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Intergraph Workstation User's Guide

for

Joint Engineering Data Management Information and Control System (JEDMICS)

Release 2.5.2

Contract Number N66032-89-D-0003

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Preface

The *Intergraph Workstation User's Guide* is intended as a general reference document for workstation users of the Joint Engineering Data Management Information and Control System (JEDMICS). This user's guide covers fundamental JEDMICS operations such as logging on and changing passwords, and provides detailed descriptions of workstation functions such as retrieving, editing, grouping, exporting, and printing JEDMICS images and index data.

Intended Audience

This guide is intended for JEDMICS users and trainers who are working on an Intergraph workstation that has been certified or licensed to run the JEDMICS DICW/EGDW application software. It is assumed that readers of this guide have a basic understanding of how computers operate and know how to use a mouse to select or execute functions and activate windows.

Using This Guide

This user's guide is organized into sections to help you locate information and instructions. A brief description of each section and the information it contains follows. This guide also contains three reference features to help you find information: a Table of Contents and a List of Figures at the front of the guide, and an Index at the back of the guide.

Preface
Provides general information about this user's guide, including its purpose, the intended audience, other related user documentation, and typographic conventions used throughout the guide.

Section 1. System Overview
Presents a summary overview of how JEDMICS works. It briefly describes each of the six functional subsystems in terms of their purpose and the hardware components that accomplish that purpose.

Section 2. Getting Started
Contains instructions for logging on to and off the JEDMICS workstation, and presents general information that is useful to know before you start using your workstation, such as changing your password and receiving broadcast messages.

Section 3. Using Drawing Data Retrieval
Describes the Drawing Data Retrieval functions of JEDMICS and contains detailed instructions for executing those functions. Drawing Data Retrieval functions include retrieving permanently stored index records and images and the Drawing Map and Repository Data Research Tool applications.

Section 4. Using Pending Data Retrieval
Describes the Pending Data Retrieval functions of JEDMICS and contains detailed instructions for executing those functions. Pending Data Retrieval functions include reserving pending images for quality assurance, modifying or correcting pending images and index data, and releasing pending images for permanent storage. Also included are instructions for bringing images into pending storage using workstation file import.

Section 5. Using Job Queue Utility
Provides instructions for using the Job Queue Utility to browse, cancel, suspend, resume, requeue, or see detailed information for output requests that have been sent to JEDMICS output devices.

Section 6. TISCA Bidset Requests
Provides procedures for using the Technical Information Storage and Control Application (TISCA) Bidset Requests functions on a workstation.

Appendix A.—JEDMICS Field Descriptions
Contains an alphabetical listing of all data fields encountered when using a workstation and a brief description of each field and its contents.

Appendix B.—Glossary of Terms
Presents a comprehensive list of terms and acronyms used throughout this user's guide, with a brief definition of each.

JEDMICS User Documentation Set

The documentation set for JEDMICS Release 2.5.2 consists of the following five documents:

- *Input (Scan) Subsystem User's Guide*
- *Data Integrity Control Workstation/Engineering Graphics Display Workstation User's Guide*
- *Intergraph® Workstation User's Guide*
- *Graphics Display Workstation User's Guide*
- *System Administrator's Guide for the SGI Challenge/IRIX™ Host*

The *Output Subsystem User's Guide* for Release 2.5 is still correct and is not being re-issued.

You may find it useful to refer to these documents to find additional information about a specific procedure or device not documented in this user's guide.

In addition, a *Software Installation Guide* documenting the scripts and procedures for installing JEDMICS software on all JEDMICS devices is provided to the site system administrator at the time of installation.

Related User Documentation

- *Productivity Edge™ Viewer User's Guide*
- *Productivity Edge Editor User's Guide*

Typographic Conventions

Certain typographic conventions are used in this guide to help you locate and understand the information.

Typeface	Meaning
Times New Roman bold	A command in bold style means either to select an action when using the mouse or to type the actual letters when using the keyboard. For example: Select **C2-Edit**.
Times New Roman italic	Italics indicate the name of a specific file or directory, or the title of a manual. For example: *edmics/bin*, *Graphics Display Workstation User's Guide*.
`Courier New`	Courier designates a field name as it is displayed on a screen, for example, `Dwg Num`, or a system-produced message or response, for example, `Image Exported.`
UPPER CASE	Abbreviations, acronyms, and keyboard keys are shown in upper case. For example: DICW (Data Integrity Control Workstation); ENTER.
parentheses ( )	Used in figure captions and body text to show the mode, or operating state, of the program, for example, (QRY) or (ADD_MENU). The mode is shown below the status line in the lower left corner of the screen.

This document also includes highlighted information in the form of notes, tips, cautions, and warnings. They are as follows:

NOTE: Indicates a piece of supplemental or background information. May also indicate a case where site customization could cause the documentation examples to differ from what is displayed on a specific user system.

TIP: Indicates a shortcut or advanced technique.

CAUTION: Indicates a possible non-catastrophic hazard, i.e., an error could occur that would not cause loss of data or interruption of system availability.

WARNING: Indicates a possible catastrophic hazard that could cause loss of data or interruption of system availability.

Keyboard Conventions

In addition to the standard letter, number, and character keys on your workstation keyboard, this user's guide refers to special purpose keys, such as ENTER, CTRL, TAB, or the RIGHT and LEFT ARROW. Keyboard keys are displayed in ALL CAPITAL LETTERS to distinguish them from surrounding text.

A plus (+) sign between key names means to hold down the first key while you press the second. For example, "Press CTRL+C8" means to hold down the CTRL key while you press the C8 key, then release both keys.

A comma (,) between key names means to press and release each key in sequence. For example, "Press ALT, H" means to press and release the ALT key, then press and release the H key.

JEDMICS text entries are generally not case sensitive. However, if you are working at a UNIX or system-level prompt, your keyboard entries are case-sensitive. Enter these commands and text entries exactly as they are shown in this guide.

A right angle bracket (>) between a menu name and a menu item/command means to select the menu, and then choose the command. For example, File>Open.

Function Keys

The Intergraph workstation employs function keys to perform many of the activities within the scope of the JEDMICS application. These are referred to as "C" keys; for example, **C2-Save** and **C10-Cancel**. These keys serve the same function as their "F" key counterparts on other JEDMICS workstations. If you encounter an "F" key reference in this guide or displayed on a JEDMICS screen, you should assume it is a typographical oversite.

Documentation Feedback

One of the ways to continually improve the JEDMICS user documentation is by getting feedback from you, the user. If you have a suggestion for improving the layout or content of this guide, or if you have identified an error or inconsistency, please fill out and return one of the JEDMICS documentation feedback reports at the back of this manual. Your reports will be tracked and addressed as part of the ongoing development and improvement of JEDMICS documentation. Your time and attention are appreciated.

