhours
PROJECT PLANNING

5 Yr Plan Project E/E
Project Application E/E (VAF 10-1193)
Environmental Analysis E/E (VAF 10-1193a)
Activations E/E

Report/Print Menu
   Minor/Minor Misc Prioritization
   NRM Prioritization Scoring Sheet
   Environmental Analysis VAF 10-1193a
   Project Application VAF 10-1193
   5 Yr Plan Report

Approval of Project Application

Electronic Transmission Menu
   Batch Transmit 5-Yr Plan Projects
   Individual 5-Yr Plan Project Transmission
   Project Application Send
PROJECT TRACKING

Enter Project Data
Screen Review All Data
Preliminary Data Enter/Edit
Approved Dates Screen Edit
Revised Dates Screen Edit
Actual Dates Screen Edit
A/E Data Screen Edit
Contractor Data Screen Edit
Changes & Remarks Screen Edit
Print Project Status Report
Print All Project Status Reports
Transmit 10-0051 Electronically
EQUIPMENT MANAGEMENT

New Inventory Entry
Multiple Inventory Entry
Inventory Edit
Display Equipment Record
Equipment Reports ...
  Specific Equipment History
  Equipment Category History
Inventory Listing ...
  CMR Inventory (EIL)
  Equipment Category Inventory
  Location Inventory
  Using Service Inventory
  Responsible Shop Inventory
  Use Status Inventory
Warranty List
Replacement Listing
Failure Rate Report
PM Workload Analysis
Direct Posting to Equipment Histories
PM Parameters ...
  Display Specific Device PM Schedule
  Display Equipment Category PM Schedule
Print PM Procedure
Enter/Edit Specific Device PM Schedule
Enter/Edit Equipment Category PM Schedule
Enter/Edit PM Procedure
Generate PM Schedule ...
  Monthly PM List
  Weekly PM List
  Delete PM Work Orders
EQUIPMENT MANAGEMENT, continued

Record Equipment PMI ...
Close Out PM Work Orders
Rapid Closeout of PM Work Orders
Record Single Device PMI
Bar Coded PMI Functions ...
  Download PM Program to Portable Bar Code Reader
  Upload Data From Portable Bar Code Reader
  Restart Processing of Bar Coded PMI
Upload Data from MedTester
Rapid Deferral of PM Worklist
Print PM Manhours
Print Bar Code Labels for Equipment Management ...
  Equipment Labels ...
    Equipment Category Bar Code Labels
    CMR Bar Code Labels (EQUIPMENT)
    Bar Code Labels by PM Number
    Bar Code Labels by General Location (WING)
    Bar Code Labels by Specific Location (ROOM)
    Single Device Bar Code Label
    Equipment Labels by Equipment ID#
    Bar Code Labels in Conjunction with PM Worklist
    Bar Code Labels for a Purchase Order
    Bar Code Labels by LOCAL ID
    Bar Code Labels by Using Service
EQUIPMENT MANAGEMENT, continued

Location Labels ...
   WING Bar Code Labels
   BUILDING Bar Code Labels
   ROOM Bar Code Label
   ALL Bar Coded Location Labels

Bar Coded Equipment Inventory Management ...
   Download NX Program to Portable Bar Code Reader
   Upload Data From Portable Bar Code Reader
   Inventory Exception Listing
   Manual Update of Equipment Inventory
   Restart Processing of Uploaded NX Inventory Data
NONEXPENDABLE EQUIPMENT

Equipment Enter/Edit (NX) ...
    New Inventory Entry
    Inventory Edit
    Display Equipment Record
    Multiple Inventory Entry
    Manual Update of Equipment Inventory

Equipment Management Reports (NX) ...
    Specific Equipment History
    CMR Inventory (EIL)
    Warranty List
    Replacement Listing
    Location Inventory
    Using Service Inventory
    Use Status Inventory

Bar Code Features (NX Equipment) ...
    Equipment Labels ...
        Equipment Category Bar Code Labels
        CMR Bar Code Labels (EQUIPMENT)
        Bar Code Labels by PM Number
        Bar Code Labels by General Location (WING)
        Bar Code Labels by Specific Location (ROOM)
        Single Device Bar Code Label
        Equipment Labels by Equipment ID#
        Bar Code Labels in Conjunction with PM Worklist
        Bar Code Labels for a Purchase Order
        Bar Code Labels by LOCAL ID
        Bar Code Labels by Using Service
NONEXPENDABLE EQUIPMENT, continued

Location Labels ...
  WING Bar Code Labels
  BUILDING Bar Code Labels
  ROOM Bar Code Label
  ALL Bar Coded Location Labels

Bar Code Features
  Download NX Program to Portable Bar Code Reader
  Upload Data From Portable Bar Code Reader
  Restart Processing of Uploaded NX Inventory Data
  Inventory Exception Listing

NX (Nonexpendable Equipment) Utilities ...
  CMR File Enter/Edit
  Category Stock Number Enter/Edit
PROGRAM MANAGEMENT

Engineering Computer Port
Section List
Work Center Code
Engineering Employee File
Enter/Edit Equipment Category PM Schedule
Manufacturer
ENG SITE PARAMETERS Enter/Edit
SOFTWARE OPTIONS Enter/Edit
Engineering Archive Module
   Find & Assemble Records
   Archive & Verify Records
   Delete Archive Global
   Recall Archive Global
   Review Activity Log
Biomedical Engineering Resource Survey
   Entering Data into the BERS Survey File
   Print Personnel Survey Listing
   Print Contract Survey Listing
   Print General Survey Listing
   Print Additional Survey Listing

Work Action
SPACE/FACILITY MANAGEMENT

Space Management ...
  Enter New Room Space Data
  Display/Edit Room Data
Finish Replacement Schedules Report Menu ...
  Replacement Schedule for All Finishes
  Ceiling Replacement Schedule
  Wall Replacement Schedule
  Floor Replacement Schedule
Space Survey Report Menu ...
  Room/Keying/Function Report
  Space Survey by Room
  Service Space Survey
  Function Space Survey
  Building Space Survey
  RCS 10-0141 Report
    Building Management RCS 10-203, VAF 10-6007a
Non-Space File Location Report
Key/Lock Management ...
  Key Distribution by Employee Enter/Edit
  Lock Number File Enter/Edit
  Print Key Distribution By Employee
  Print Employee List sorted by Key
  Print Employee List by Service
Export Facility Management Data ...
  Output Service/NSF spreadsheet
  Output Function/NSF Spreadsheet
  Output RCS 10-0141 spreadsheet
SPACE/FACILITY MANAGEMENT, continued

Facility Management Utilities ...
   Edit Space Functions file
   Edit Space Utilities file
   Remove Dangling Pointers in Lock file
   Building File Enter/Edit
   Print All Building Data

Leased Space Options ...
   Enter/Edit All Lease Fields (BUILDING FILE)
   Enter/Edit Lease Vendor (BUILDING FILE)
   Print Leased Space Survey

Planning Space Program Menu ...
   Building File Enter/Edit
   Enter/Edit Room Planning Data
   Print Building/Project Space Plan

2162 REPORT OF ACCIDENT

Enter 2162 Report
Display 2162 Report
Edit 2162 Report
Service/Division Summary Report
Injury Cause Summary Report
Accident Nature Summary Report
Specific Location Summary Report

ASSIGN (TRANSFER) ELECTRONIC WORK ORDERS
IT EQUIPMENT MODULE (ENIT MGR)

Inventory Edit (IT)
Display Equipment Record
Bar Code Features (NX Equipment) ...
  Equipment Labels ...
   Equipment Category Bar Code Labels
   CMR Bar Code Labels (EQUIPMENT)
   Bar Code Labels by PM Number
   Bar Code Labels by General Location (WING)
   Bar Code Labels by Specific Location (ROOM)
   Single Device Bar Code Label
   Equipment Labels by Equipment ID#
   Bar Code Labels in Conjunction with PM Worklist
   Bar Code Labels for a Purchase Order
   Bar Code Labels by LOCAL ID
   Bar Code Labels by Using Service
Location Labels ...
  WING Bar Code Labels
  BUILDING Bar Code Labels
  ROOM Bar Code Label
  ALL Bar Coded Location Labels
Download NX Program to Portable Bar Code Reader
Upload Data From Portable Bar Code Reader
Restart Processing of Uploaded NX Inventory Data
Inventory Exception Listing
Specific Equipment History
Display/Edit Room Data
Non-Space File Location Report
IT EQUIPMENT MODULE (ENIT MGR), continued

IT Equipment Responsibility ...
  Assign Responsibility
  Terminate Responsibility
  Transfer Responsibility
  Certify Hard Copy Signature
  Print Hand Receipt for an Individual
  Add Entry to New Person File

IT Equipment Report Menu ...
  Individual Responsibility for IT Assets Report
  Unassigned IT Asset Report
  Assignments Pending Acceptance Report
  Tracked IT Assets Report
  Signature Exception Report
  Assignment Inquiry

IT OWNER MENU

Accept IT Responsibility

Individual Responsibility for IT Assets Report

Print My Hand Receipt

Assignment Inquiry

FILES POINTING TO FILE 7336.9, OFM BUDGET CATEGORY:
FILE NO. FILE NAME FIELD NO. FIELD NAME
(SUBFIELD):
6925 CONSTRUCTION PROJECT 158.2 BUDGET CATEGORY
7336.8 OFM PROJ CATEGORY 8 MA BUDGET CATEGORY:
NOTE: This file does not currently point to any other file.
Option List

**NAME: ENACTUAL**

**NAME TEXT:** Actual Dates Screen Edit

**TYPE:** run routine

**CREATOR:** 187

**DESCRIPTION:** Enter/edit actual milestone dates on Construction Project(s).

**ROUTINE:** PROJ6^ENPROJ

**UPPERCASE MENU TEXT:** ACTUAL DATES SCREEN EDIT

**NAME: ENAE**

**NAME TEXT:** A/E Data Screen Edit

**TYPE:** run routine

**CREATOR:** 187

**DESCRIPTION:** Enter/edit basic information on architectural firms retained by facility for specific projects.

**ROUTINE:** PROJ7^ENPROJ

**UPPERCASE MENU TEXT:** A/E DATA SCREEN EDIT

**NAME: ENAPPROV**

**NAME TEXT:** Approved Dates Screen Edit

**TYPE:** run routine

**CREATOR:** 187

**DESCRIPTION:** Enter/edit 'approved' dates on delegated projects. Approved dates indicate when certain project milestones were originally scheduled. Adherence to these dates is usually important in terms of keeping obligations consistent with an established spending plan.

**ROUTINE:** PROJ4^ENPROJ

**UPPERCASE MENU TEXT:** APPROVED DATES SCREEN EDIT

**NAME: ENAR**

**NAME TEXT:** Engineering Archive Module

**TYPE:** menu

**CREATOR:** 187

**DESCRIPTION:** The Engineering Archive module presently services the Work Order and 2162 Accident Report files. It allows individual records to be stored on tape and purged from the disk.

**ITEM:** ENAR-ASSEMBLE

**SYNONYM:** 1

**ITEM:** ENAR-ARCHIVE

**SYNONYM:** 2

**ITEM:** ENAR-DELETE

**SYNONYM:** 3

**ITEM:** ENAR-RECALL

**SYNONYM:** 4

**ITEM:** ENAR-LOG

**SYNONYM:** 5

**EXIT ACTION:** D OUT^ENAR

**TIMESTAMP:** 55586,57291

**UPPERCASE MENU TEXT:** ENGINEERING ARCHIVE MODULE

**NAME: ENAR-ARCHIVE**

**NAME TEXT:** Archive & Verify Records

**TYPE:** run routine

**CREATOR:** 187

**DESCRIPTION:** Moves a collection of records (archive set) from the archive global to tape. This function should be executed immediately after "Find and Assemble Records".

**ROUTINE:** A^ENAR

**UPPERCASE MENU TEXT:** ARCHIVE & VERIFY RECORDS

**NAME: ENAR-ASSEMBLE**

**NAME TEXT:** Find & Assemble Records

**TYPE:** run routine

**CREATOR:** 187

**DESCRIPTION:** Searches the database and finds the individual records to be archived, after which it moves them to an archive global and simultaneously purges them from disk. The user is asked for record type, station number, and sort parameters. Records may be archived for an entire fiscal year, or a specific quarter. Completed work orders may be archived by shop (all shops, one shop, or all shops but one). Since this function actually purges data from disk, you should backup your system before executing "Find and Assemble Records". Users should be kept off the system until "Find and Assemble" and "Archive and Verify" have run to completion.

**ROUTINE:** G^ENAR

**UPPERCASE MENU TEXT:** FIND & ASSEMBLE RECORDS

**NAME: ENAR-DELETE**

**NAME TEXT:** Delete Archive Global

**TYPE:** run routine

**CREATOR:** 187

**DESCRIPTION:** Kills the archive global, which may be thought of as a temporary storage area. The archive global holds records in the process of being archived, as
well as records which have been recalled from an archive tape for inspection via
File Manager. "Delete Archive Global" should be executed after "Archive and Verify"
and after "Recall Archive Global" (once the recalled records have been inspected
and/or printed).