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1. System Overview

JEDMICS functionality is derived through its hardware devices and application software products. By choosing different types and quantities of workstations, printers, scanners, and optical storage, the system can be sized and tailored to meet a site's specific requirements. The following summary describes the JEDMICS functional subsystems and the hardware components that provide the JEDMICS functionality of input, quality assurance, storage, retrieval, and output.

JEDMICS is divided into six functional subsystems:

- Data Integrity Subsystem
- Index Subsystem
- Input Subsystem
- Optical Storage Subsystem
- Output Subsystem
- Remote Facilities Subsystem

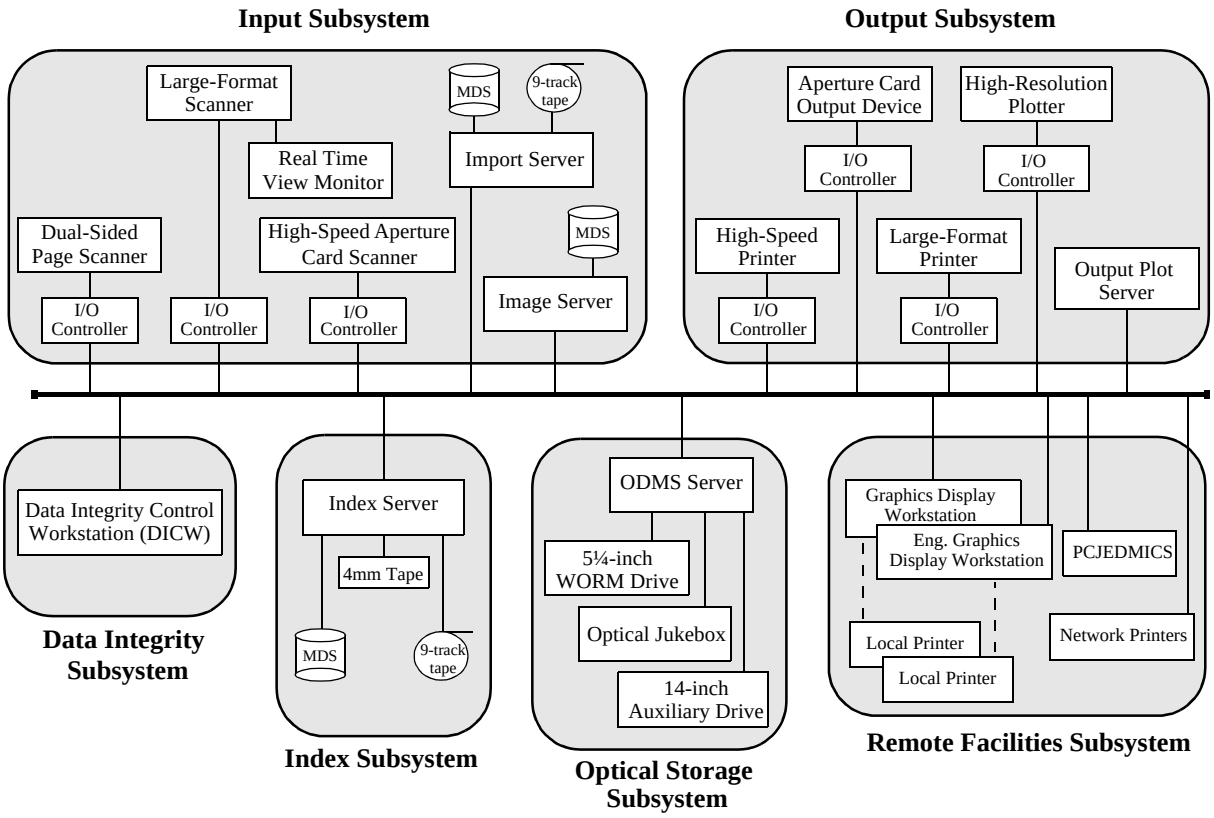

Figure 1.—JEDMICS System Overview

The JEDMICS subsystem devices are linked through the site's appropriately configured local area network (LAN).

The Input Subsystem enables the input or import of images and index data into JEDMICS using one of the scanning devices or by importing digital files. For sites whose repository and future input data is stored on aperture cards, the centerpiece of the Input Subsystem is the high-speed aperture card scanner (HSACS) that provides the capability to scan in aperture cards at rates up to 600 cards per hour depending on drawing sizes, resolution rates, and associated scan procedures. Both the images and the Hollerith data are retrieved from the aperture cards. Scanned images are stored in pending disk storage on the Image Server, while Hollerith data is converted to index data and stored on the Index Server.

If a site's aperture cards have been punched in a unique dialect, a dialect study is recommended to ensure the complete and accurate capture of all Hollerith data. Otherwise, dialect inconsistencies can be addressed manually during input and/or quality assurance procedures.

A site can add two additional types of scanning devices: a large-format scanner (LFS) capable of scanning up to J-size hardcopy images and a dual-sided page scanner (DSPS) for high-speed input (up to 350 pages per hour) of 8½-inch by 11-inch hardcopy images.

If a site has Continuous Acquisition Life-cycle Support (CALS)-compliant digitally-stored data, it can be imported directly into JEDMICS using various import utilities. JEDMICS can import data from MIL-STD-1840 format 9-track magnetic tape, fast uploading drawing data from optical platters generated by certified third-party sources, and directly importing optical platters created by another JEDMICS system. The generic input service (GIS) utility is a set of programs that permits the direct insertion of data lists (DLs) and associated image data into JEDMICS. The GIS utility provides a simple mechanism for the migration of legacy data from systems such as DSREDS and EDCARS into JEDMICS. The generic output service (GOS) and batch output server (BOS) are software utilities that facilitate the export and exchange of index data, images, and repository data set structures between JEDMICS sites.

Scanned images are temporarily stored on magnetic disk to permit a quality assurance review prior to permanent storage on optical media. This quality assurance review occurs within the Data Integrity Subsystem. Using a Drawing Integrity Control Workstation (DICW) or Engineering Graphics Display Workstation (EGDW), a quality assurance operator can retrieve pending images and index data to verify completeness and correctness, and make necessary modifications. The number of images and index data that undergo quality assurance, and the level of quality assurance that each undergoes, is determined by the individual site and its operating procedures.

The Index Subsystem is a database server in a client-server architecture. It provides for the control and management of data through Government-purchased application software and an ORACLE Relational Database Management System (RDBMS).

The RDBMS stores the index information and allows for the establishment of relationships without changing the data structure.

In addition, the RDBMS stores the location of each image by optical storage device, volume ID, platter side, and sector, and provides the infrastructure for JEDMICS to create a complete engineering data management environment. The Index Subsystem also provides application software to support data tracking, security, and communication interfaces with other sites.

The Optical Storage Subsystem writes to and retrieves images and other digital data from optical platters. The actual storage devices of this subsystem are based on the site-specific requirements for the number of images to be stored, database size, and the amount of temporary/pending storage required. The largest optical storage device integrated into the JEDMICS suite is the Kodak Automated Disk Library (ADL) jukebox. The Kodak ADL jukebox can store more than a terabyte of data (more than six million images).

JEDMICS has integrated several other optical storage devices to supplement or substitute for the Kodak ADL jukebox. They include a Kodak 560e jukebox, an auxiliary stand-alone 14-inch optical disk drive, and a 5¼-inch write-once-read-many (WORM) optical disk drive.

The Output Subsystem provides a variety of output devices and media options for JEDMICS. The types and numbers of output devices at a site are based on that site's requirements for engineering data output. Output functions include aperture card plotting, high-resolution plotting, large-format printing, high-speed printing, and queuing output to record onto compact disk (CD). Queuing and trafficking of output requests are controlled by the Index Server, the Image Server or the Optical Storage Subsystem Server, and the Input/Output (I/O) controller for each output device. The I/O controllers decompress the images for output. An Output Plot Server supports the printing of application-specific reports for tape import and Technical Information Storage and Control Application (TISCA), and is also used for the conversion of Initial Graphic Exchange Specification (IGES) files to raster files for output on JEDMICS devices. The Output Plot Server can also be configured with a CD-Recordable Output device and commercial off-the-shelf (COTS) CD-Recordable mastering software. This enables JEDMICS image files that have been sent to the appropriate directory to be output to CD.

The Remote Facilities Subsystem provides end-user access to images and index data using two different workstation platforms. The Graphics Display Workstation (GDW) is an MS-DOS workstation that allows users to retrieve and edit index data, and view and output images. The Engineering Graphics Display Workstation (EDGW) is a UNIX-based workstation that allows users to retrieve and edit index data, and view, edit, and output images. Any GDW or EGDW user with the appropriate permissions can import images at a workstation. Also available for accessing JEDMICS images and data by means of a workstation is PCJEDMICS.

Developed by a third-party, PCJEDMICS includes a windows-based graphical user interface and accesses JEDMICS through the Application Programmer Interface (API).

If a site requires distributed output capabilities, the Remote Facilities Subsystem can include any of the JEDMICS output devices. The type and number of workstations and output devices that comprise a site’s Remote Facilities Subsystem will be determined by that site’s requirements for viewing, modifying, and outputting index data and images.

2. Getting Started

The following paragraphs present instructions on how to log on to and log off JEDMICS. They also present general information about workstation operation that is helpful to know before you actually start using your workstation.

2.1 Logging On to JEDMICS

Before attempting to log on to JEDMICS, ensure that the workstation and monitor are powered ON.

a. Begin at the workstation logon window.

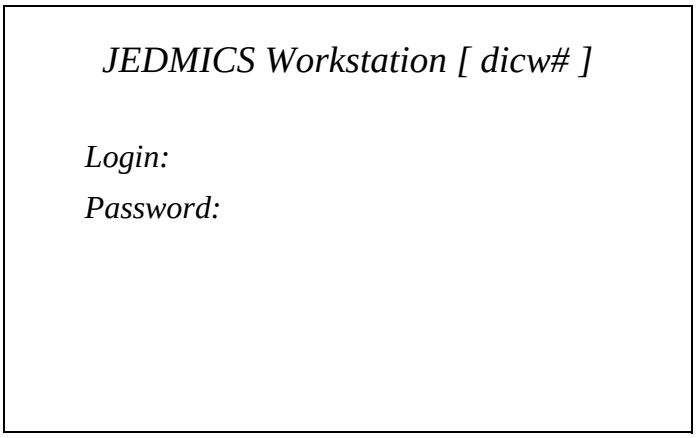

Figure 2.—Workstation Logon Window

b. Enter your login name and password, and press **Enter**.

This starts JEDMICS and accesses the JEDMICS logon screen.

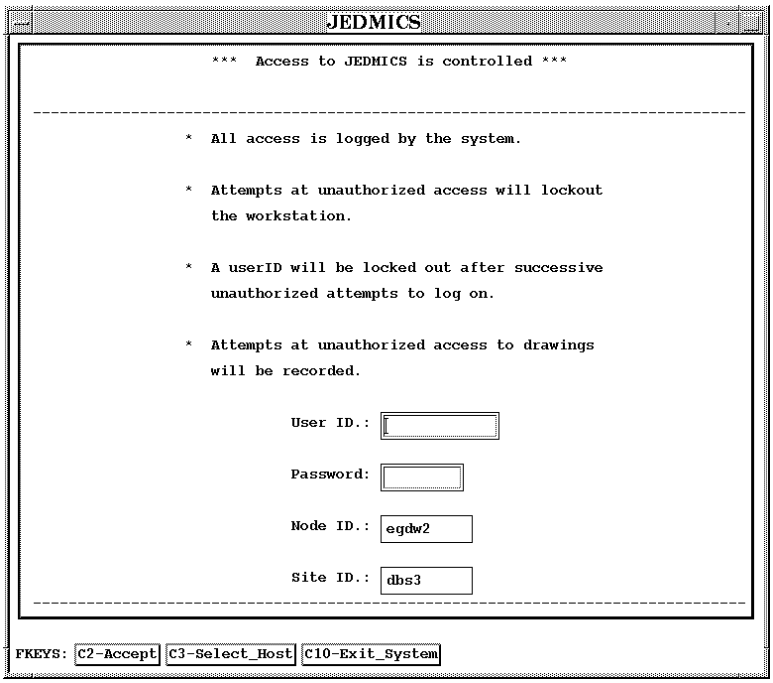

Figure 3.—JEDMICS Logon Screen

c. Enter your user ID and password, and select **C2-Accept**.

The host nodename displays in the `Site ID` field. If you need to select a different host, press the C3-Select_Host function key. This accesses the Node Selection (BROWSE) screen. Place the cursor in the left selection box for the desired host and press C3-Accept. You return to the JEDMICS logon screen. Press C2-Accept to proceed.

The system verifies that

- the user name and password are valid,
- the user has not been locked out,
- the device being used is valid and available,
- the device has not been locked out, and
- the security level is valid for the device being used,

and displays an unauthorized access warning message. Press any key to acknowledge the message and continue.