   ROUTINE: D^ENAR
   UPPERCASE MENU TEXT: DELETE ARCHIVE GLOBAL

NAME: ENAR-LOG
   MENU TEXT: Review Activity Log
   TYPE: run routine
   CREATOR: 187
   DESCRIPTION: Displays a chronological listing of everything that has been done
   with a given archive set.
   ROUTINE: L^ENAR
   UPPERCASE MENU TEXT: REVIEW ACTIVITY LOG

NAME: ENAR-RECALL
   MENU TEXT: Recall Archive Global
   TYPE: run routine
   CREATOR: 187
   DESCRIPTION: Restores records from an archive tape into the archive global, where
   they may be examined via File Manager. User may recall an entire tape or search a
tape for a specific record.
   ROUTINE: R^ENAR
   UPPERCASE MENU TEXT: RECALL ARCHIVE GLOBAL

NAME: ENBCEE ALL
   MENU TEXT: Equipment Labels by Equipment ID#
   TYPE: run routine
   CREATOR: 187
   DESCRIPTION: Prints bar coded equipment labels for each and every entry in the
   Equipment file.
   ROUTINE: ALL^ENLBL5
   UPPERCASE MENU TEXT: EQUIPMENT LABELS BY EQUIPMENT

NAME: ENBCEE CAT
   MENU TEXT: Equipment Category Bar Code Labels
   TYPE: run routine
   CREATOR: 187
   DESCRIPTION: Prints bar coded equipment labels for all pieces of equipment in
   specified category.
   ROUTINE: CAT^ENLBL3
   UPPERCASE MENU TEXT: EQUIPMENT CATEGORY BAR CODE LA

NAME: ENBCEE CMR
   MENU TEXT: CMR Bar Code Labels (EQUIPMENT)
   TYPE: run routine
   CREATOR: 187
   DESCRIPTION: Prints bar code labels for all equipment on a specified CMR.
   ROUTINE: CMR^ENLBL5
   UPPERCASE MENU TEXT: CMR BAR CODE LABELS (EQUIPMENT)

NAME: ENBCEE LID
   MENU TEXT: Bar Code Labels by LOCAL ID
   TYPE: run routine
   CREATOR: 187
   DESCRIPTION: Prints EQUIPMENT LABEL's for a range of LOCAL IDENTIFIERS.
   ROUTINE: LOCID^ENLBL15
   UPPERCASE MENU TEXT: BAR CODE LABELS BY LOCAL ID
Exported Options

NAME: ENBCEE PM  MENU TEXT: Bar Code Labels by PM Number
TYPE: run routine  CREATOR: 187
DESCRIPTION: Prints bar coded equipment labels for a specified range of Property
Management numbers.
ROUTINE: PM^ENLBL10
UPPERCASE MENU TEXT: BAR CODE LABELS BY PM NUMBER

NAME: ENBCEE PMLIST
MENU TEXT: Bar Code Labels in Conjunction with PM Worklist
TYPE: run routine  CREATOR: 187
DESCRIPTION: Prints bar coded equipment labels for each piece of equipment on a
monthly PM worklist. User specifies the worklist by responding to prompts for date
(month and year only) and shop.
ROUTINE: WRKLST^ENLBL11
UPPERCASE MENU TEXT: BAR CODE LABELS IN CONJUNCTION

NAME: ENBCEE PO
MENU TEXT: Bar Code Labels for a Purchase Order
TYPE: run routine  CREATOR: 187
DESCRIPTION: Prints a bar coded EQUIPMENT LABEL for each item on a specific
purchase order.
ROUTINE: PO^ENLBL12
UPPERCASE MENU TEXT: BAR CODE LABELS FOR A PURCHASE

NAME: ENBCEE RM
MENU TEXT: Bar Code Labels by Specific Location (ROOM)
TYPE: run routine  CREATOR: 187
DESCRIPTION: Prints bar code labels for each piece of equipment in a specified
room. Sites must be using the Space file (#6928) in order to profit from using this
option.
ROUTINE: RM^ENLBL6
UPPERCASE MENU TEXT: BAR CODE LABELS BY SPECIFIC LO

NAME: ENBCEE SD
MENU TEXT: Single Device Bar Code Label
TYPE: run routine  CREATOR: 187
DESCRIPTION: Prints bar code label for one specific piece of equipment.
ROUTINE: SD^ENLBL3
UPPERCASE MENU TEXT: SINGLE DEVICE BAR CODE LABEL

NAME: ENBCEE SRVC
MENU TEXT: Bar Code Labels by Using Service
TYPE: run routine  CREATOR: 187
DESCRIPTION: Prints bar coded EQUIPMENT LABEL’s for all devices that are
identified in the Equipment file as belonging to a particular SERVICE.
ROUTINE: SRVC^ENLBL12
UPPERCASE MENU TEXT: BAR CODE LABELS BY USING SERVI

NAME: ENBCEE WING
MENU TEXT: Bar Code Labels by General Location (WING)
TYPE: run routine  CREATOR: 187
DESCRIPTION: Prints bar code labels for each piece of equipment located on a
specified WING, where WING is taken from the Space file (#6928).
ROUTINE: WING^ENLBL6
UPPERCASE MENU TEXT: BAR CODE LABELS BY GENERAL LOC
Exported Options

NAME: ENBCLBL MGR
MENU TEXT: Print Bar Code Labels for Equipment Management
TYPE: menu
CREATOR: 187
DESCRIPTION: Generates bar code labels (location labels and equipment labels) for
equipment management applications. Designed for use with a dedicated bar code printer.
ITEM: ENBCLBLEE
SYNONYM: 1
ITEM: ENBCLBLSP
SYNONYM: 2
TIMESTAMP: 55586,57318
UPPERCASE MENU TEXT: PRINT BAR CODE LABELS FOR EQUI

NAME: ENBCLBLEE
MENU TEXT: Equipment Labels
TYPE: menu
CREATOR: 187
DESCRIPTION: Prints bar coded equipment labels. Cohorts of labels (ex: labels by
CMR, labels by Equipment Category, etc.) will be sorted by LOCATION
unless the user specifies otherwise.
ITEM: ENBCEE CAT
SYNONYM: 1
ITEM: ENBCEE CMR
SYNONYM: 2
ITEM: ENBCEE PM
SYNONYM: 3
ITEM: ENBCEE WING
SYNONYM: 4
ITEM: ENBCEE RM
SYNONYM: 5
ITEM: ENBCEE SD
SYNONYM: 6
ITEM: ENBCEE ALL
SYNONYM: 7
ITEM: ENBCEE PMLIST
SYNONYM: 8
ITEM: ENBCEE PO
SYNONYM: 9
ITEM: ENBCEE LID
SYNONYM: 10
ITEM: ENBCEE SRVC
SYNONYM: 11
TIMESTAMP: 55586,57336
UPPERCASE MENU TEXT: EQUIPMENT LABELS

NAME: ENBCLBLSP
MENU TEXT: Location Labels
TYPE: menu
CREATOR: 187
DESCRIPTION: Driver option to print bar coded location labels.
ITEM: ENBCSP WING
SYNONYM: 1
ITEM: ENBCSP BLDG
SYNONYM: 2
ITEM: ENBCSP RM
SYNONYM: 3
ITEM: ENBCSP ALL
SYNONYM: 4
TIMESTAMP: 55586,57312
UPPERCASE MENU TEXT: LOCATION LABELS

NAME: ENBCNX MGR
MENU TEXT: Bar Coded Equipment Inventory Management
TYPE: menu
CREATOR: 187
DESCRIPTION: Driver for NX inventory functions.
ITEM: ENBCNXDNLD
SYNONYM: 1
ITEM: ENBCUPLD
SYNONYM: 2
ITEM: ENBCNXCMR
SYNONYM: 3
ITEM: ENBCNXMAN
SYNONYM: 4
ITEM: ENBCNXRES
SYNONYM: 5
TIMESTAMP: 55586,57321
UPPERCASE MENU TEXT: BAR CODED EQUIPMENT INVENTORY

NAME: ENBCNXCMR
MENU TEXT: Inventory Exception Listing
TYPE: run routine
CREATOR: 187
DESCRIPTION: Produces a list of those items on a specified CMR that have not been
located in the course of a physical inventory.
ROUTINE: EN^ENEQNX4
UPPERCASE MENU TEXT: INVENTORY EXCEPTION LISTING
Exported Options

NAME: ENBCNXDNLD
MENU TEXT: Download NX Program to Portable Bar Code Reader
TYPE: action
CREATOR: 187
DESCRIPTION: Downloads an IRL (Interactive Reader Language) program to a portable bar code reader.
ENTRY ACTION: "I $D(^DIC(6910,1,0)) S ENSTA=""_($P(^(0),U,2)_"",ENCTID="ENNX
D "ENCTBAR"
UPPERCASE MENU TEXT: DOWNLOAD NX PROGRAM TO PORTABLE

NAME: ENBCNXMAN
MENU TEXT: Manual Update of Equipment Inventory
TYPE: run routine
CREATOR: 187
DESCRIPTION: Uses FileMan to update physical inventory data on individual entries in the Equipment file.
ROUTINE: EN^ENEQNX5
UPPERCASE MENU TEXT: MANUAL UPDATE OF EQUIPMENT INV

NAME: ENBCNXRES
MENU TEXT: Restart Processing of Uploaded NX Inventory Data
TYPE: run routine
CREATOR: 187
DESCRIPTION: Used to resume processing of NX inventory that has been uploaded from a portable bar code reader. User will need PROCESS ID and TIME STAMP from failed process. If this information is unavailable, data upload must be re-started from the beginning.
ROUTINE: RES^ENEQNX1
UPPERCASE MENU TEXT: RESTART PROCESSING OF UPLOADED

NAME: ENBCPM MGR
MENU TEXT: Bar Coded PMI Functions
TYPE: menu
CREATOR: 187
DESCRIPTION: Driver for bar coded Preventive Maintenance functions. Will prompt you to either (1) download a data acquisition program to a bar code reader, (2) upload collected data from a bar code reader, or (3) restart processing of a previously uploaded data set.
ITEM: ENBCPMDNLD
SYNONYM: 1
ITEM: ENBCUPLD
SYNONYM: 2
ITEM: ENBCPMRES
SYNONYM: 3
TIMESTAMP: 55586,57323
UPPERCASE MENU TEXT: BAR CODED PMI FUNCTIONS

NAME: ENBCPMDNLD
MENU TEXT: Download PM Program to Portable Bar Code Reader
TYPE: action
CREATOR: 187
DESCRIPTION: Downloads an IRL (Interactive Reader Language) program to a portable bar code reader. The IRL program records PM inspections.
ENTRY ACTION: "I $D(^DIC(6910,1,0)) S ENSTA=""_($P(^(0),U,2)_"",ENCTID="ENPM
D DNLD^ENBCPM1"
UPPERCASE MENU TEXT: DOWNLOAD PM PROGRAM TO PORTABLE

NAME: ENBCPMRES
MENU TEXT: Restart Processing of Bar Coded PMI
TYPE: run routine
CREATOR: 187
DESCRIPTION: Used to resume processing of PMI list that has been uploaded from a portable bar code reader. User will need PROCESS ID and TIME STAMP from failed process. If this information is unavailable, data upload must be re-started from the beginning.
ROUTINE: RES^ENBCPM1
UPPERCASE MENU TEXT: RESTART PROCESSING OF BAR CODE
Exported Options

NAME: ENBCSP ALL
MENU TEXT: ALL Bar Coded Location Labels
TYPE: run routine
CREATOR: 187
DESCRIPTION: Prints bar code labels for all entries in the Space file (#6928).
ROUTINE: ALL^ENLBL4
UPPERCASE MENU TEXT: ALL BAR CODED LOCATION LABELS

NAME: ENBCSP BLDG
MENU TEXT: BUILDING Bar Code Labels
TYPE: run routine
CREATOR: 187
DESCRIPTION: Prints bar code LABELS for all rooms in a specified
BUILDING, where BUILDING is taken to be the second piece (with '-' as delimiter) of
the NAME field from the Space file (#6928).
ROUTINE: BLDG^ENLBL4
UPPERCASE MENU TEXT: BUILDING BAR CODE LABELS

NAME: ENBCSP RM
MENU TEXT: ROOM Bar Code Label
TYPE: run routine
CREATOR: 187
DESCRIPTION: Prints bar code label for specified room. Room in question must
first exist in the Space file (#6928).
ROUTINE: RM^ENLBL4
UPPERCASE MENU TEXT: ROOM BAR CODE LABEL

NAME: ENBCSP WING
MENU TEXT: WING Bar Code Labels
TYPE: run routine
CREATOR: 187
DESCRIPTION: Prints bar code LOCATION LABELS for all rooms in a specified WING,
where WING is as defined in the Space file (#6928).
ROUTINE: WING^ENLBL4
UPPERCASE MENU TEXT: WING BAR CODE LABELS

NAME: ENBCUPLD
MENU TEXT: Upload Data From Portable Bar Code Reader
TYPE: run routine
CREATOR: 187
DESCRIPTION: Calls a routine that causes a portable bar code reader to upload its
data to DHCP.
ROUTINE: ENCTREAD
UPPERCASE MENU TEXT: UPLOAD DATA FROM PORTABLE BAR

NAME: ENCLERK
MENU TEXT: Engineering Cost Control Clerk
Main Menu
TYPE: menu
CREATOR: 187
DESCRIPTION: This Menu is set up for the Cost Account Clerk. Sites will probably
want to add selected IFCAP options to this 'menu' item.
ITEM: ENPROJ SYNONYM: 1
ITEM: DIUSER SYNONYM: 2
EXIT ACTION: D EXIT^EN ENTRY ACTION: D INIT^EN,HDR^EN
TIMESTAMP: 55586,57262 TIMESTAMP OF PRIMARY MENU: 53512,52393
UPPERCASE MENU TEXT: ENGINEERING MAIN MENU

NAME: ENCHANGES
MENU TEXT: Changes & Remarks Screen Edit
TYPE: run routine
CREATOR: 187
DESCRIPTION: Enter/edit summary of change orders and narrative remarks.
ROUTINE: PROJ8^ENPROJ
UPPERCASE MENU TEXT: CHANGES & REMARKS SCREEN EDIT
Exported Options

NAME: ENCMR
MENU TEXT: CMR File Enter/Edit
TYPE: edit
CREATOR: 187
LOCK: ENEDNX
DESCRIPTION: For maintaining the list of CMR (Consolidated Memoranda of Receipt) in use at your facility. This option is usually held by your PPM Chief and/or his designee.
DIC (DIC): ENG(6914.1,
DIC(0): AEQLM
DIE: ENG(6914.1,
DR (DIE): .01:99
UPPERCASE MENU TEXT: CMR FILE ENTER/EDIT

NAME: ENCONTR
MENU TEXT: Contractor Data Screen Edit
TYPE: run routine
CREATOR: HEIBY,D
DESCRIPTION: Enter/edit basic information on prime construction contractor for a delegated project.
ROUTINE: PROJC^ENPROJ
UPPERCASE MENU TEXT: CONTRACTOR DATA SCREEN EDIT

NAME: ENCSN
MENU TEXT: Category Stock Number Enter/Edit
TYPE: edit
CREATOR: 187
DESCRIPTION: Intended for maintenance of Category Stock Number file. This option should be held by no more than one or two persons at each site, at the discretion of A&MM.
DIC (DIC): ENCSN(6917,
DIC(0): AEMQL
DIE: ENCSN(6917,
DR (DIE): [ENCSN]
UPPERCASE MENU TEXT: CATEGORY STOCK NUMBER ENTER/EDIT

NAME: ENDSY
MENU TEXT: Display Work Order
TYPE: run routine
CREATOR: 187
DESCRIPTION: Display existing work request in a screen format. Facility exists for editing work order once it has been displayed.
ROUTINE: DSY^ENWO1
UPPERCASE MENU TEXT: DISPLAY WORK ORDER

NAME: ENEMP
MENU TEXT: Engineering Employee File
TYPE: run routine
CREATOR: 187
DESCRIPTION: Enter/edit Engineering Employee file. File should contain entries for all personnel who may be wholly or partially responsible for completing work requests.
ROUTINE: EMP^ENMAN
UPPERCASE MENU TEXT: ENGINEERING EMPLOYEE FILE

NAME: ENENT
MENU TEXT: Edit Work Order Data
TYPE: run routine
CREATOR: 187
DESCRIPTION: Edit work request in line by line FileMan mode.
ROUTINE: ENT^ENWO1
UPPERCASE MENU TEXT: EDIT WORK ORDER DATA

NAME: ENEQ-FAILURE
MENU TEXT: Failure Rate Report
TYPE: run routine
CREATOR: 187
DESCRIPTION: Prints a synopsis of the repair history of user specified device types.
ROUTINE: F1^ENEQRP3
UPPERCASE MENU TEXT: FAILURE RATE REPORT
Exported Options

NAME: ENEQ-INVENTORY MENU TEXT: Inventory Listing
TYPE: menu CREATOR: 187
DESCRIPTION: Contains options to print data from the EQUIPMENT INV. File (#6914).
ITEM: ENEQINV1 SYNONYM: 1
ITEM: ENEQINV2 SYNONYM: 2
ITEM: ENEQINV3 SYNONYM: 3
ITEM: ENEQINV4 SYNONYM: 4
ITEM: ENEQINV5 SYNONYM: 5
ITEM: ENEQINV6 SYNONYM: 6
ENTRY ACTION: D HDR^ENEQRPI TIMESTAMP: 55586,57301
UPPERCASE MENU TEXT: INVENTORY LISTING