The JEDMICS Main Menu screen displays:

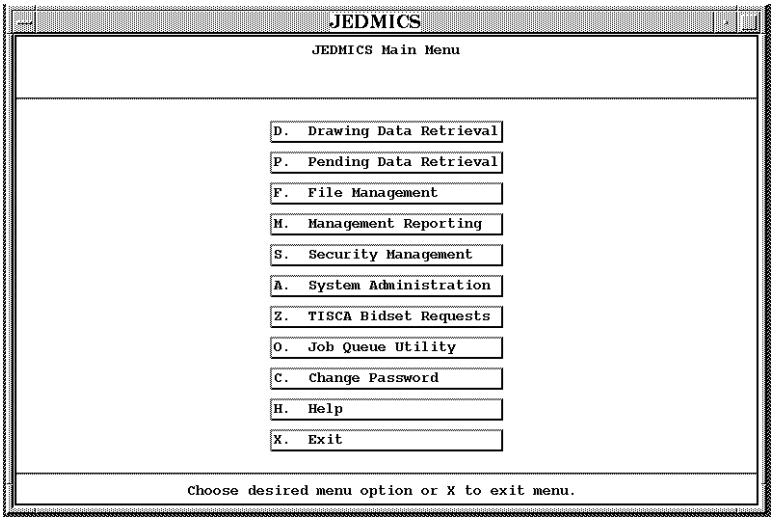

Figure 4.—JEDMICS Main Menu Screen

Once initial log on is complete and you have accessed the JEDMICS Main Menu, you will be at the starting point for using the various features within the system.

As a workstation user, you will be predominantly using the image and index retrieval features of JEDMICS. It is helpful to know there are two types of images you can retrieve: images stored permanently in the JEDMICS system, and images in pending storage that require quality assurance work before they can be stored permanently. If you want to retrieve permanently stored images, select the **Drawing Data Retrieval** option. If you want to retrieve images stored in the pending files, select **Pending Data Retrieval**.

It is also important to know that index data and images are assigned rights and restrictions based on their content. Rights are basically Limited or Unlimited. Restrictions include Security, Foreign Secure, Nuclear Content, and Safety/Submarine. Any user can retrieve the index data for a Limited Rights record, but only a user with Limited Rights access permission can view or plot the associated image. If you attempt to view or plot an image that you do not have access permission for, the system displays a message stating that the image has restricted rights. Any index record with Security, Foreign Secure, Nuclear Content, or Safety/Submarine restrictions set can be retrieved only by a user with the appropriate permissions. If you do not have the appropriate permissions, the restricted index record is not accessible.

d. Use one of the following methods to select the menu option of the JEDMICS function you want to execute:

   Use the left mouse button to click the option.

   OR

   Use TAB or SHIFT+TAB to highlight the menu option, then press the spacebar.

   OR

   Use the UP and DOWN ARROW keys to highlight the menu option, then press the spacebar.

   OR

   Type the letter that corresponds to the menu option and press the spacebar.

The menu options available to you on the JEDMICS Main Menu are determined by your user class and device permissions. The screens depicted in this user’s guide may include menu options that are not available to you.

2.2 Logging Off JEDMICS

When you are through using JEDMICS, you must log off the workstation. This closes out the work you have done and protects the integrity of your user ID and password by preventing other users from following behind you and using your account.

a. Return to the JEDMICS Main Menu screen.

b. Select **Exit**.

This logs you off JEDMICS and returns you to the initial logon screen. From here you may either close the logon window or re-enter JEDMICS by entering your user ID and password.

2.3 Understanding the JEDMICS Screen

All JEDMICS screens have certain elements in common. Becoming familiar with these elements and knowing their names will help you use this documentation and work on the system.

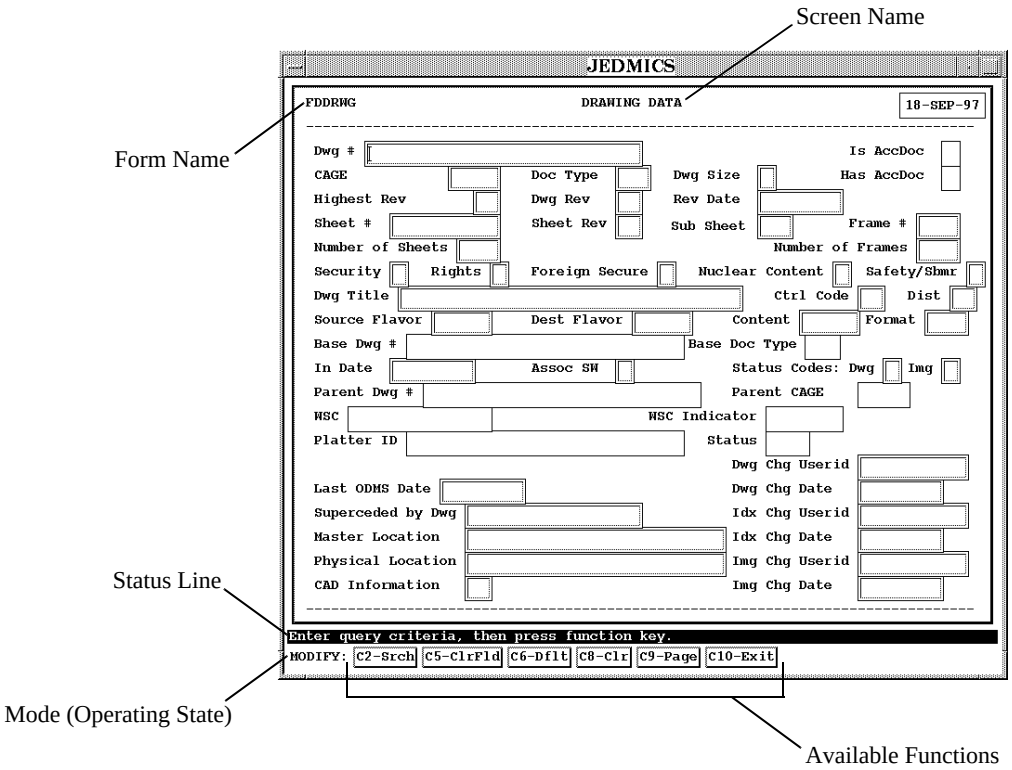

Figure 5.—JEDMICS Screen Elements

Screen Name	The screen name is the broadest way of referring to a particular screen. This documentation often gives a screen name modified by the mode name (see explanation of mode).
Form Name	The form name is used to identify a particular screen. Workstation users will not usually need to refer to the form name, and can for the most part ignore it.
Status Line	The system uses this line to display very abbreviated instructions that tell you how to proceed at a particular screen or in a particular field. This line is also used to display abbreviated messages about what the system is doing (that is, the system's status).

Mode (Operating State)

Many JEDMICS screens allow you to perform multiple tasks. For each of these tasks, the screen has a particular operating state, or mode. In order to process a user's instructions and perform a task properly, the screen must be in the correct mode. The mode name is displayed in the lower-left corner.