NAME: ENEQ-PLANNER MENU TEXT: PM Workload Analysis
TYPE: run routine CREATOR: 187
DESCRIPTION: Prints a breakdown of scheduled PMI hours by month for a given shop. Intended as a tool in balancing PM workload.
UPPERCASE MENU TEXT: PM WORKLOAD ANALYSIS

NAME: ENEQ-REPLACE MENU TEXT: Replacement Listing
TYPE: run routine CREATOR: 187
DESCRIPTION: Prints all entries in the EQUIPMENT INV. file scheduled for replacement within a user specified time interval.
ROUTINE: R^ENEQRP1 UPPERCASE MENU TEXT: REPLACEMENT LISTING

NAME: ENEQ-REPORTS MENU TEXT: Equipment Reports
TYPE: menu CREATOR: 187
DESCRIPTION: Contains options to print data from the EQUIPMENT INV. file (#6914).
ITEM: ENIN-HIST-SPECIFIC SYNONYM: 1
ITEM: ENIN-HIST GENERIC SYNONYM: 2
ITEM: ENEQ-INVENTORY SYNONYM: 3
ITEM: ENEQ-WARRANTY SYNONYM: 4
ITEM: ENEQ-FAILURE SYNONYM: 5
ITEM: ENEQ-PLANNER SYNONYM: 6
ITEM: ENEQ-REPLACE SYNONYM: 7
ITEM: ENEQPOST SYNONYM: 8
ENTRY ACTION: D HDR^ENEQRPI TIMESTAMP: 55613,31339
UPPERCASE MENU TEXT: EQUIPMENT REPORTS

NAME: ENEQ-WARRANTY MENU TEXT: Warranty List
TYPE: run routine CREATOR: 187
DESCRIPTION: Prints all devices whose warranties are scheduled to expire within a user specified time interval.
ROUTINE: W^ENEQRP1 UPPERCASE MENU TEXT: WARRANTY LIST

NAME: ENEQHID MENU TEXT: Print Equip. History by Entry Number
TYPE: run routine CREATOR: 187
DESCRIPTION: Print summary of work orders against an individual equipment record. No restrictions as to how equipment look-up is performed.
ROUTINE: EQHI^ENWO1 UPPERCASE MENU TEXT: PRINT EQUIP. HISTORY BY ENTRY

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Exported Options

NAME: ENEQINV1  MENU TEXT: CMR Inventory
TYPE: run routine  CREATOR: 187
DESCRIPTION: Inventory listing by CMR. Produces a document suitable for
signature of Responsible Official.
ROUTINE: CMR^ENEQRPI  UPPERCASE MENU TEXT: CMR INVENTORY

NAME: ENEQINV2  MENU TEXT: Equipment Category Inventory
TYPE: run routine  CREATOR: 187
DESCRIPTION: Inventory listing by device type (c.f., File 6911).
ROUTINE: DTYP^ENEQRPI  UPPERCASE MENU TEXT: EQUIPMENT CATEGORY INVENTORY

NAME: ENEQINV3  MENU TEXT: Location Inventory
TYPE: run routine  CREATOR: 187
DESCRIPTION: Inventory listing by device location.
ROUTINE: LOC^ENEQRPI  UPPERCASE MENU TEXT: LOCATION INVENTORY

NAME: ENEQINV4  MENU TEXT: Using Service Inventory
TYPE: run routine  CREATOR: 187
DESCRIPTION: Inventory listing by using service. Note that the using service is
not necessarily the owning service (ex: a VCR may be used in Dental but owned by
Medical Media Production). Owning service is established via the CMR.
ROUTINE: SRV^ENEQRPI  UPPERCASE MENU TEXT: USING SERVICE INVENTORY

NAME: ENEQINV5  MENU TEXT: Responsible Shop Inventory
TYPE: run routine  CREATOR: 187
DESCRIPTION: Inventory listing by responsible shop.
ROUTINE: SHOP^ENEQRPI  UPPERCASE MENU TEXT: RESPONSIBLE SHOP INVENTORY

NAME: ENEQINV6  MENU TEXT: Use Status Inventory
TYPE: run routine  CREATOR: 187
DESCRIPTION: Inventory listing by use status.
ROUTINE: STUS^ENEQRPI  UPPERCASE MENU TEXT: USE STATUS INVENTORY

NAME: ENEQPOST  MENU TEXT: Direct Posting to Equipment Histories
TYPE: run routine  CREATOR: HEIBY,D
DESCRIPTION: A utility for posting activities to Equipment Histories without
going thru the Work Order module.
ROUTINE: EN^ENEQP  UPPERCASE MENU TEXT: DIRECT POSTING TO EQUIPMENT HI

NAME: ENETRANSFER  MENU TEXT: Assign (Transfer) Electronic Work Orders
TYPE: run routine  CREATOR: 187
DESCRIPTION: Used to transfer work orders entered via CRT by non-Engineering
personnel from a 'receiving area' (essentially a fictitious shop) to a working
shop.
ROUTINE: ENETRAN  UPPERCASE MENU TEXT: ASSIGN (TRANSFER) ELECTRONIC W
NAME: ENEUSER1
MENU TEXT: Equipment Management
TYPE: menu
CREATOR: 187
DESCRIPTION: Gives access to the Preventive Maintenance module.
ITEM: ENFM
SYNONYM: 1
ITEM: ENPMS
SYNONYM: 2
ITEM: ENPMR
SYNONYM: 3
ENTRY ACTION: D HDR^ENEQ
TIMESTAMP: 55586,57295
TIMESTAMP OF PRIMARY MENU: 53920,41795
UPPERCASE MENU TEXT: EQUIPMENT MANAGEMENT

NAME: ENFS-2162
MENU TEXT: 2162 Report of Accident
TYPE: menu
CREATOR: 187
DESCRIPTION: ENGINEERING ACCIDENT REPORTING MODULE - FORM 2162
ITEM: ENFS-2162-ENTER
SYNONYM: 1
ITEM: ENFS-2162-DISPLAY
SYNONYM: 2
ITEM: ENFS-2162-EDIT
SYNONYM: 3
ITEM: ENFS-2162-SERVICE SUMMARY
SYNONYM: 4
ITEM: ENFS-2162-INJURY SUMMARY
SYNONYM: 5
ITEM: ENFS-2162-ACC. NATURE SUMMARY
SYNONYM: 6
ITEM: ENFS-2162-LOCATION SUMMARY
SYNONYM: 7
ENTRY ACTION: D INIT^ENFSA,HDR^ENFSA
TIMESTAMP: 55586,57271
UPPERCASE MENU TEXT: 2162 REPORT OF ACCIDENT

NAME: ENFS-2162-ACC. NATURE SUMMARY
MENU TEXT: Accident Nature Summary Report
TYPE: run routine
CREATOR: 187
DESCRIPTION: ENGINEERING ACCIDENT REPORTING MODULE - FM 2162 REPORT BY ACCIDENT NATURE
ROUTINE: P30^ENFSA1
UPPERCASE MENU TEXT: ACCIDENT NATURE SUMMARY REPORT

NAME: ENFS-2162-DISPLAY
MENU TEXT: Display 2162 Report
TYPE: run routine
CREATOR: 187
DESCRIPTION: ENGINEERING ACCIDENT REPORTING MODULE - DISPLAY 2162 REPORT
ROUTINE: R3^ENFSA
UPPERCASE MENU TEXT: DISPLAY 2162 REPORT

NAME: ENFS-2162-EDIT
MENU TEXT: Edit 2162 Report
TYPE: run routine
CREATOR: 187
DESCRIPTION: ENGINEERING ACCIDENT REPORTING MODULE - EDIT 2162 REPORT
ROUTINE: R2^ENFSA
UPPERCASE MENU TEXT: EDIT 2162 REPORT

NAME: ENFS-2162-ENTER
MENU TEXT: Enter 2162 Report
TYPE: run routine
CREATOR: 187
DESCRIPTION: ENGINEERING ACCIDENT REPORTING MODULE - ENTER 2162 REPORT
ROUTINE: R1^ENFSA
UPPERCASE MENU TEXT: ENTER 2162 REPORT

NAME: ENFS-2162-INJURY SUMMARY
MENU TEXT: Injury Cause Summary Report
TYPE: run routine
CREATOR: 187
DESCRIPTION: ENGINEERING ACCIDENT REPORTING MODULE - FM 2162 REPORT BY INJURY CAUSE
ROUTINE: P20^ENFSA1
UPPERCASE MENU TEXT: INJURY CAUSE SUMMARY REPORT
Exported Options

NAME: ENFS-2162-LOCATION SUMMARY
MENU TEXT: Specific Location Summary Report
TYPE: run routine CREATOR: 187
DESCRIPTION: ENGINEERING ACCIDENT REPORTING MODULE - FM 2162 REPORT BY LOCATION
ROUTINE: P40^ENFSA1
UPPERCASE MENU TEXT: SPECIFIC LOCATION SUMMARY REPORT

NAME: ENFS-2162-SERVICE SUMMARY
MENU TEXT: Service/Division Summary Report
TYPE: run routine CREATOR: 187
DESCRIPTION: ENGINEERING ACCIDENT REPORTING MODULE - FM 2162 REPORT BY SERVICE
ROUTINE: P10^ENFSA1
UPPERCASE MENU TEXT: SERVICE/DIVISION SUMMARY REPORT

NAME: ENGSADDPRT1
MENU TEXT: Print Additional Survey Listing
TYPE: print CREATOR: 187
DESCRIPTION: Print 'Additional Support Areas' listing from Biomedical Engineering Resources Survey (BERS) file.
DIC {DIP}: ENGS(6916, PG: 1
L.: 0 FLDS: [ENGSADDITIONAL]
UPPERCASE MENU TEXT: PRINT ADDITIONAL SURVEY LISTING

NAME: ENGSCONPRT1
MENU TEXT: Print Contract Survey Listing
TYPE: print CREATOR: 187
DESCRIPTION: Print information on equipment service contracts from the Biomedical Engineering Resources Survey (BERS) file.
DIC {DIP}: ENGS(6916, PG: 1
L.: 0 FLDS: [ENGSCONTRACT]
UPPERCASE MENU TEXT: PRINT CONTRACT SURVEY LISTING

NAME: ENGSGENPRT1
MENU TEXT: Print General Survey Listing
TYPE: print CREATOR: 187
DESCRIPTION: Print general information from the Biomedical Engineering Resources Survey (BERS) file.
DIC {DIP}: ENGS(6916, PG: 1
L.: 0 FLDS: [ENGSGENERAL]
UPPERCASE MENU TEXT: PRINT GENERAL SURVEY LISTING

NAME: ENGSMENU
MENU TEXT: Biomedical Engineering Resource Survey
TYPE: menu CREATOR: 187
DESCRIPTION: Driver option for Biomedical Engineering Resources Survey module.
This module collects data on how individual facilities maintain their biomedical equipment and instrumentation. Data from all sites is aggregated once a year by the Engineering Service Center in St. Louis.
ITEM: ENGSSURVEYINPUT SYNONYM: 1
DISPLAY ORDER: 1
ITEM: ENGSSURPRT1 SYNONYM: 2
DISPLAY ORDER: 2
ITEM: ENGSCONPRT1 SYNONYM: 3
DISPLAY ORDER: 3
ITEM: ENGSGENPRT1 SYNONYM: 4
DISPLAY ORDER: 4
ITEM: ENGSADDPRT1 SYNONYM: 5
DISPLAY ORDER: 5
TIMESTAMP: 55586,57331
UPPERCASE MENU TEXT: BIOMEDICAL ENGINEERING RESOURC

NAME: ENGSSURPRT1
MENU TEXT: Print Personnel Survey Listing
TYPE: print CREATOR: 187
DESCRIPTION: Print Engineering personnel data from the Biomedical Engineering Resources Survey (BERS) file.
DIC {DIP}: ENGS(6916, PG: 1
NAME: ENGSURVEYINPUT
MENU TEXT: Entering Data into the BERS Survey File
TYPE: edit
CREATOR:
DESCRIPTION: Data entry option for Biomedical Engineering Resources Survey (BERS) file. Data elements in this file are updated annually by each facility and then sent to the Engineering Service Center in St. Louis. Reports are aggregated for use by VACO program officials.
DIC (DIC): ENGS(6916, DIC(0): AELQM
DIC (A): Enter Survey Year and Hospital Number:
DIC: ENGS(6916, DR (DIE): [ENGSURVEY]
DIC (DIP): ENGS(6916, TIMESTAMP OF PRIMARY MENU: 54545, 43576
UPPERCASE MENU TEXT: ENTERING DATA INTO THE BERS SU

NAME: ENIN-ENTER-MULTI
MENU TEXT: Multiple Inventory Entry
TYPE: run routine
CREATOR: 187
DESCRIPTION: Enter several like items (e.g.; 50 new electric beds) into the EQUIPMENT INV. file (#6914) without having to enter common information each time.
ROUTINE: ME^ENEQ1
UPPERCASE MENU TEXT: MULTIPLE INVENTORY ENTRY

NAME: ENIN-HIST GENERIC
MENU TEXT: Equipment Category History
TYPE: run routine
CREATOR:
DESCRIPTION: A synopsis of the maintenance costs for a given device type.
ROUTINE: HD^ENEQRP2
UPPERCASE MENU TEXT: EQUIPMENT CATEGORY HISTORY

NAME: ENIN-HIST SPECIFIC
MENU TEXT: Specific Equipment History
TYPE: run routine
CREATOR: 187
DESCRIPTION: Print-out of repair history of a specific entry in EQUIPMENT INV. file.
ROUTINE: HS^ENEQRP1
UPPERCASE MENU TEXT: SPECIFIC EQUIPMENT HISTORY
Exported Options

NAME: ENINV
MENU TEXT: Equipment Management
TYPE: menu
CREATOR:
DESCRIPTION: Contains options for maintaining the EQUIPMENT INV. file (#6914) and for managing the PMI program.
ITEM: ENINVNEW
SYNONYM: 1
DISPLAY ORDER: 1
ITEM: ENINV-ENTER-MULTI
SYNONYM: 2
DISPLAY ORDER: 2
ITEM: ENINV EDIT
SYNONYM: 3
ITEM: ENINVINV
SYNONYM: 4
ITEM: ENEQ-REPORTS
SYNONYM: 5
ITEM: ENPM
SYNONYM: 6
ITEM: ENPMS
SYNONYM: 7
ITEM: ENPMR
SYNONYM: 8
ITEM: ENBCLBL MGR
SYNONYM: 9
ITEM: ENBCNX MGR
SYNONYM: 10
EXIT ACTION: D EXIT^ENEQ
ENTRY ACTION: D INIT^ENEQ,HDR^ENEQ
TIMESTAMP: 55586,57320
UPPERCASE MENU TEXT: EQUIPMENT MANAGEMENT

NAME: ENINV EDIT
MENU TEXT: Inventory Edit
TYPE: run routine
CREATOR:
DESCRIPTION: Edit the record of an existing piece of equipment. The .01 field (ENTRY NUMBER) is assigned by the system when an item is first added to the EQUIPMENT INV. file and may not be edited. This option gives access to both Supply and Engineering fields.
ROUTINE: EDA^ENEQ1
UPPERCASE MENU TEXT: INVENTORY EDIT

NAME: ENINVINV
MENU TEXT: Display Equipment Record
TYPE: run routine
CREATOR:
DESCRIPTION: Display selected fields from the EQUIPMENT INV. file. Repair history IS
ROUTINE: DS^ENEQ1
UPPERCASE MENU TEXT: DISPLAY EQUIPMENT RECORD

NAME: ENINVNEW
MENU TEXT: New Inventory Entry
TYPE: run routine
CREATOR:
DESCRIPTION: Add a new item to the EQUIPMENT INV. file (#6914).
ROUTINE: EN^ENEQ1 UPPERCASE MENU TEXT: NEW INVENTORY ENTRY

NAME: ENIT ADD NEW PERSON
MENU TEXT: Add Entry to New Person File
TYPE: run routine
CREATOR:
LOCK: EN IT ASSIGNMENT
PACKAGE: ENGINEERING
DESCRIPTION: Add an entry to the NEW PERSON file. A person should only be added with this option if they will NOT be provided a user account to sign on the computer, but will be assigned responsibility for IT equipment.
ROUTINE: ADDNP^ENITUTL
UPPERCASE MENU TEXT: ADD ENTRY TO NEW PERSON FILE

NAME: ENIT ASSIGN INQ (COM)
MENU TEXT: Assignment Inquiry
TYPE: inquire
PACKAGE: ENGINEERING
DESCRIPTION: Inquiry to an assignment of responsibility for IT equipment.
Only assignments for the user can be selected.
DIC {DIC}: ENG(6916.3,
DIC(0): AEMQ
DIC(S): I $P(\{0\},U,2)=DUZ
FLDS: [ENIT ASSIGNMENT INQ]
DIC {DIQ}: ENG(6916.3,
DIQ(0): C
UPPERCASE MENU TEXT: ASSIGNMENT INQUIRY

NAME: ENIT ASSIGN INQ (IT)
MENU TEXT: Assignment Inquiry
TYPE: inquire
PACKAGE: ENGINEERING
CREATOR:
DESCRIPTION: Inquiry to an assignment of responsibility for IT equipment.