For example, the Drawing Data screen has multiple modes, each of which lets you perform a particular task or group of functions. The mode changes as follows:

- To search for, retrieve, and modify index records for permanently stored images, select Retrieve/Modify Index Records & Images from the Drawing Data Retrieval menu. This pulls up the Drawing Data screen, which is in the MODIFY mode. After a drawing record has been retrieved, the screen is in the MFY mode. Before you can view, edit, plot, or export the record, you must first switch the screen to the RQST mode.
- To search for, retrieve, and view permanently stored index records and images, select Retrieve Index Records from the Drawing Data Retrieval menu. This pulls up the Drawing Data screen in the QRY mode. After you search for and retrieve a record, you must switch the screen to the RQST mode before you can view, plot, or export the record

With each mode, the fields on the screen remain the same, so it may look like the screen hasn't changed. However, the mode name at the bottom of the screen has changed, and so have the available functions that are displayed.

Available Functions

Each screen or screen mode gives you access to a group of functions that let you perform the tasks associated with that screen or mode. The available functions are shown at the bottom of the screen. To select a function, use your mouse to click the function key that's shown on the screen, or press the actual function key on your keyboard.

Throughout this guide, screens are often referred to simultaneously by their name and mode. For example, an instruction might read "Begin from the Drawing Map (SELECT) screen." This means the same thing as "Begin from the Drawing Map screen when it's in the SELECT mode."

2.4 Moving Around the Screen and Entering or Erasing Data

There are certain keys that you should or should not use when moving around the screen and entering or erasing data in the fields, as follows:

Moving Around

- To move from field to field when you're entering data, always use the TAB and SHIFT+TAB keys; do not use the mouse or the ENTER or RETURN key. Certain data-entry fields need to be zero-filled and justified. If you use the mouse, this does not occur; however, if you use TAB and SHIFT+TAB, fields get zero-filled and justified as necessary.
- To move the cursor up and down on lists displayed on the screen, use either the TAB and SHIFT+TAB keys or the UP and DOWN ARROW keys.

Entering Data

- JEDMICS text entries are generally not case-sensitive. However, commands and text entered at a UNIX or system-level prompt are case-sensitive. Type these commands and text entries exactly as they are shown in this guide.
- Do not use the NUM LOCK key.
- Do not use the CAPS LOCK key.
- Do not use the single quote character or apostrophe ('), the percent character (%), or the underscore character (_) when you are editing or adding index data. You can still use the percent (%) and underscore (_) characters, with at least one significant character, to search the JEDMICS database.

Erasing Data

Unlike MS Windows-based workstations, Intergraph workstations do not let you highlight the contents of a field and overwrite them. The contents of the field must be deleted before new data can be entered. To delete the contents, TAB to the field and use the **ClrFld** function key to delete the contents. If you are using the mouse to select the field, place the cursor at the end of the field, just beyond the contents, and use the BACKSPACE key to delete the field's contents.

2.5 Changing Your Password

Passwords are required as part of the JEDMICS logon process. Your initial password and password expiration date are assigned when the system administrator sets up your user account. You will be required to change your password when it expires, but you may also change your password for your own convenience. You will be prompted when your password needs to be changed.

a. Begin from the JEDMICS Main Menu.

b. Select **Change Password**.

This accesses the Password Generator/Update Form.

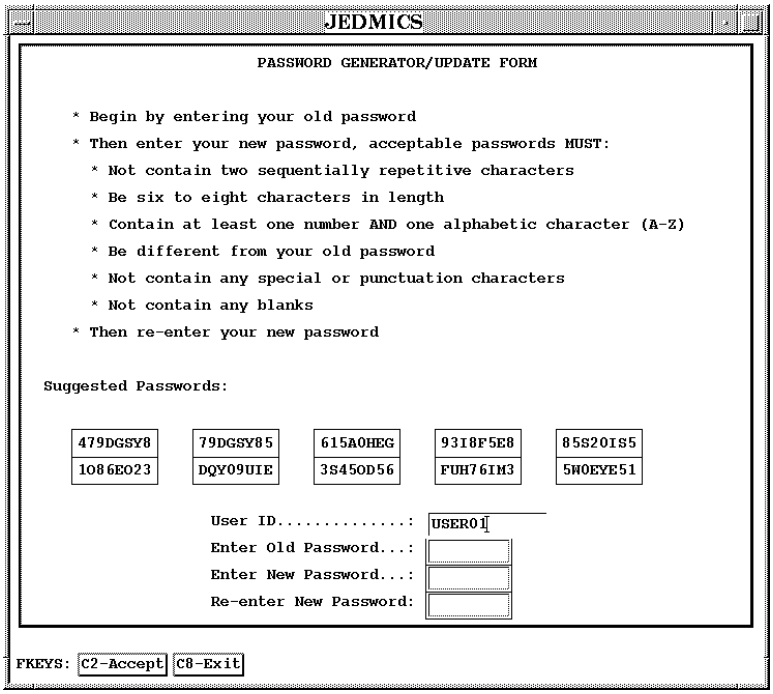

Figure 6.—Password Generator/Update Form

When you access the Password Generator/Update Form, the system suggests 10 randomly generated passwords. You may prefer to designate your own password, but it must conform to the password requirements displayed on the Password Generator/Update Form.

c. Enter your old password.

d. Enter your new password.

e. Re-enter your new password.

f. Select **C2-Accept**.

The system records your new password and returns you to the JEDMICS Main Menu.

2.6 Receiving Broadcast Messages

Occasionally, a broadcast message may display on your workstation. Broadcast messages inform users of the status of JEDMICS devices that may be offline or nonoperational, and allow the system administrator to pass along other information of interest to users. Only an authorized user at an authorized workstation can broadcast a message. Broadcast messages may be addressed to a specific workstation or to all workstations, but the message only displays on workstations that have a logged on user.

Broadcast messages display in a dialog box on your screen. More than one broadcast message can display at once, each appearing in a separate dialog box.

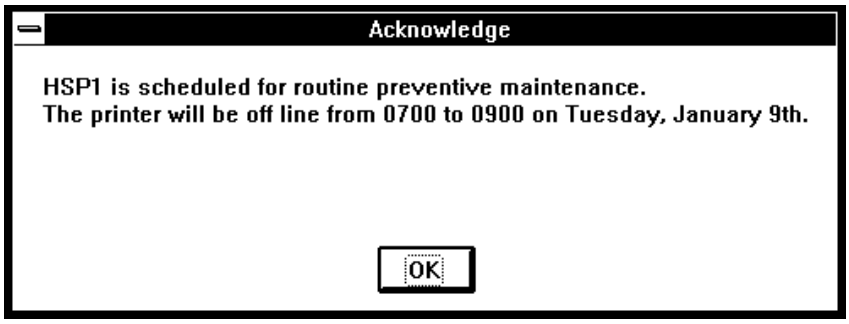

Figure 7.—Sample Broadcast Message Dialog Box

Broadcast messages do not conflict with or affect the availability of the active JEDMICS application on your workstation and remain displayed on your workstation until acknowledged.

To acknowledge the message, use the mouse to click OK or press ENTER. The dialog box closes when you acknowledge the message.

2.7 Deactivating the Screen Saver

JEDMICS has a screen-saver feature on the workstations. After a specified time of inactivity the screen saver displays. (This duration is determined by the system administrator with the MAX_IDLE_TIME environment variable.) To return to the JEDMICS function you were working on, press any key or any button on the mouse. A dialog box displays that identifies the logged on user and requests the user password. You have approximately 30 seconds to enter your password. After you successfully enter your password, you return to the function where the screen saver was activated.

2.8 Temporary Disk Space Required by the Editor

For the Productivity Edge Image Editor to operate reliably, there needs to be a sufficient amount of free space on your workstation to accommodate the temporary files generated by the Editor. The amount of free space required varies depending on the sizes of the images you will be looking at, how many images you plan to open at once, and the undo limit set on your workstation. If you don't have enough space for the Editor to write out the temporary files it needs, the Editor cannot save changes made to a drawing or continue to edit a drawing. It is recommended that 25 MB of disk space be available for temporary files.

To ensure that the Editor operates reliably, JEDMICS checks the amount of temporary space available on your workstation each time you attempt to load an image. If there is less than the recommended amount of temporary space, the following warning message displays:

```
Warning: only {# Mb} temp space available for PRC
Editor. {# Mb} temp space recommended for reliable
operation. Proceed?
```

If the warning message displays, it is recommended that you cancel the image load operation, exit all the way out of JEDMICS to clear out any temporary files, and then log on to JEDMICS. If you still do not have sufficient temporary space on your workstation, contact your system administrator for assistance in configuring or cleaning up your workstation.

To ensure that temporary files do not become overly large and that your workstation continues to have enough free space to accommodate them, you can do the following things:

(1) Keep the Undo Limit to a low number. The number of temporary files the Editor keeps in the *tmp* directory depends on the Undo Limit set. The Undo Limit default value is one. You can set the Undo Limit from the Options>Cleanup menu within the Editor. The maximum allowed is currently four, but it is recommended that the limit be kept at one or two.

(2) Save the image periodically. If the image you are editing is large and you have extensive edits to make, you may want to save those edits periodically instead of waiting until all edits have been made. You must reload the image to continue editing, but you can prevent the possibility of not being able to save any of the edits.

In the event that the Editor application terminates unexpectedly, contact your system administrator for assistance.

2.9 Defining Base and Accompanying Documents

JEDMICS Release 2.5.2 functionality permits users to attach accompanying documents to base drawings or documents stored in JEDMICS.

A base document consists of a drawing or document and all its relevant sheets or frames. Accompanying documents include technical information that may be required when referring to or using a base document. Cover sheets, disclaimer forms, order sheets, and other listings that relate to but are not part of the drawing are considered accompanying documents.

Known accompanying documents should be input into the system when base documents are loaded with a scanner, the direct import utility, or workstation file import. However, accompanying documents can be added later. Standard methods for inputting accompanying documents are included in the sections of this guide that discuss drawing input, including the Workstation File Import and Repository Data Research Tool sections.

There are a few things you need to remember when working with accompanying documents:

- An accompanying document must be scanned or input every time it is associated with a different base document or a different revision of a base document. There is a one-to-one relationship between an accompanying document and a base document and its (base) sheet revision.
- Accompanying documents can be accessed directly from the Drawing Data Retrieval and Drawing Map functions in JEDMICS. When you use the RDRT function, you must first access the base document and then you can access the accompanying document.

- Once an accompanying document is linked to a base document, the link will remain even if the base document is revised.
- Any action taken on the base document will automatically be taken on the accompanying document.
- If an accompanying document is not loaded into JEDMICS at the time the base document is input, it can be added later.
- If the base document does not exist in permanent storage in JEDMICS, the system creates a No Image On File (NIOF) placeholder for the base document so that you can migrate the accompanying document.
- Naming conventions for accompanying documents are the option of the user. The accompanying document is linked to the base document based on index information provided at input, not by its name.

3. Using Drawing Data Retrieval

Drawing Data Retrieval is the JEDMICS function that allows you to retrieve index data and images stored as permanent records and files in the system. Once you have retrieved index records, you can use the functions on the various screens to retrieve, view, print, and export the images related to the index records. If you have been granted modification privileges, you can also use the Drawing Data Retrieval functions to modify those permanent index records and images.

Drawing Data Retrieval also gives you access to two other functions that organize and group images and index data for viewing, modification, or output: Drawing Map and the Repository Data Research Tool. Drawing Map provides multiple-view features that are helpful for retrieving and viewing multiple-revision, multiple-sheet, and multiple-frame drawings. The Repository Data Research Tool enables you to combine a user-specified set of related JEDMICS images into groups, called repository data sets, that can be used for various engineering purposes.

a. From the JEDMICS Main Menu, select **Drawing Data Retrieval**.

   This accesses the Drawing Data Retrieval menu screen.

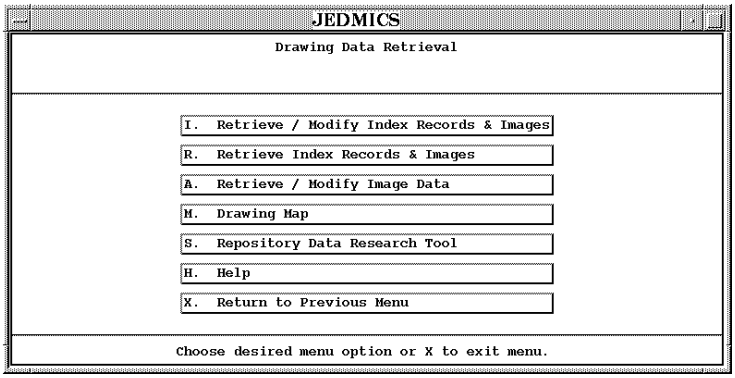

Figure 8.—Drawing Data Retrieval Menu Screen

b. Use one of the following methods to select the Drawing Data Retrieval option that you want to use:

   Use the left mouse button to click once on the option.

   OR

   Use TAB or SHIFT+TAB to highlight the menu option, then press the spacebar.

   OR

   Use the UP and DOWN ARROW keys to highlight the menu option, then press the spacebar.

OR

Type the letter that corresponds to the menu option and press the spacebar.

For detailed instructions on using any of the Drawing Data Retrieval options, refer to the appropriate paragraph within this section.

3.1 Retrieving and Modifying Index Records and Images

Every image stored in JEDMICS has an index record that uniquely identifies it. The Retrieve/Modify Index Records and Images function allows you to search for, retrieve, and modify the index records for images permanently stored in JEDMICS. Once you have retrieved index records, you can use the functions on the various screens to retrieve, view, print, and export the images related to those index records.

Permanently stored images can be modified after they are retrieved; however, that privilege is not allowed for every user. If you need to modify a permanently stored image, check with your system administrator regarding modification privileges.