DIC (DIC): ENG(6916.3), DIC(0): AEMQ

FLDS: [ENIT ASSIGNMENT INQ] DIC (DIQ): ENG(6916.3,
DIQ(0): C UPPERCASE MENU TEXT: ASSIGNMENT INQUIRY

NAME: ENIT ASSIGN RESP MENU TEXT: Assign Responsibility
TYPE: run routine CREATOR:
LOCK: EN IT ASSIGNMENT PACKAGE: ENGINEERING
DESCRIPTION: Assign responsibility for IT equipment inventory items to individuals. Only equipment on a CMR that has IT TRACKING set to YES can be assigned.
ROUTINE: ENITRA

NAME: ENIT CERTIFY RESP MENU TEXT: Certify Hard Copy Signature
TYPE: run routine CREATOR:
LOCK: EN IT ASSIGNMENT PACKAGE: ENGINEERING
DESCRIPTION: This option enables an IT person to certify that an assigned person has signed a hard copy hand receipt accepting responsibility for tracked IT equipment. This option is expected to be used only when the assigned person does not have access to VistA in order to directly, electronically sign for the equipment.
ROUTINE: ENITRC

NAME: ENIT EQUIP RPT MENU TEXT: Tracked IT Assets Report
TYPE: run routine CREATOR:
PACKAGE: ENGINEERING
DESCRIPTION: Report of equipment inventory that has a CMR value with IT TRACKING equal to YES. The report can be run for specific equipment, groups of equipment, or all tracked IT equipment.
ROUTINE: ENITRRE

NAME: ENIT INDV RESP RPT (COM) MENU TEXT: Individual Responsibility for IT Assets Report
TYPE: run routine CREATOR:
PACKAGE: ENGINEERING
DESCRIPTION: Report of all IT equipment currently assigned to the user.
ROUTINE: ENITRRI

NAME: ENIT INDV RESP RPT (IT) MENU TEXT: Individual Responsibility for IT Assets Report
TYPE: run routine
PACKAGE: ENGINEERING
X ACTION PRESENT: YES
DESCRIPTION: Report of all IT equipment currently assigned to a specific responsible individual.
EXIT ACTION: K ENITMENU ENTRY ACTION: S ENITMENU=1
ROUTINE: ENITRRI

NAME: ENIT INVENTORY EDIT MENU TEXT: Inventory Edit (IT)
TYPE: run routine CREATOR:
LOCK: EN IT INVENTORY PACKAGE: ENGINEERING
DESCRIPTION: Edit the record of an existing piece of equipment. This option gives access to fields editable by IT personnel. Only equipment that has a CMR with IT TRACKING set to YES can be selected via this option.
ROUTINE: ENITEQE

NAME: ENIT MGR MENU TEXT: IT Equipment Module
Exported Options

TYPE: menu                      CREATOR:
PACKAGE: ENGINEERING
DESCRIPTION: This is a top level menu designed for IT personnel.
ITEM: ENIT INVENTORY EDIT       SYNONYM: 1
ITEM: ENINVINV                  SYNONYM: 2
ITEM: ENMEMC                    SYNONYM: 3
ITEM: EHN-HIST-SPECIFIC         SYNONYM: 4
ITEM: ENSPROOMD                 SYNONYM: 5
ITEM: ENIT NON-SPACE FILE LOC RPT SYNONYM: 6
ITEM: ENIT RESP MENU            SYNONYM: 7
TIMESTAMP: 61003,35612          TIMESTAMP OF PRIMARY MENU: 61018,43454
UPPERCASE MENU TEXT: IT EQUIPMENT MODULE

NAME: ENIT NON-SPACE FILE LOC RPT
MENU TEXT: Non-Space File Location Report
TYPE: run routine              CREATOR:
PACKAGE: ENGINEERING
DESCRIPTION: This report generates a list of equipment that has a value in the NON-SPACE FILE LOCATION field. Equipment should only have a value in this field when the LOCATION field can not be updated because an appropriate location is not available in the ENG SPACE file. Ideally, equipment will not remain on this report for an extended period.
ROUTINE: ENITNSR
UPPERCASE MENU TEXT: NON-SPACE FILE LOCATION REPORT

NAME: ENIT OWNER MENU           MENU TEXT: IT Owner Menu
TYPE: menu                      CREATOR:
PACKAGE: ENGINEERING
DESCRIPTION: Menu intended for users that may be assigned responsibility for IT equipment. It contains options to list and accept responsibility for assigned IT equipment.
ITEM: ENIT INDV RESP RPT (COM)  DISPLAY ORDER: 2
ITEM: ENIT RESP SIGN            DISPLAY ORDER: 1
ITEM: ENIT PRINT HAND RCPT (COM) DISPLAY ORDER: 3
ITEM: ENIT ASSIGN INQ (COM)     DISPLAY ORDER: 4
TIMESTAMP: 60998,62500          TIMESTAMP OF PRIMARY MENU: 61018,43454
UPPERCASE MENU TEXT: IT OWNER MENU

NAME: ENIT PRINT HAND RCPT (COM) MENU TEXT: Print My Hand Receipt
TYPE: run routine              CREATOR:
PACKAGE: ENGINEERING
DESCRIPTION: This option enables the user to print hand receipts for IT items assigned to the user.
ROUTINE: ASK\ENITRRH
UPPERCASE MENU TEXT: PRINT MY HAND RECEIPT

NAME: ENIT PRINT HAND RCPT (IT) MENU TEXT: Print Hand Receipt for an Individual
TYPE: run routine              CREATOR:
PACKAGE: ENGINEERING
DESCRIPTION: This option enables IT personnel to print hard copy hand receipt for an individual.
ROUTINE: ASK\ENITRRH
UPPERCASE MENU TEXT: PRINT HAND RECEIPT FOR AN INDI

NAME: ENIT RESP MENU            MENU TEXT: IT Equipment Responsibility
TYPE: menu                      CREATOR:
PACKAGE: ENGINEERING
DESCRIPTION: This is the menu for the equipment responsibility options.
ITEM: ENIT TERMINATE RESP       DISPLAY ORDER: 2
ITEM: ENIT TRANSFER RESP        DISPLAY ORDER: 3
ITEM: ENIT ASSIGN RESP          DISPLAY ORDER: 1
ITEM: ENIT CERTIFY RESP         DISPLAY ORDER: 4
Exported Options

ITEM: ENIT RESP RPT MENU  DISPLAY ORDER: 7
ITEM: ENIT ADD NEW PERSON  DISPLAY ORDER: 6
ITEM: ENIT PRINT HAND RCPT (IT)  DISPLAY ORDER: 5
  TIMESTAMP: 61003,35584
  UPPERCASE MENU TEXT: IT EQUIPMENT RESPONSIBILITY

NAME: ENIT RESP NOT ASSIGNED RPT  MENU TEXT: Unassigned IT Asset Report
  TYPE: run routine  CREATOR:
  PACKAGE: ENGINEERING
  DESCRIPTION: Report of tracked IT Assets that are not currently assigned to
               a responsible individual. Assets are considered to be tracked IT assets if
               their CMR value has IT TRACKING set to YES.
  ROUTINE: ENITRRNA
  UPPERCASE MENU TEXT: UNASSIGNED IT ASSET REPORT

NAME: ENIT RESP NOTIFY
  MENU TEXT: Notify User of IT Assignments Requiring Signature
  TYPE: action  CREATOR:
  PACKAGE: ENGINEERING  E ACTION PRESENT: YES
  DESCRIPTION: Provides user with notification during sign-on of any IT
                equipment assignments of responsibility that require their signature. IT
                assignments must be re-signed by the anniversary date of their previous
                signature.
  ENTRY ACTION: D ^ENITRN
  UPPERCASE MENU TEXT: NOTIFY USER OF IT ASSIGNMENTS

NAME: ENIT RESP RPT MENU  MENU TEXT: IT Equipment Report Menu
  TYPE: menu  CREATOR:
  PACKAGE: ENGINEERING
  DESCRIPTION: Menu of IT equipment reports.
  ITEM: ENIT INDV RESP RPT (IT)  DISPLAY ORDER: 1
  ITEM: ENIT EQUIP RPT  DISPLAY ORDER: 4
  ITEM: ENIT SIGN EXCEPT RPT  DISPLAY ORDER: 5
  ITEM: ENIT RESP NOT ASSIGNED RPT  DISPLAY ORDER: 2
  ITEM: ENIT RESP UNSIGNED RPT  DISPLAY ORDER: 3
  ITEM: ENIT ASSIGN INQ (IT)  DISPLAY ORDER: 6
  TIMESTAMP: 60998,62601
  UPPERCASE MENU TEXT: IT EQUIPMENT REPORT MENU

NAME: ENIT RESP SIGN  MENU TEXT: Accept IT Responsibility
  TYPE: run routine  CREATOR:
  PACKAGE: ENGINEERING
  DESCRIPTION: The user will accept responsibility for assigned IT equipment
               by this option. This option allows a user to sign to reaffirm the acceptance,
               as well as, enter the initial acceptance.
  ROUTINE: ENITRS
  UPPERCASE MENU TEXT: ACCEPT IT RESPONSIBILITY

NAME: ENIT RESP UNSIGNED RPT
  MENU TEXT: Assignments Pending Acceptance Report
  TYPE: run routine  CREATOR:
  PACKAGE: ENGINEERING
  DESCRIPTION: Report of equipment with IT assignments that have not yet been
               signed.
  ROUTINE: ENITRRU
  UPPERCASE MENU TEXT: ASSIGNMENTS PENDING ACCEPTANCE

NAME: ENIT SIGN EXCEPT RPT  MENU TEXT: Signature Exception Report
  TYPE: run routine  CREATOR:
  PACKAGE: ENGINEERING
  DESCRIPTION: Report assignments of IT responsibility with the most recent
               signature at least one year old as of a user specified date.
Exported Options

ROUTINE: ENITRX
UPPERCASE MENU TEXT: SIGNATURE EXCEPTION REPORT

NAME: ENIT TERMINATE RESP          MENU TEXT: Terminate Responsibility
TYPE: run routine                 CREATOR:
LOCK: EN IT ASSIGNMENT            PACKAGE: ENGINEERING
DESCRIPTION: This option enables the user to terminate one or more active
responsible from a list of responsibilities based on an equipment item or
a person.

ROUTINE: ENITRT
UPPERCASE MENU TEXT: TERMINATE RESPONSIBILITY

NAME: ENIT TRANSFER RESP           MENU TEXT: Transfer Responsibility
TYPE: run routine                 CREATOR:
LOCK: EN IT ASSIGNMENT            PACKAGE: ENGINEERING
DESCRIPTION: This option terminates selected responsibilities and creates
new responsibilities for equipment under another person.

ROUTINE: ENITRX
UPPERCASE MENU TEXT: TRANSFER RESPONSIBILITY

NAME: ENIT USER ACCOUNT TERMINATED MENU TEXT: IT Notification of Terminated User with Equipment
TYPE: action                       CREATOR:
PACKAGE: ENGINEERING               E ACTION PRESENT: YES
DESCRIPTION: This option should be attached to XU USER TERMINATE to notify
IT when a user with active IT equipment responsibilities is terminated as a
Vista user.
ENTRY ACTION: D USRTRM^ENITUTL
UPPERCASE MENU TEXT: IT NOTIFICATION OF TERMINATED

NAME: ENMAN                        MENU TEXT: Program Management
TYPE: menu                        CREATOR:
LOCK: ENMGR
DESCRIPTION: Intended for use by Engineering Application Manager in maintaining
files used by the Engineering package.