Retrieving Index Records and Images

a. From the Drawing Data Retrieval menu select **Retrieve/Modify Index Records & Images**.

The empty Drawing Data (MODIFY) screen displays.

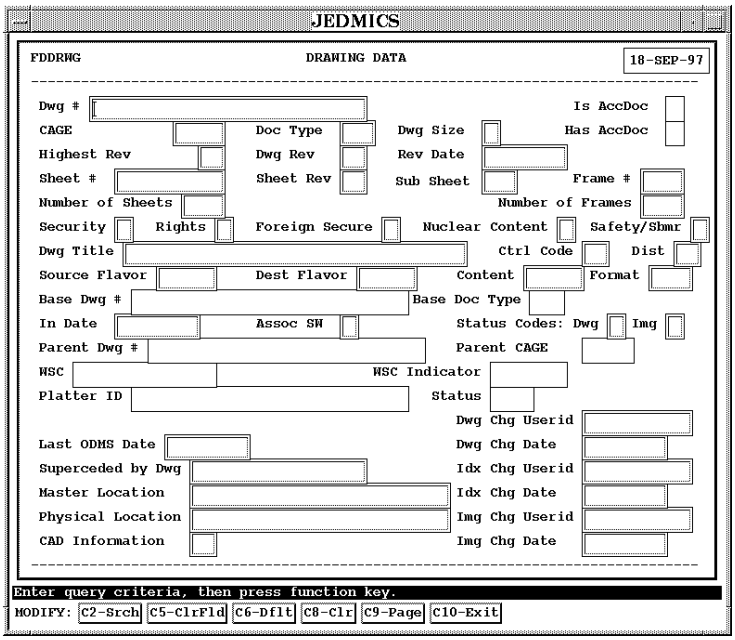

Figure 9.—Drawing Data (MODIFY) Screen

b. Enter the desired search criteria into the appropriate fields. The system will not permit a global query. At a minimum, you must enter at least one significant character in the `Drawing Number` field. All other fields are optional and cannot be used alone as search criteria.

When you enter search criteria, the system only recognizes complete information in any data field. However, you can use wildcard characters, with at least one significant character, to assist the search. A percent sign (%) represents multiple characters and the underscore (_) represents a single character.

Selecting the **C6-Dflt** function key provides default values in the following fields:

Field	Default Value
Security	N
Rights	U
Foreign Secure	N
Nuclear Content	N
Safety/Sbmr	N
Source Flavor	C4
Dest Flavor	C4
Format	RSTR

To clear fields of query data you have entered, use **C5-ClrFld** to clear one field and **C8-Clr** to clear all data fields.

c. Select **C2-Srch**. This retrieves and displays the first index record selected by your search criteria. The Drawing Data screen switches to the MFY mode. A sample screen follows.

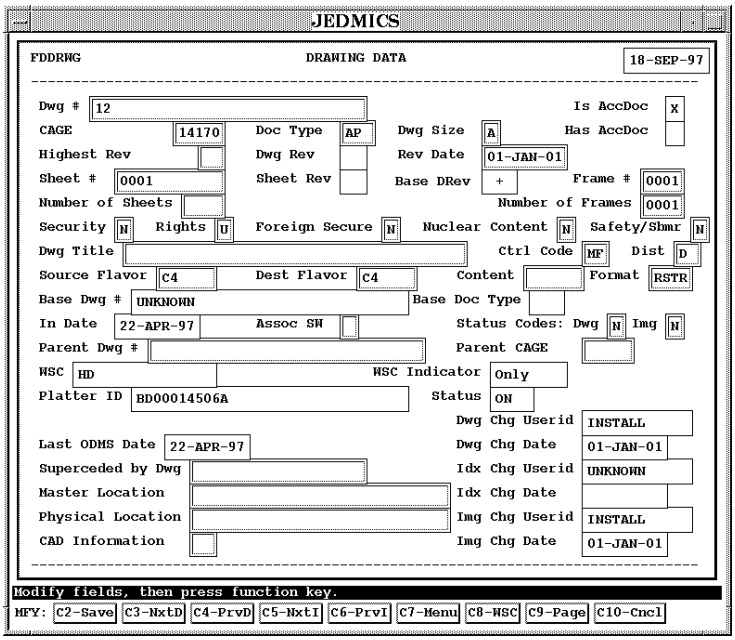

Figure 10.—Drawing Data (MFY) Screen

If the query results in no records being found, a `No Records Found` message displays on the status line and the query criteria remain on the screen to be modified or revised for a subsequent query.

Any index record with Security, Foreign Secure, Nuclear Content, or Safety/Submarine restrictions set can only be retrieved by a user with the appropriate permissions. If you do not have the appropriate permissions, any restricted index record will be invisible to you as a user.

If you are retrieving an accompanying document, you cannot edit the `Base DRev` field.

d. Use the following function keys to browse through the retrieved index records:

- C3-NxtD — pages to the next drawing index record
- C4-PrvD — pages to the previous drawing index record
- C5-NxtI — pages to the next image index record of the same drawing
- C6-PrvI — pages to the previous image index record of the same drawing
- C9-Page — displays an additional page of drawing data, as shown below. Use C9-Page to switch back and forth between the two screens.

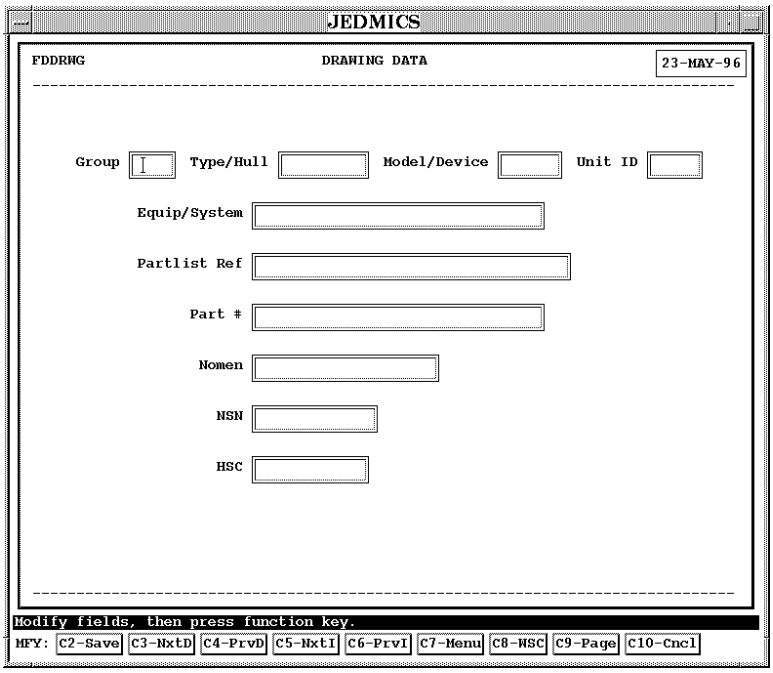

Figure 11.—Drawing Data (MFY) Screen [Page 2]

After locating the index record of the drawing (image) you are interested in, you can modify that index data, view or modify the Weapon System Code, view and edit the drawing, plot the drawing, or export a copy of the drawing to your workstation. Refer to the following paragraphs for instructions on accomplishing these functions.