ITEM: ENMANUFACT
ITEM: ENPORT
ITEM: ENSECTION
ITEM: ENWORK CTR
ITEM: ENEMP
ITEM: ENWORK ACTION
ITEM: ENAR
ITEM: ENPM5
ITEM: ENSITE
ITEM: ENSWOPT
ITEM: ENGMENU
EXIT ACTION: D EXIT^ENMAN
ENTRY ACTION: D INIT^ENMAN
TIMESTAMP: 55586,57331
UPPERCASE MENU TEXT: PROGRAM MANAGEMENT
Exported Options

NAME: ENMANUFAC
MENU TEXT: Manufacturer
TYPE: run routine
CREATOR: 187
DESCRIPTION: Enter/edit of the MANUFACTURER file. This file is maintained by the Engineering Service Center in cooperation with the Region 2 ISC. Sites may add entries as necessary, using a ZZ namespace convention. Application managers should check carefully to insure that any local entries are not, in fact, duplications.
ROUTINE: MAN^ENMAN
UPPERCASE MENU TEXT: MANUFACTURER

NAME: ENMGR
MENU TEXT: Engineering Main Menu
TYPE: menu
CREATOR: 187
DESCRIPTION: Engineering Main Menu for the Manager
ITEM: ENW
SYNONYM: WO
DISPLAY ORDER: 1
ITEM: ENPROJ
SYNONYM: TRK
DISPLAY ORDER: 3
ITEM: ENINV
SYNONYM: EQ
DISPLAY ORDER: 4
ITEM: ENSP
SYNONYM: SP
DISPLAY ORDER: 5
ITEM: ENMAN
SYNONYM: ENM
DISPLAY ORDER: 5
ITEM: ENFS-2162
SYNONYM: FSA
DISPLAY ORDER: 7
ITEM: ENPLM01
SYNONYM: PLAN
DISPLAY ORDER: 2
ITEM: ENETRANSFER
SYNONYM: XFER
DISPLAY ORDER: 8
EXIT ACTION: D EXIT^EN ENTRY ACTION: D INIT^EN,HDR^EN
TIMESTAMP: 55630,56164
TIMESTAMP OF PRIMARY MENU: 55189,29894
UPPERCASE MENU TEXT: ENGINEERING MAIN MENU

NAME: ENMM MGR
MENU TEXT: Nonexpendable Equipment Module (A&MM)
TYPE: menu
CREATOR: 187
DESCRIPTION: Top level menu option for Personal Property Management using AEMS/MERS (Automated Engineering Management System and Medical Equipment Reporting System).
ITEM: ENNMEE
SYNONYM: 1
ITEM: ENMMREP
SYNONYM: 2
ITEM: ENMMBC
SYNONYM: 3
ITEM: ENMM UTIL
SYNONYM: 4
TIMESTAMP: 55586,57347
UPPERCASE MENU TEXT: NONEXPENDABLE EQUIPMENT MODULE

NAME: ENMM UTIL
MENU TEXT: NX (Nonexpendable Equipment) Utilities
TYPE: menu
CREATOR: 187
DESCRIPTION: Includes options used to maintain ancillary files that are necessary for Personal Property Management under AEMS/MERS.
ITEM: ENCMR
SYNONYM: 1
ITEM: ENCSN
SYNONYM: 2
TIMESTAMP: 55586,57343
UPPERCASE MENU TEXT: NX (NONEXPENDABLE EQUIPMENT) U
Exported Options

NAME: ENMMBC
MENU TEXT: Bar Code Features (NX Equipment)
TYPE: menu CREATOR: 187
DESCRIPTION: Collection of options designed for use in bar coding nonexpendable equipment and in using bar code to maintain CMR inventories.
ITEM: ENBCLBLEE SYNONYM: 1
ITEM: ENBCLBLSP SYNONYM: 2
ITEM: ENBCNXDNLSD SYNONYM: 3
ITEM: ENBCUPLD SYNONYM: 4
ITEM: ENBCNXRES SYNONYM: 5
ITEM: ENBCNXCMR SYNONYM: 6
TIMESTAMP: 55586,57344
UPPERCASE MENU TEXT: BAR CODE FEATURES (NX EQUIPMENT)

NAME: ENMMEE
MENU TEXT: Equipment Enter/Edit (NX)
TYPE: menu CREATOR: 187
DESCRIPTION: Collection of options for entering data into the AEMS/MERS Equipment file.
ITEM: ENINVNEW SYNONYM: 1
ITEM: ENINV EDIT SYNONYM: 2
ITEM: ENINVINV SYNONYM: 3
ITEM: ENIN-ENTER-MULTI SYNONYM: 4
ITEM: ENBCNXMAN SYNONYM: 5
TIMESTAMP: 55586,57346
UPPERCASE MENU TEXT: EQUIPMENT ENTER/EDIT (NX)

NAME: ENMMREP
MENU TEXT: Equipment Management Reports (NX)
TYPE: menu CREATOR: 187
DESCRIPTION: Collection of AEMS/MERS outputs that are thought to be of interest to the Property Management Section of A&MM.
ITEM: ENIN-HIST-SPECIFIC SYNONYM: 1
ITEM: ENEQINV1 SYNONYM: 2
ITEM: ENEQ-WARRANTY SYNONYM: 3
ITEM: ENEQ-REPLACE SYNONYM: 4
ITEM: ENEQINV3 SYNONYM: 5
ITEM: ENEQINV4 SYNONYM: 6
ITEM: ENEQINV6 SYNONYM: 7
TIMESTAMP: 55586,57345
UPPERCASE MENU TEXT: EQUIPMENT MANAGEMENT REPORTS

NAME: ENPLM01
MENU TEXT: Project Planning
TYPE: menu CREATOR: .5
DESCRIPTION: This is the root menu option for Project Planning module of construction, including selections for 5-Yr Plan and 1193 submission, and prioritization methodology for NRM, Minor, and Minor Miscellaneous projects.
ITEM: ENPLM02 SYNONYM: 1
ITEM: ENPLM05 SYNONYM: 2
ITEM: ENPLM09 SYNONYM: 3
ITEM: ENPLM18 SYNONYM: 4
ITEM: ENPLM12 SYNONYM: 5
ITEM: ENPLM13 SYNONYM: 7
ITEM: ENPLM16 SYNONYM: 6
ENTRY ACTION: W @IOF,!!?18,"PROJECT PLANNING OPTIONS",!!
TIMESTAMP: 55634,35082
UPPERCASE MENU TEXT: PROJECT PLANNING
Exported Options

NAME: ENPLM02
MENU TEXT: 5-Yr Plan Project E/E
TYPE: run routine
CREATOR: .5
DESCRIPTION: This option enables entry of information that appears on 5-Yr Plan for each project.
ROUTINE: ENT^ENPL4
UPPERCASE MENU TEXT: 5-YR PLAN PROJECT E/E

NAME: ENPLM03
MENU TEXT: Minor/Minor Misc Prioritization
TYPE: run routine
CREATOR: .5
DESCRIPTION: This option performs the Prioritization Methodology for Minor Design and Minor Miscellaneous projects and then prints report to screen or Scoring sheet on 80 column printer.
ROUTINE: A^ENPL3A
UPPERCASE MENU TEXT: MINOR/MINOR MISC PRIORITIZATION

NAME: ENPLM04
MENU TEXT: NRM Prioritization Scoring Sheet
TYPE: print
CREATOR: .5
DESCRIPTION: This option prints the NRM Prioritization Methodology Scoring sheet on terminal display or 80 column printer.
DIC {DIP}: ENG("PROJ", L.: 0
FLDS: [ENPLP003] BY: .01
DIS(0): I $D(^ENG("PROJ",D0,0)),$P(^0),U,6)="NR"
UPPERCASE MENU TEXT: NRM PRIORITIZATION SCORING SHEET

NAME: ENPLM05
MENU TEXT: Project Application E/E (VAF 10-1193)
TYPE: run routine
CREATOR: .5
DESCRIPTION: This option enables entering all information required for forms VAF 10-1193, VAF 10-1193a and prioritization methodology scoring sheets.
ROUTINE: ENT^ENPL2
UPPERCASE MENU TEXT: PROJECT APPLICATION E/E (VAF 1

NAME: ENPLM06
MENU TEXT: Project Application VAF 10-1193 (132 columns)
TYPE: run routine
CREATOR: .5
DESCRIPTION: This option prints the project application (VAF 10-1193 Rev. 12/92) on a 132 column printer. It is recommended that you queue the printing.
ROUTINE: ENPL10
UPPERCASE MENU TEXT: PROJECT APPLICATION VAF 10-119

NAME: ENPLM08
MENU TEXT: Environmental Analysis VAF 10-1193a (132 columns)
TYPE: run routine
CREATOR: .5
DESCRIPTION: This option prints the EMIS Construction Program Environmental Analysis form VAF 10-1193a on a 132 column printer.
ROUTINE: A^ENPL11
UPPERCASE MENU TEXT: ENVIRONMENTAL ANALYSIS VAF 10-

NAME: ENPLM09
MENU TEXT: Environmental Analysis E/E (VAF 10-1193a)
TYPE: run routine
CREATOR: .5
DESCRIPTION: This option enables entry of information which appears on VAF 10-1193a.
ROUTINE: ENT^ENPL6
UPPERCASE MENU TEXT: ENVIRONMENTAL ANALYSIS E/E (VA

NAME: ENPLM11
MENU TEXT: 5-Yr Plan Report (132 columns)
TYPE: run routine
CREATOR: .5
DESCRIPTION: This option prints the 5-Yr Plan, selecting items on the basis of Funding Year A/E, Funding Year Construction, Project Status and Five Year Plan Status fields.

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Exported Options

Routine: IN^ENPL5
Uppercase Menu Text: 5-Yr Plan Report (132 Columns)

Name: ENPLM12
Menu Text: Report/Print Menu
Type: menu
Creator: .5
Description: This is the print menu for the construction planning module.
Item: ENPLM03
Synonym: 1
Item: ENPLM04
Synonym: 2
Item: ENPLM06
Synonym: 3
Item: ENPLM08
Synonym: 4
Item: ENPLM11
Synonym: 5
Entry Action: W @IOF,!!?,18,"PROJECT PLANNING PRINT OPTIONS",!!
Timestamp: 55635,34946
Uppercase Menu Text: REPORT/PRINT MENU

Name: ENPLM13
Menu Text: Electronic Transmission Menu
Type: menu
Creator: .5
Lock: ENPLK003
Description: This menu contains options for electronic transmission of 5-Yr Plan and Project Application data elements.
Item: ENPLM14
Synonym: 1
Item: ENPLM15
Synonym: 2
Item: ENPLM17
Synonym: 3
Exit Action: W @IOF
Entry Action: W @IOF,!!?,18,"PROJECT TRANSMISSION OPTIONS",!!
Timestamp: 55614,37950
Uppercase Menu Text: ELECTRONIC TRANSMISSION MENU

Name: ENPLM14
Menu Text: Batch Transmit 5-Yr Plan Projects
Type: run routine
Creator: .5
Lock: ENPLK003
Description: This option prompts the user for the Station and Fiscal Year of the 5-Yr Plan and then creates the MailMan message to transmit the data for the 5-Yr Plan from the site to the higher approval authorities.
Exit Action: W @IOF
Routine: ENPL8
Uppercase Menu Text: BATCH TRANSMIT 5-YR PLAN PROJECT

Name: ENPLM15
Menu Text: Individual 5-Yr Plan Project Transmission
Type: run routine
Creator: .5
Lock: ENPLK003
Description: This option requests the project number and Fiscal Year of the 5-Yr Plan and then creates the MailMan message to send the project's data to the higher approval authorities.
Exit Action: W @IOF
Routine: ENPL8A
Uppercase Menu Text: INDIVIDUAL 5-YR PLAN PROJECT
Exported Options

NAME: ENPLM16
MENU TEXT: Approval of Project Application
TYPE: run routine CREATOR: .5
DESCRIPTION: This option controls the Chief Engineer's and VAMC Director's sign off on
the project application. The Security Key ENPLK001 controls the Chief Engineer's approval.
The Security Key ENPLK002 controls the VAMC Director's approval. The Chief Engineer must
sign off before the VAMC Director. Both must approve before the project application can be
transmitted electronically to higher approval authorities.
ROUTINE: ENPL9
UPPERCASE MENU TEXT: APPROVAL OF PROJECT APPLICATION

NAME: ENPLM17
MENU TEXT: Project Application Send
TYPE: run routine CREATOR: .5
LOCK: ENPLK003
DESCRIPTION: This option loads the data for a selected project into a MailMan message
and transmits the data to higher approval authorities.
EXIT ACTION: W @IOF ROUTINE: ENPL7
UPPERCASE MENU TEXT: PROJECT APPLICATION SEND

NAME: ENPLM18
MENU TEXT: Activations E/E
TYPE: run routine CREATOR: ENGUSER, ONE
DESCRIPTION: This option enables enter/edit of project activations information.
ROUTINE: ACT^ENPL2
UPPERCASE MENU TEXT: ACTIVATIONS E/E

NAME: ENPM
MENU TEXT: PM Parameters
TYPE: menu CREATOR: 187
DESCRIPTION: Contains options for enrolling devices and device types in the PMI program.
ITEM: ENPM1 SYNONYM: 1
ITEM: ENPM2 SYNONYM: 2
ITEM: ENPM3 SYNONYM: 3
ITEM: ENPM4 SYNONYM: 4
ITEM: ENPM5 SYNONYM: 5
ITEM: ENPM6 SYNONYM: 6
ENTRY ACTION: D HDR^ENEQPMP TIMESTAMP: 55586,57251
UPPERCASE MENU TEXT: PM PARAMETERS

NAME: ENPM1
MENU TEXT: Display Specific Device PM Schedule
TYPE: run routine CREATOR: 187
DESCRIPTION: Displays in a screen format the PM schedule of a specific device
(discrete entry in File 6914, EQUIPMENT INV.). Editing not allowed.
ROUTINE: PMSD^ENEQPMP1
UPPERCASE MENU TEXT: DISPLAY SPECIFIC DEVICE PM SCH

NAME: ENPM10
MENU TEXT: Delete PM Work Orders
TYPE: run routine CREATOR: 187
DESCRIPTION: Intended to enable you to delete PM work orders in order to conserve
disk space. Deletion of PM work orders via this option will not remove an existing
record of the PMI from the equipment history. Deletion of any work order via the
EDIT WORK ORDER option WILL remove the corresponding entry from the equipment
history. If you intend to record PMI's in the equipment history, you should not
delete PM work orders until after they have been recorded.
ROUTINE: DEL^ENEQPMS4
UPPERCASE MENU TEXT: DELETE PM WORK ORDERS
Exported Options

NAME: ENPM2
MENU TEXT: Display Equipment Category PM Schedule
TYPE: run routine  CREATOR: 187
DESCRIPTION: Displays in screen format the PM schedule of a given device type (discrete entry in File 6911, DEVICE NAME). This is best thought of as the default PM schedule for all devices of the given type. No editing.
ROUTINE: DTD^ENEQPMP1
UPPERCASE MENU TEXT: DISPLAY EQUIPMENT CATEGORY PM

NAME: ENPM3
MENU TEXT: Print PM Procedure
TYPE: run routine  CREATOR: 187
DESCRIPTION: Print out the title and text (if stored) of a specified PM procedure.
ROUTINE: PROCD^ENEQPMP2
UPPERCASE MENU TEXT: PRINT PM PROCEDURE

NAME: ENPM4
MENU TEXT: Enter/Edit Specific Device PM Schedule
TYPE: run routine  CREATOR: 187
DESCRIPTION: Enter or change the PM schedule for a specified device (discrete entry in File 6914, EQUIPMENT INV.). This option will have no affect on other entries of the same device type.
ROUTINE: PMSE^ENEQPMP
UPPERCASE MENU TEXT: ENTER/EDIT SPECIFIC DEVICE PM

NAME: ENPM5
MENU TEXT: Enter/Edit Equipment Category PM Schedule
TYPE: run routine  CREATOR: 187
DESCRIPTION: Enter or change the PM schedule for a specified device type (such as DEFIBRILLATORS, GENERATORS-ELECTRICAL, etc.). A device type is formally defined as a discrete entry in the Equipment Category file. When a device type PM schedule is entered or changed, the user will be given the opportunity to apply the new schedule to all existing devices of the specified type.
ROUTINE: DTE^ENEQPMP1
UPPERCASE MENU TEXT: ENTER/EDIT EQUIPMENT CATEGORY

NAME: ENPM6
MENU TEXT: Enter/Edit PM Procedure
TYPE: run routine  CREATOR: 187
DESCRIPTION: Enter procedures to be followed in performing PMI's. The procedure identifier will be printed on PM worksheets as a reminder to the tech, and will become a part of the equipment history whenever a scheduled PMI is recorded. It is recommended that the full text of PM procedures be stored in this file if time and disk space permit.
ROUTINE: PROCE^ENEQPMP2
UPPERCASE MENU TEXT: ENTER/EDIT PM PROCEDURE

NAME: ENPM7
MENU TEXT: Monthly PM List
TYPE: run routine  CREATOR: 187
DESCRIPTION: Print PMI worksheet(s) for monthly PMI's. These worksheets will include scheduled ANNUAL, SEMI-ANNUAL, QUARTERLY, BI-MONTHLY, and MONTHLY PMI's.
ROUTINE: MNTH^ENEQPMS1
UPPERCASE MENU TEXT: MONTHLY PM LIST

NAME: ENPM8
MENU TEXT: Weekly PM List
TYPE: run routine  CREATOR: 187
DESCRIPTION: Print PMI worksheet(s) to include WEEKLY and BI-WEEKLY PMI's. You will be prompted for a week number (1 thru 5). BI-WEEKLY PMI's will appear on worksheets for weeks 1 and 3.
ROUTINE: WK^ENEQPMS1
UPPERCASE MENU TEXT: WEEKLY PM LIST

NAME: ENPMHOURS
MENU TEXT: Print PM Manhours
TYPE: print  CREATOR: ENGUSER, TVD
DESCRIPTION: Prints total manhours expended on preventive maintenance by shop and
by month for each technician. These manhours are automatically recorded when PM
work orders are closed out.
DIC {DIC}: DIC(6922, DIC(0): AEQM
DIC {DIP}: DIC(6922, L.: 0
FLDS: [EN PM HOURS] BY: [EN PM HOURS]
UPPERCASE MENU TEXT: PRINT PM MANHOURS

NAME: ENPMINSN
MENU TEXT: Engineering PM Clerk Main Menu
TYPE: menu CREATOR: 187
DESCRIPTION: This menu is set up for PM Inspector
ITEM: ENWO SYNONYM: 1
ITEM: ENINV SYNONYM: 2
EXIT ACTION: D EXIT^EN ENTRY ACTION: D INIT^EN,HDR^EN
TIMESTAMP: 55586,57263 TIMESTAMP OF PRIMARY MENU: 53501,40523
UPPERCASE MENU TEXT: ENGINEERING MAIN MENU

NAME: ENPMR
MENU TEXT: Record Equipment PMI
TYPE: menu CREATOR: 187
DESCRIPTION: Contains options to record PM inspections. This process essentially
closes a PM work order and posts the activity to the equipment
history.
ITEM: ENPMR1 SYNONYM: 1
ITEM: ENPMR2 SYNONYM: 2
ITEM: ENPMR3 SYNONYM: 3
ITEM: ENSA1 SYNONYM: 5
ITEM: ENPMRDEFRL SYNONYM: 6
ITEM: ENBCPM MGR SYNONYM: 4
ITEM: ENPMHOURS SYNONYM: 7
TIMESTAMP: 55595,60729
UPPERCASE MENU TEXT: RECORD EQUIPMENT PMI

NAME: ENPMR1
MENU TEXT: Close Out PM Work Orders
TYPE: run routine CREATOR: 187
DESCRIPTION: Close out a PM work list entry by entry. User is asked for a
complete specification of the first PM work order; after that the system assumes the
shop, month, and type (MONTHLY or WEEKLY) of work list.
ROUTINE: CO^ENEQPMR1
UPPERCASE MENU TEXT: CLOSE OUT PM WORK ORDERS

NAME: ENPMR2
MENU TEXT: Rapid Closeout of PM Work Orders
TYPE: run routine CREATOR: 187
DESCRIPTION: Closes an entire PM workload. User is prompted for any PM work
orders that are to be closed out individually. All work orders on the specified list
which are not closed out individually will be assigned a PM status of PASSED and
default values (if any) for time and materials. This option may take a while to run,
so the user is given the opportunity to free his terminal. Freeing the terminal
causes this option to begin to run immediately as a background job. This option may
slow the system noticeably and it may become desirable to assign this task a lower
priority than interactive jobs.
ROUTINE: RCO^ENEQPMR2
UPPERCASE MENU TEXT: RAPID CLOSEOUT OF PM WORK ORDE
Exported Options

NAME: ENPMR3  MENU TEXT: Record Single Device PMI
   TYPE: run routine  CREATOR: 187
   DESCRIPTION: May be used to record a PMI on any specified device, irregardless of
whether or not it is on an active PMI list. One use envisioned for this is recording
the results of 'area sweeps'. If the specified device is in the scheduled PMI
program and it appears that a PMI recorded via this option may make it desirable
to change the scheduled FREQUENCY or the STARTING MONTH, the user will be afforded
an opportunity to do so.
   ROUTINE: SDPM^ENEQPMR4
UPPERCASE MENU TEXT: RECORD SINGLE DEVICE PMI

NAME: ENPMRDIFRL  MENU TEXT: Rapid Deferral of PM Worklist
   TYPE: run routine  CREATOR: 187
   DESCRIPTION: Defers all entries on a user specified PM worklist. All work orders
on subject worklist are given a PM Status of DEFERRED and a close out date of TODAY.
Time and Materials are not posted. This option is intended to be run only if you
want to post DEFERRAL's of all open line items (PM work orders) on subject worklist
to Equipment Histories.
This option is not intended for use in cases where there is some expectation that
you may wish to otherwise close-out the PM worklist in question at some later date.
That is to say, once a scheduled preventive maintenance inspection task has been
recorded as DEFERRED it will be difficult to change it to PASSED.
   ROUTINE: ENEQPMR6
UPPERCASE MENU TEXT: RAPID DEFERRAL OF PM WORKLIST

NAME: ENPMS  MENU TEXT: Generate PM Schedule
   TYPE: menu  CREATOR: 187
   DESCRIPTION: Contains options for printing PMI work sheets and for deletion of PM
work orders.
   ITEM: ENPM7  SYNONYM: 1
   ITEM: ENPM8  SYNONYM: 2
   ITEM: ENPM10  SYNONYM: 3
   ENTRY ACTION: D HDR^ENEQPMS  TIMESTAMP: 55586,57294
UPPERCASE MENU TEXT: GENERATE PM SCHEDULE

NAME: ENPORT  MENU TEXT: Engineering Computer Port
   TYPE: run routine  CREATOR: 187
   DESCRIPTION: Used to specify those ports on the Engineering system that are
suitable for output of hard-copy reports.
   ROUTINE: PORT^ENMAN
UPPERCASE MENU TEXT: ENGINEERING COMPUTER PORT

NAME: ENPREL  MENU TEXT: Preliminary Data Screen
   TYPE: run routine  CREATOR: 187
   DESCRIPTION: Enter/edit the most fundamental elements of a delegated construction
project.
   ROUTINE: PROJ3^ENPROJ
UPPERCASE MENU TEXT: PRELIMINARY DATA SCREEN
Exported Options

NAME: ENPROJ
MENU TEXT: Project Tracking
TYPE: menu
CREATOR: 187
DESCRIPTION: Main driver option for Construction Project module.
ITEM: ENPROJXMIT
SYNONYM: 12
ITEM: ENPROJ TKR
SYNONYM: 1
ITEM: ENSCREEN
SYNONYM: 2
ITEM: ENPREL
SYNONYM: 3
ITEM: ENAPPROV
SYNONYM: 4
ITEM: ENREV
SYNONYM: 5
ITEM: ENACTUAL
SYNONYM: 6
ITEM: ENAE
SYNONYM: 7
ITEM: ENCHANGES
SYNONYM: 9
ITEM: ENPROJSTAT
SYNONYM: 10
ITEM: ENPROJ10
SYNONYM: 11
ITEM: ENCONTR
SYNONYM: 8
ENTRY ACTION: D HDR^ENPROJ
TIMESTAMP: 55612,51281
UPPERCASE MENU TEXT: PROJECT TRACKING

NAME: ENPROJ TKR
MENU TEXT: Enter Project Data
TYPE: run routine
CREATOR: 187
DESCRIPTION: Enter/edit of construction project tracking data in line by line
FileMan format.
ROUTINE: PROJ^ENPROJ
UPPERCASE MENU TEXT: ENTER PROJECT DATA

NAME: ENPROJ10
MENU TEXT: Print All Project Status Reports
TYPE: run routine
CREATOR: 187
DESCRIPTION: Print hardcopy 10-0051 of all construction projects for which the
MONTHLY PRINT-OUT field is set to 'YES'.
ROUTINE: ALL^ENPRP
UPPERCASE MENU TEXT: PRINT ALL PROJECT STATUS REPOR

NAME: ENPROJSTAT
MENU TEXT: Print Project Status Report
TYPE: run routine
CREATOR: 187
DESCRIPTION: Generate hardcopy 10-0051 for a specific construction project.
ROUTINE: SINGLE^ENPRP
UPPERCASE MENU TEXT: PRINT PROJECT STATUS REPORT

NAME: ENPROJXMIT
MENU TEXT: Transmit 10-0051 Electronically
TYPE: run routine
CREATOR: 187
DESCRIPTION: Packs 10-0051's into Network MailMan messages and routes them to the
Office of Facilities in VACO.
ROUTINE: ENPROJ7
UPPERCASE MENU TEXT: TRANSMIT 10-0051 ELECTRONICALLY

NAME: ENREV
MENU TEXT: Revised Dates Screen Edit
TYPE: run routine
CREATOR: 187
DESCRIPTION: Enter/edit revised dates (if any) of project milestones. These dates
must be exact (month-day-year) and should reflect any discrepancies between
original schedule and current best estimates.
ROUTINE: PROJ5^ENPROJ
UPPERCASE MENU TEXT: REVISED DATES SCREEN EDIT
Exported Options

NAME: ENSA1
MENU TEXT: Upload Data from MedTester
TYPE: run routine
CREATOR: 187
DESCRIPTION: Reads data from MedTester (Electrical Safety Analyzer manufactured by Dynatech Nevada, Inc.) and posts electrical safety inspections to Equipment Histories.
ROUTINE: EN^ENSA
UPPERCASE MENU TEXT: UPLOAD DATA FROM MEDTESTER

NAME: ENSCREEN
MENU TEXT: Screen Review All Data
TYPE: run routine
CREATOR: 187
DESCRIPTION: Enter/edit construction project data using a screen server.
ROUTINE: PROJ2^ENPROJ
UPPERCASE MENU TEXT: SCREEN REVIEW ALL DATA

NAME: ENSEC
MENU TEXT: Engineering Secretary Main Menu
TYPE: menu
CREATOR: 187
DESCRIPTION: This menu is used by the Engineering secretaries. Most sites will probably want to add selected IFCAP options to this 'menu' item.
ITEM: ENPROJ SYNONYM: 1
ITEM: ENEUSER1 SYNONYM: 2
ITEM: ENSP SYNONYM: 3
EXIT ACTION: D EXIT^EN
ENTRY ACTION: D INIT^EN,HDR^EN
TIMESTAMP: 55630,56164
TIMESTAMP OF PRIMARY MENU: 53512,52393
UPPERCASE MENU TEXT: ENGINEERING MAIN MENU

NAME: ENSECFORM
MENU TEXT: Engineering Foreman Main Menu
TYPE: menu
CREATOR: 187
DESCRIPTION: This Menu is set up for the Section Foreman.
ITEM: ENWO SYNONYM: 1
ITEM: ENINV SYNONYM: 2
EXIT ACTION: D EXIT^EN
ENTRY ACTION: D INIT^EN,HDR^EN
TIMESTAMP: 55586,57263
TIMESTAMP OF PRIMARY MENU: 53501,40523
UPPERCASE MENU TEXT: ENGINEERING MAIN MENU

NAME: ENSECTION
MENU TEXT: Section List
TYPE: run routine
CREATOR: 187
DESCRIPTION: Editing of the engineering section file.
ROUTINE: SEC^ENMAN
UPPERCASE MENU TEXT: SECTION LIST

NAME: ENSITE
MENU TEXT: ENG SITE PARAMETERS Enter/Edit
TYPE: edit
CREATOR: 187
DESCRIPTION: Used to set up the Engineering Site parameters. Certain entries in this file are mandatory if a site intends to transmit 10-0051's (Construction Project Tracking Reports) electronically and/or allow computerized entry of work requests non-Engineering personnel.
DIC {DIC}: DIC(6910), DIC(0): AEMQ
DIE: DIC(6910), DR {DIE}: 1:99
UPPERCASE MENU TEXT: ENG SITE PARAMETERS ENTER/EDIT
Exported Options

NAME: ENSP

MENU TEXT: Space/Facility Management

TYPE: menu

CREATOR: .5

DESCRIPTION: Main driver option for Engineering Facility Management package.

ITEM: ENSP1

SYNONYM: 1

ITEM: ENSP2

SYNONYM: 2

ITEM: ENSP-TL

SYNONYM: 4

ITEM: ENSP3

SYNONYM: 3

ITEM: ENSP-LEASE

SYNONYM: 5

ITEM: ENSP-PLAN

SYNONYM: 6

ENTRY ACTION: D HDR^ENSP

TIMESTAMP: 55630,56224

TIMESTAMP OF PRIMARY MENU: 54540,68963

UPPERCASE MENU TEXT: SPACE/FACILITY MANAGEMENT

NAME: ENSP-137-AMIS

MENU TEXT: Building Management RCS 10-203, VAF 10-6007a

TYPE: run routine

CREATOR: .5

DESCRIPTION: Generates a square footage report in the AMIS format needed by Building Management.

ROUTINE: PR137^ENSP

UPPERCASE MENU TEXT: BUILDING MANAGEMENT RCS 10-203

NAME: ENSP-LEASE

MENU TEXT: Leased Space Options

TYPE: menu

CREATOR: .5

DESCRIPTION: Driver for leased space data entry and printing.

ITEM: ENSP-LEASE1

SYNONYM: 1

ITEM: ENSP-LEASE2

SYNONYM: 2

ITEM: ENSP-LEASE3

SYNONYM: 3

TIMESTAMP: 55630,56773

UPPERCASE MENU TEXT: LEASED SPACE OPTIONS

NAME: ENSP-LEASE1

MENU TEXT: Enter/Edit All Lease Fields (BUILDING FILE)

TYPE: run routine

CREATOR: .5

DESCRIPTION: Maintain information on leased space.

ROUTINE: L^ENSP6

UPPERCASE MENU TEXT: ENTER/EDIT ALL LEASE FIELDS (BUILDING FILE)

NAME: ENSP-LEASE2

MENU TEXT: Enter/Edit Lease Vendor (BUILDING FILE)

TYPE: run routine

CREATOR: .5

DESCRIPTION: Edits name and address of lessor.

ROUTINE: VEN^ENSP6

UPPERCASE MENU TEXT: ENTER/EDIT LEASE VENDOR (BUILDING FILE)

NAME: ENSP-LEASE3

MENU TEXT: Print Leased Space Survey

TYPE: run routine

CREATOR: .5

DESCRIPTION: Prints the standard information on leased rooms.

ROUTINE: P^ENSP6

UPPERCASE MENU TEXT: PRINT LEASED SPACE SURVEY
Exported Options

**NAME: ENSP-PLAN**  
**MENU TEXT:** Planning Space Program Menu  
**TYPE:** menu  
**DESCRIPTION:** Menu for options to be used for entering space planning data for construction projects.

**ITEM: ENSPUTL3**  
**SYNONYM:** 1

**ITEM: ENSP-PLAN2**  
**SYNONYM:** 3

**ITEM: ENSP-PLAN1**  
**SYNONYM:** 2

**TIMESTAMP:** 55630,56230

**UPPERCASE MENU TEXT:** PLANNING SPACE PROGRAM MENU

**NAME: ENSP-PLAN1**  
**MENU TEXT:** Enter/Edit Room Planning Data  
**TYPE:** run routine  
**DESCRIPTION:** Option to edit only fields related to space planning criteria  
**ROUTINE:** EP^ENSP6  

**UPPERCASE MENU TEXT:** ENTER/EDIT ROOM PLANNING DATA

**NAME: ENSP-PLAN2**  
**MENU TEXT:** Print Building/Project Space Plan  
**TYPE:** run routine  
**DESCRIPTION:** Option to print planning data based on building and criteria chapter. Report is sorted by PROJECT NUMBER.  
**ROUTINE:** PP^ENSP6  

**UPPERCASE MENU TEXT:** PRINT BUILDING/PROJECT SPACE P

**NAME: ENSP**  
**MENU TEXT:** Space Management  
**TYPE:** menu  
**E ACTION PRESENT:** YES  
**DESCRIPTION:** Main driver option for Engineering Space Package.

**ITEM: ENSPROOM**  
**SYNONYM:** 1

**ITEM: ENSPROOMD**  
**SYNONYM:** 2

**ITEM: ENSP4**  
**SYNONYM:** 3

**ITEM: ENSP5**  
**SYNONYM:** 4

**ITEM: ENIT NON-SPACE FILE LOC RPT**  
**SYNONYM:** 5

**ENTRY ACTION:** D HDR^ENSP  
**TIMESTAMP:** 60933,35507  
**TIMESTAMP OF PRIMARY MENU:** 54540,68963

**UPPERCASE MENU TEXT:** SPACE MANAGEMENT

**NAME: ENSP144**  
**MENU TEXT:** RCS 10-0141 Report  
**TYPE:** run routine  
**DESCRIPTION:** Report to aid in preparing CDR data for Fiscal Service.  
**ROUTINE:** PR144^ENSP  

**UPPERCASE MENU TEXT:** RCS 10-0141 REPORT

**NAME: ENSP2**  
**MENU TEXT:** Key/Lock Management  
**TYPE:** menu  
**DESCRIPTION:** Main driver option for Engineering Lock/key management.

**ITEM: ENSPDEKEY**  
**SYNONYM:** 1

**ITEM: ENSPLOCK**  
**SYNONYM:** 2

**ITEM: ENSPPEMP**  
**SYNONYM:** 3

**ITEM: ENSPKKEY**  
**SYNONYM:** 4

**ITEM: ENSPSRV**  
**SYNONYM:** 5

**ENTRY ACTION:** D HDR^ENSP  
**ROUTINE:** PRFRS^ENSP  
**TIMESTAMP:** 55630,56222  
**TIMESTAMP OF PRIMARY MENU:** 54540,68963

**UPPERCASE MENU TEXT:** KEY/LOCK MANAGEMENT
NAME: ENSP3
MENU TEXT: Export Facility Management Data
TYPE: menu
CREATOR: .5
DESCRIPTION: These options will output several reports in a form suitable to capture in ASCII format to use in several popular MS-DOS PC spreadsheets for better analysis and graphic capability.
ITEM: ENSP3-SERVICE-NSF
      SYNONYM: 1
ITEM: ENSP3-FUNCTION-NSF
      SYNONYM: 2
ITEM: ENSP3-RCS10-0141
      SYNONYM: 3
TIMESTAMP: 55630,56191
UPPERCASE MENU TEXT: EXPORT FACILITY MANAGEMENT DATA

NAME: ENSP3-FUNCTION-NSF
MENU TEXT: Output Function/NSF Spreadsheet
TYPE: run routine
CREATOR: .5
DESCRIPTION: Output an ASCII file that can be captured via a smart terminal for use in a commercial spreadsheet.
ROUTINE: FUNC^ENSP5
TIMESTAMP: 55036,67259
UPPERCASE MENU TEXT: OUTPUT FUNCTION/NSF SPREADSHEET

NAME: ENSP3-RCS10-0141
MENU TEXT: Output RCS 10-0141 spreadsheet
TYPE: run routine
CREATOR: .5
DESCRIPTION: Output an ASCII file that can be captured via a smart terminal for use in a commercial spreadsheet.
ROUTINE: RCS^ENSP5
UPPERCASE MENU TEXT: OUTPUT RCS 10-0141 SPREADSHEET

NAME: ENSP3-SERVICE-NSF
MENU TEXT: Output Service/NSF spreadsheet
TYPE: run routine
CREATOR: .5
DESCRIPTION: Output an ASCII file that can be captured via a smart terminal for loading into a commercial spreadsheet product.
ROUTINE: SER^ENSP5
TIMESTAMP: 54942,75356
UPPERCASE MENU TEXT: OUTPUT SERVICE/NSF SPREADSHEET

NAME: ENSP4
MENU TEXT: Finish Replacement Schedules Report Menu
TYPE: menu
CREATOR: .5
DESCRIPTION: Driver option for printing scheduled replacement dates for room finishes.
ITEM: ENSPFRS1
      SYNONYM: 1
ITEM: ENSPFRS2
      SYNONYM: 2
ITEM: ENSPFRS3
      SYNONYM: 3
ITEM: ENSPFRS4
      SYNONYM: 4
ROUTINE: PRFRS^ENSP
TIMESTAMP: 55630,56208
UPPERCASE MENU TEXT: FINISH REPLACEMENT SCHEDULES R

NAME: ENSP5
MENU TEXT: Space Survey Report Menu
TYPE: menu
CREATOR: .5
DESCRIPTION: Driver option for Engineering Space Reports.
ITEM: ENSPRMRKY
      SYNONYM: 1
ITEM: ENSPRPM
      SYNONYM: 2
ITEM: ENSPSER
      SYNONYM: 3
ITEM: ENSPFUNC
      SYNONYM: 4
ITEM: ENSPBLDG
      SYNONYM: 5
ITEM: ENSP144
      SYNONYM: 6
ITEM: ENSP-137-AMIS
      SYNONYM: 7
TIMESTAMP: 55630,56220
UPPERCASE MENU TEXT: SPACE SURVEY REPORT MENU

NAME: ENSPBLDG
MENU TEXT: Building Space Survey
TYPE: run routine
CREATOR: .5
DESCRIPTION: Prints principal fields from Engineering Space file. Sorts first by building, then by room.
ROUTINE: PRBLDG^ENSP
UPPERCASE MENU TEXT: BUILDING SPACE SURVEY
Exported Options

NAME: ENSPEDKEY
MENU TEXT: Key Distribution by Employee Enter/Edit
TYPE: run routine CREATOR: .5
DESCRIPTION: Enter/edit list of door keys assigned to individual employees.
ROUTINE: EMKY^ENSP
UPPERCASE MENU TEXT: KEY DISTRIBUTION BY EMPLOYEE E

NAME: ENSPEMP
MENU TEXT: Print Key Distribution By Employee
TYPE: run routine CREATOR: .5
DESCRIPTION: Generates list of employees to whom door keys have been individually assigned. Information on keys assigned is provided.
ROUTINE: PREMP^ENSP
UPPERCASE MENU TEXT: PRINT KEY DISTRIBUTION BY EMPL

NAME: ENSPFRS1
MENU TEXT: Replacement Schedule for All Finishes
TYPE: run routine CREATOR: .5
DESCRIPTION: Generates list of scheduled replacement dates for walls, floors, and ceilings.
ROUTINE: FRS4^ENSP
UPPERCASE MENU TEXT: REPLACEMENT SCHEDULE FOR ALL F

NAME: ENSPFRS2
MENU TEXT: Ceiling Replacement Schedule
TYPE: run routine CREATOR: .5
DESCRIPTION: Generates list of scheduled ceiling replacements, by date.
ROUTINE: FRS1^ENSP
UPPERCASE MENU TEXT: CEILING REPLACEMENT SCHEDULE

NAME: ENSPFRS3
MENU TEXT: Wall Replacement Schedule
TYPE: run routine CREATOR: .5
DESCRIPTION: Generates list of scheduled wall replacements, by date.
ROUTINE: FRS2^ENSP
UPPERCASE MENU TEXT: WALL REPLACEMENT SCHEDULE

NAME: ENSPFRS4
MENU TEXT: Floor Replacement Schedule
TYPE: run routine CREATOR: .5
DESCRIPTION: Generates list of scheduled floor replacements, by date.
ROUTINE: FRS3^ENSP
UPPERCASE MENU TEXT: FLOOR REPLACEMENT SCHEDULE

NAME: ENSPFUNC
MENU TEXT: Function Space Survey
TYPE: run routine CREATOR: .5
DESCRIPTION: Generates list of rooms sorted by designated function.
ROUTINE: PRFUNC^ENSP
UPPERCASE MENU TEXT: FUNCTION SPACE SURVEY
Exported Options

NAME: ENSPKEY
MENU TEXT: Print Employee List sorted by Key
TYPE: run routine CREATOR: .5
DESCRIPTION: Prints list of all employees (if any) who have been issued door keys within a user-specified range of keys.
ROUTINE: PRKEY^ENSP
UPPERCASE MENU TEXT: PRINT EMPLOYEE LIST SORTED BY

NAME: ENSPLOCK
MENU TEXT: Lock Number File Enter/Edit
TYPE: run routine CREATOR: .5
DESCRIPTION: Enter/edit information on door locks, by control number.
ROUTINE: KLOCK^ENSP
UPPERCASE MENU TEXT: LOCK NUMBER FILE ENTER/EDIT

NAME: ENSPRM
MENU TEXT: Space Survey by Room
TYPE: run routine CREATOR: .5
DESCRIPTION: Generates print-out of space data sorted by room number.
ROUTINE: PRRM^ENSP
UPPERCASE MENU TEXT: SPACE SURVEY BY ROOM

NAME: ENSPRMKY
MENU TEXT: Room/Keying/Function Report
TYPE: run routine CREATOR: .5
DESCRIPTION: Room listing with keys that open room.
ROUTINE: INIT^ENSP1
UPPERCASE MENU TEXT: ROOM/KEYING/FUNCTION REPORT

NAME: ENSPROOM
MENU TEXT: Enter New Room Space Data
TYPE: run routine CREATOR: .5
DESCRIPTION: Enter/edit of space data for any selected room using standard FileMan functionality.
ROUTINE: SP^ENSP
UPPERCASE MENU TEXT: ENTER NEW ROOM SPACE DATA

NAME: ENSPROOMD
MENU TEXT: Display/Edit Room Data
TYPE: run routine CREATOR: .5
DESCRIPTION: Enter/edit space data using a screen server.
ROUTINE: ENT^ENSP2
UPPERCASE MENU TEXT: DISPLAY/EDIT ROOM DATA

NAME: ENSPSER
MENU TEXT: Service Space Survey
TYPE: run routine CREATOR: .5
DESCRIPTION: Generates listing of space data sorted by owning service. Allows full listing or a summary of square foot figures only.
ROUTINE: PRSER^ENSP
UPPERCASE MENU TEXT: SERVICE SPACE SURVEY

NAME: ENSPSRV
MENU TEXT: Print Employee List by Service
TYPE: run routine CREATOR: .5
DESCRIPTION: List employees and keys in order by service, page break on each service. For review, by Service, of key holders
ROUTINE: PRSRV^ENSP
UPPERCASE MENU TEXT: PRINT EMPLOYEE LIST BY SERVICE
Exported Options

NAME: ENSPUTL
MENU TEXT: Facility Management Utilities
TYPE: menu
CREATOR: .5
DESCRIPTION: Used to edit files associated with the facility mgmt package and other utilities for the package

ITEM: ENSPUTL1
SYNONYM: 1
ITEM: ENSPUTL2
SYNONYM: 2
ITEM: ENSPUTL-CLEAN
SYNONYM: 3
ITEM: ENSPUTL3
SYNONYM: 4
ITEM: ENSPUTL4
SYNONYM: 5
TIMESTAMP: 55630,56231
UPPERCASE MENU TEXT: FACILITY MANAGEMENT UTILITIES

NAME: ENSPUTL-CLEAN
MENU TEXT: Remove Dangling Pointers in LOCK file
TYPE: run routine
CREATOR: .5
DESCRIPTION: Deletion of an employee name in the EMPLOYEE(KEYS) file 6926 sometimes leaves dangling pointers in the ISSUED TO field of the LOCKS file 6927. This can be cleaned up safely with this option. Run anytime necessary.
ROUTINE: EM^ENSP4
UPPERCASE MENU TEXT: REMOVE DANGLING POINTERS IN LO

NAME: ENSPUTL1
MENU TEXT: Edit Space Functions file
TYPE: run routine
CREATOR: .5
DESCRIPTION: Allows editing of the function file pointed to by the Space file
ROUTINE: FUNC^ENSP
UPPERCASE MENU TEXT: EDIT SPACE FUNCTIONS FILE

NAME: ENSPUTL2
MENU TEXT: Edit Space Utilities file
TYPE: run routine
CREATOR: .5
DESCRIPTION: Allows editing of the Utilities file pointed to by the Space file
ROUTINE: UTL^ENSP
UPPERCASE MENU TEXT: EDIT SPACE UTILITIES FILE

NAME: ENSPUTL3
MENU TEXT: Building File Enter/Edit
TYPE: edit
CREATOR: .5
DESCRIPTION: Use this option to maintain the Eng Building file (#6928.3). The BUILDING (or BUILDING-DIVISION) portion of the ROOM NUMBER field of entries in the Eng Space file must match an entry in this Eng Building file.

Limited fields will be presented if the building ownership is listed as PLANNED.
DIC {DIC}: ENG(6928.3,
DIC(0): AEMQL
DIE: ENG(6928.3,
DR {DIE}: [ENSP-BLDG-P]
UPPERCASE MENU TEXT: BUILDING FILE ENTER/EDIT

NAME: ENSPUTL4
MENU TEXT: Print All Building Data
TYPE: print
CREATOR: .5
DESCRIPTION: Print all Building Data from ENG BUILDING file
DIC {DIP}: ENG(6928.3,
L: 0
FLDS: [CAPTIONED]
BD: REPORT OF ALL BUILDING DATA
UPPERCASE MENU TEXT: PRINT ALL BUILDING DATA
Exported Options

NAME: ENSWOPT
MENU TEXT: SOFTWARE OPTIONS Enter/Edit
TYPE: edit
CREATOR: 187
DESCRIPTION: Enables user to choose the manner in which selected AEMS/MERS features will operate at his/her site.
DIC (DIC): ENG(6910.2, DIC(0): AEMQ
DIE: ENG(6910.2, DR (DIE): [ENSWOPT]
UPPERCASE MENU TEXT: SOFTWARE OPTIONS ENTER/EDIT

NAME: ENWCLERK
MENU TEXT: Engineering Work Control Clerk
Main Menu
TYPE: menu
CREATOR: 187
DESCRIPTION: This Menu is set up for the Work Order Clerk
ITEM: ENWO
SYNONYM: 1
ITEM: DIUSER
SYNONYM: 2
EXIT ACTION: D EXIT<EN
ENTRY ACTION: D INIT<EN, HDR<EN
TIMESTAMP: 55586, 57261
TIMESTAMP OF PRIMARY MENU: 53501, 40523
UPPERCASE MENU TEXT: ENGINEERING MAIN MENU

NAME: ENWO
MENU TEXT: Work Order & MERS
TYPE: menu
CREATOR: 187
DESCRIPTION: Main driver for Work Order module.
ITEM: ENWONEW
SYNONYM: 1
ITEM: ENENT
SYNONYM: 2
ITEM: ENDSY
SYNONYM: 4
ITEM: ENENQHID
SYNONYM: 7
ITEM: ENWOCLOSE
SYNONYM: 3
ITEM: ENWO-STATUS-(XQ)
SYNONYM: 5
ITEM: ENWO-TRANSFER
SYNONYM: 6
ITEM: ENWO-DISAP
SYNONYM: 8
ITEM: ENWOREP
SYNONYM: 9
ITEM: ENPMHOURS
SYNONYM: 10
EXIT ACTION: K ENSHKEY
ENTRY ACTION: D HDR<ENWO
TIMESTAMP: 55613, 31493
UPPERCASE MENU TEXT: WORK ORDER & MERS

NAME: ENWOST-DPT
MENU TEXT: Incomplete W.O. Status by Owner/Department
TYPE: run routine
CREATOR: 187
DESCRIPTION: List of incomplete work requests by requesting service.
ROUTINE: O<ENWOST
UPPERCASE MENU TEXT: INCOMPLETE W.O. STATUS BY OWNE

NAME: ENWOST-EMP
MENU TEXT: Incomplete W.O. Status by Employee
TYPE: run routine
CREATOR: 187
DESCRIPTION: List of incomplete work requests by assigned technician. User is prompted to select the ENGINEERING EMPLOYEE of interest, from among those who belong to the chosen shop. If you simply press <RETURN> instead of selecting a technician, the system will then allow you to enter the word 'NOT' and thereby produce a list of incomplete work orders that are not assigned to anyone.
ROUTINE: E<ENWOST
UPPERCASE MENU TEXT: INCOMPLETE W.O. STATUS BY EMPL

NAME: ENWOST-LOC
MENU TEXT: Incomplete W.O. Status by Location
TYPE: run routine
CREATOR: 187
DESCRIPTION: List of incomplete work requests by location.
ROUTINE: L<ENWOST
UPPERCASE MENU TEXT: INCOMPLETE W.O. STATUS BY LOCA

NAME: ENWOST-SHOP
MENU TEXT: Incomplete W.O. Status by Shop
TYPE: run routine
CREATOR: 187
DESCRIPTION: List of incomplete work requests by assigned Engineering Section.
ROUTINE: S<ENWOST
UPPERCASE MENU TEXT: INCOMPLETE W.O. STATUS BY SHOP
Exported Options

NAME: ENWO-STATUS-(HC) MENU TEXT: Incomplete Work Order Status
TYPE: run routine CREATOR: 187
DESCRIPTION: Driver for Incomplete Work Order Status reports using hard code.
ROUTINE: ENWOST
UPPERCASE MENU TEXT: INCOMPLETE WORK ORDER STATUS

NAME: ENWO-STATUS-(XQ) MENU TEXT: Incomplete Work Order Status
TYPE: menu CREATOR: 187
DESCRIPTION: Driver for Incomplete Work Order Status reports using menu options.
ITEM: ENWO-STATS-EMP SYNONYM: 1
ITEM: ENWO-STATS-LOC SYNONYM: 2
ITEM: ENWO-STATS-SHOP SYNONYM: 3
ITEM: ENWO-STATS-DPT SYNONYM: 4
TIMESTAMP: 55586,57275
UPPERCASE MENU TEXT: INCOMPLETE WORK ORDER STATUS

NAME: ENWO-TRANSFER MENU TEXT: Transfer W.O. to Another Shop
TYPE: run routine CREATOR: 187
DESCRIPTION: Transfer an existing Work Request from one Engineering Section to another.
ROUTINE: TRANS^ENWONEW1
UPPERCASE MENU TEXT: TRANSFER W.O. TO ANOTHER SHOP

NAME: ENWOCLOSE MENU TEXT: Close Out Work Order
TYPE: run routine CREATOR: 187
DESCRIPTION: Close out an open work request. Entry of DATE COMPLETE removes a work order from the incomplete list.
ROUTINE: CLSOUT^ENWO1
UPPERCASE MENU TEXT: CLOSE OUT WORK ORDER

NAME: ENWODISAP MENU TEXT: Disapprove Work Order
TYPE: run routine CREATOR: 187
DESCRIPTION: Use this option to record disapproval action on a work request. It is anticipated that this option will be most useful at facilities which allow entry of work requests into AEMS/MERS by personnel outside of Engineering Service.
ROUTINE: DISAP^ENWO2
UPPERCASE MENU TEXT: DISAPPROVE WORK ORDER

NAME: ENWOEDIT-WARD MENU TEXT: Edit Electronic Work Order
TYPE: run routine CREATOR: 187
DESCRIPTION: Permits non-Engineering users to edit work requests which were input via the 'Electronic Work Order Request' option. Once work orders have been transferred by Engineering Service to a working shop they may no longer be edited via this option, but users may check their status.
ROUTINE: WRDEDT^ENWARD
UPPERCASE MENU TEXT: EDIT ELECTRONIC WORK ORDER
NAME: ENWONEW  MENU TEXT: Enter New Work Order
TYPE: run routine  CREATOR: 187
DESCRIPTION: Enter a new work request. Option requires knowledge of which shop
(Engineering Section) should receive the assignment.
ENTRY ACTION: D SSHOP^ENWO S:ENSHKEY'>0 XQUIT=""
ROUTINE: ENG^ENWONEW
UPPERCASE MENU TEXT: ENTER NEW WORK ORDER

NAME: ENWONEW-WARD  MENU TEXT: Request Electronic Work Order
TYPE: action  CREATOR: 187
DESCRIPTION: Entry of Engineering work requests by non-Engineering personnel.
Intent is to reduce volume of written work orders and to reduce telephone calls to
Engineering Work Control desk. Assumes that AEMS/MERS has been integrated with CORE
systems so that all DHCP users have access to the Engineering package.
ENTRY ACTION: S ENDR=$S($D(\^DIE("B","ENZWOWARD")):\"[ENZWOWARD]\",1:\"[ENWOWARD]\")
) D INIT^EN,WARD^ENWONEW
UPPERCASE MENU TEXT: REQUEST ELECTRONIC WORK ORDER

NAME: ENWOREP
MENU TEXT: Reprint Work Orders (All Shops)
TYPE: run routine  CREATOR: 187
DESCRIPTION: Reprints work orders entered within a user selected date range. The
'date portion' of the Work Order Number is used to determine when work orders are
entered. Work orders from all shops will be included. The intent of the option is
to give users a means of batch printing at the end of each day all work orders
entered during the day.
ROUTINE: ENWOREP
UPPERCASE MENU TEXT: REPRINT WORK ORDERS (ALL SHOPS)

NAME: ENWORK ACTION  MENU TEXT: Work Action
TYPE: edit  CREATOR: 187
DESCRIPTION: edit work action file
DIC (DIC): ENG(6920.1, DIC(0): "AEQM"
DIE: ENG(6920.1, DR {DIE}: 1
UPPERCASE MENU TEXT: WORK ACTION

NAME: ENWORK CTR  MENU TEXT: Work Center Code
TYPE: run routine  CREATOR: 187
DESCRIPTION: edit work center code
ROUTINE: WCC^ENMAN
UPPERCASE MENU TEXT: WORK CENTER CODE

NAME: ENWOST-WARD  MENU TEXT: Incomplete Work Orders (ELECT WO MODULE)
TYPE: run routine  CREATOR: 187
DESCRIPTION: Lists incomplete work orders. Will list by:
1. Person who originally entered work request, or
2. Service/Section, or
3. Location of work.
Developed in support of electronic work request module (ward work orders).
ROUTINE: SE^ENWARD
UPPERCASE MENU TEXT: INCOMPLETE WORK ORDERS (ELECT
Exported Options

NAME: ENWOSTATUS-WARD
MENU TEXT: Electronic Work Order Status Check
TYPE: run routine CREATOR: 187
DESCRIPTION: Enables users outside of Engineering Service to view the status of work orders, including those entered as Electronic Work Order Requests. This option does not allow any changes to be made to the work order record.
ROUTINE: WRDCK^ENWARD
UPPERCASE MENU TEXT: ELECTRONIC WORK ORDER STATUS C

NAME: ENWOWARD
MENU TEXT: Electronic Work Requests
TYPE: menu CREATOR: 187
DESCRIPTION: Main option for entry and status checking of Engineering work requests by DHCP users outside of Engineering Service.
ITEM: ENWEDIT-WARD SYNONYM: 2
ITEM: ENWONEW-WARD SYNONYM: 1
ITEM: ENWOSTATUS-WARD SYNONYM: 3
ITEM: ENWOST-WARD SYNONYM: 4
TIMESTAMP: 55586,57324
TIMESTAMP OF PRIMARY MENU: 53998,40903
UPPERCASE MENU TEXT: ELECTRONIC WORK REQUESTS
Cross-References

Cross-references can be retrieved using the List File Attributes option in FileMan. If further explanation is required, see the On-Line Documentation section in this Manual.
Cross References
File Diagram
File Diagram
Archiving/Purging Data

The Engineering Archive module presently services the Work Order and 2162 Accident Report files. It allows individual records to be stored on tape and then purged from the disk.

Pointers to external files are replaced by the equivalent text before records are saved to tape.

Data definitions are stored on the same tapes as the records themselves. The Recall option uses these data definitions to automatically construct a temporary file for the storage and display of archived records. VA FileMan may be used to print information from these temporary files. There is no provision for restoring archived records back into the production file from which they were extracted.

Find & Assemble Records
Searches the database to find the individual records to be archived, moves them to an archive global, and simultaneously purges them from the production file. The user is asked for record type, station number, and sort parameters. Records may be archived for an entire fiscal year, or a specific quarter. Completed work orders may be archived by shop (all shops, one shop, or all shops but one). Since this function actually purges data from disk, you may wish to backup your system before executing "Find and Assemble Records".

Archive & Verify Records
Moves a collection of records (archive set) from the archive global to tape. This function should be executed immediately after "Find and Assemble Records".

Delete Archive Global
Kills the archive global, which may be thought of as a temporary storage area. The archive global holds records in the process of being archived, as well as records that have been recalled from an archive tape for inspection via VA FileMan. "Delete Archive Global" should be executed after "Archive and Verify" and after "Recall Archive Global" (once the recalled records have been inspected and/or printed).

Recall Archive Global
Restores records from an archive tape into the archive global, where they may be examined via VA FileMan. The user may recall an entire tape or search a tape for a specific record.

Review Activity Log
Displays a chronological listing of everything that has been done with a given archive set.
Archiving/Purging Data
Callable Routines

There are two supported entry points in the Engineering package.

**PO^ENLIB2**

This entry point may be called to populate selected data elements in the Equipment file using information obtainable from the purchase order. These data elements are FUND CONTROL POINT, COST CENTER, SUBACCOUNT, VENDOR, SERVICE, and SOURCE CODE.

There are two required variables.

- **X** must contain the purchase order number
- **DA** must contain the equipment entry number (IEN)

**ACCX^ENLIB2**

This entry point may be called to update the STATUS of a Work Order based on information contained in an associated Control Point Activity Transaction.

There is one required variable.

- **X** must contain the internal entry number (IEN) of the work order to be updated
Callable Routines
External Relations

Version 7.0 of Engineering requires these versions (or later) of the following DHCP CORE packages:

- VA Kernel Version 6.5;
- VA FileMan Version 18.0; and
- VA MailMan Version 3.1

There is an integration agreement between Engineering and IFCAP.

1. IFCAP and Engineering may share the Barcode Program file (446.4), Engineering has permission to distribute this file, but IFCAP has control over it.

2. Entry of an Engineering work order in the SORT GROUP field of the Control Point Activity file will automatically update the work order STATUS. This is accomplished via a call to entry point ACCX^ENLIB2.

3. Entry of a Control Point Activity Transaction in the PARTS ORDERED field of the Work Order file will enable users to view (but not to edit) the Control Point Activity from the Engineering Work Order module. This is accomplished via a call to entry point ^PRCSP13.
Internal Relations

All bottom-level menu options in the Engineering package are independent and can stand alone.
Internal Relations
Package-Wide Variables

The SACC has approved ENLO, ENHI and ENSHKEY as package-wide variables.

1 STANDARD SECTION: 4B Package-wide variables
   DATE GRANTED: SEP 21,1989
   ENLO, ENHI, and ENSHKEY are package-wide variables for use in the Engineering package.

2 STANDARD SECTION: 5D1 Line format, 1st line
   DATE GRANTED: OCT 11,1989
   Engineering routines that contain data definitions used in package specific archiving may have first line tags that differ from the routine name. These routines are automatically renamed by routine ENARG1 prior to their actual use and are in compliance with the SACC at that time.
Package-Wide Variables
On-Line Documentation

It is recommended that you print the Engineering package data dictionaries immediately after you load the software. This is done through the VA FileMan option "List File Attributes". The file range for the Engineering package is 6910 - 6929, inclusive; and files 7330 - 7339.9. You may specify a Standard or Brief Data Dictionary as your needs require.

The first part of each Data Dictionary (in a Standard listing) is a list of other files that point to Medicine file fields. The second part is a listing of the Cross-references for that file and a brief description of its purpose.

To learn more about the options for the Engineering package, one may either print a more detailed option list (including things such as entry/exit actions, Menu type, etc.) or D ^XUP, select XUMAINT, and then select a specific option.

Using on-line documentation is the best way to obtain the most current information available. Further information for generating On-line documentation is provided in the Kernel documentation. This can be obtained either from your IRM or your local ISC.
On-line Documentation
Glossary

ALD - Abbreviation for appropriation, limitation, department.

CMR - Consolidated Memorandum of Receipt. The basic instrument by which accountability for capital equipment is recorded.

Configuration - A particular selection of hardware and software resources that are tailored to provide optimum usage of ADP systems. This includes the type of CPU, type and number of disk drives, type and number of terminals, amount of main storage and so on.

Criticality - An index used by the package to rank the importance of performing preventive maintenance inspections on a particular device.

DHCP - Decentralized Hospital Computer Program - The name of the effort to install computer systems in the Veterans Administration Department of Medicine and Surgery's hospitals.

FileManager - Also known as VA FileMan. A set of MUMPS routines used to enter, maintain, access and manipulate related data in a file. It is the basic system used by all VA applications in creating files.

Information Systems Center (ISC) - One of the VA's seven regional offices for the management and development of application software. The ISCs are also responsible for providing support to field sites and for training personnel.

IRL - Interactive Reader Language. Proprietary language used by the Intermec line of portable bar code readers.

IT – Information Technology.

MailMan - An electronic mail, teleconferencing, and networking system which is an integral part of the Kernel.

MUMPS - Massachusetts General Hospital Utility Multi-Programming System. This is the computer language used by all VA DHCP applications.
Glossary

NXRN# - A sequential number assigned by centralized CMR Management System in Austin.

Service Pointer - The functional entity (generally a service) within the facility that uses the device.

Site Configurable - A term used to refer to features in the system which can be tailored according to the needs of particular sites.