Any user can retrieve the index data for a Limited Rights record, but only users with Limited Rights access permission can view or plot the associated image. If you attempt to view or plot an image for which you do not have access permission, the system will inform you that the image has restricted rights, and will not display or plot it.

Modifying Index Records

a. Begin from the Drawing Data (MFY) screen displaying the index record you want to modify.

b. Make desired changes to the data fields and ensure that a CAGE code has been entered.

Do not use the single quote character or apostrophe (’), the percent character (%), or the underscore character (_) when you are editing or adding index data. You can still use the percent (%) and underscore (_) characters, with at least one significant character, to search the JEDMICS database.

Values in the `Sheet #`, `Number of Sheets`, `Frame #`, and `Number of Frames` fields are not zero-filled if the previous field content is not first deleted.

Unlike MS Windows-based workstations, Intergraph workstations do not permit highlighting the contents of a field and overwriting. The contents of the field must first be deleted. To delete the contents, TAB to the field and use the ClrFld function key to delete the contents of the field. Or, if you are using the mouse to select the field, place the cursor at the end of the field just beyond the contents, and use the BACKSPACE key to delete the contents of the field.

c. Select **C2-Save** to save the modifications to the index record.

If you modified index data that relates to the entire drawing, the `Dwg Chg Userid` and `Dwg Chg Date` fields will be updated to reflect the date and user ID of the person who made the changes. Changes to sheet- or subsheet-specific index data will be reflected in the `Idx Chg Userid` and `Idx Chg Date` fields.

Viewing or Modifying Weapon System Codes

Begin from the Drawing Data (MFY) screen displaying the appropriate index record.

Select **C8-WSC**. This accesses the Weapon System Code (MODIFY) screen.

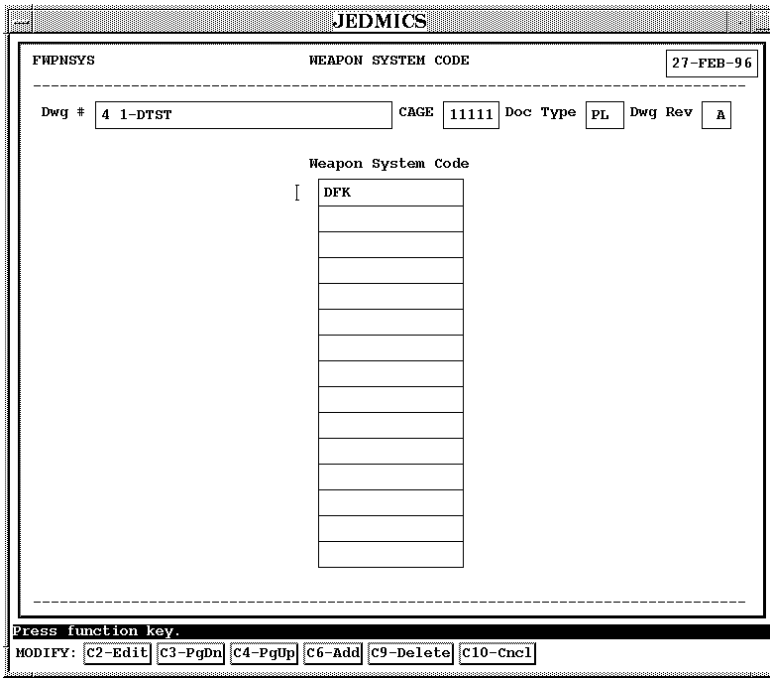

Figure 12.—Weapon System Code (MODIFY) Screen

This screen displays any Weapon System Codes (WSCs) assigned to this index record. Use the function keys to browse through the list, edit, add, or delete Weapon System Codes. For additional instructions on these functions, refer to the following paragraphs.

Editing Weapon System Codes

a. At the Weapon System Code (MODIFY) screen, use the TAB key (or SHIFT+TAB) to position the cursor next to the Weapon System Code you want to edit.

b. Select **C2-Edit**. This accesses the Weapon System Code Change (SELECT) screen.

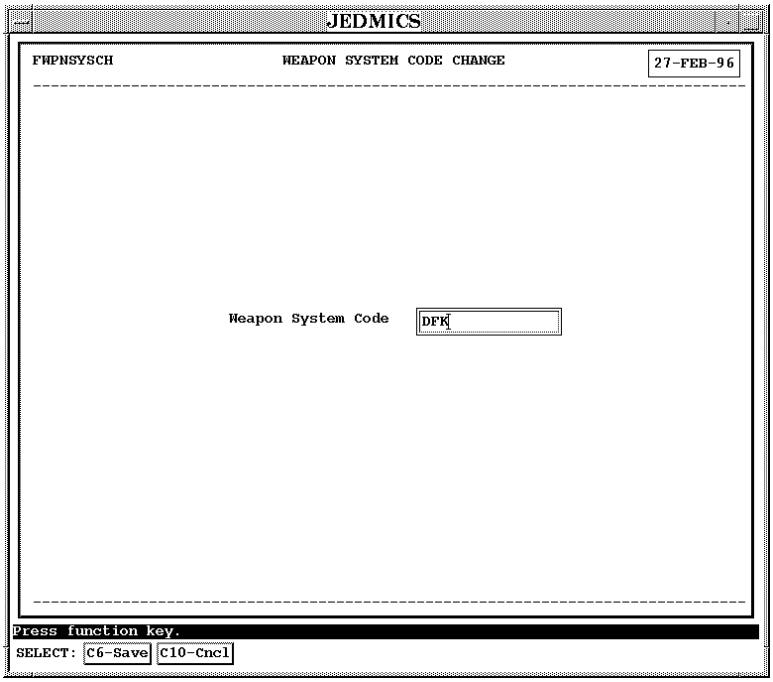

Figure 13.—Weapon System Code Change (SELECT) Screen

c. Edit the Weapon System Code and select **C6-Save**. The change is saved and you return to the Weapon System Code (MODIFY) screen.

d. Repeat the previous steps to modify additional Weapon System Codes, or use **C10-Cncl** to return to the Drawing Data (MFY) screen you were working in.

Adding Weapon System Codes

a. From the Weapon System Code (MODIFY) screen, select **C6-Add**. This accesses a blank Weapon System Code Change (SELECT) screen.

b. Enter the appropriate Weapon System Code and select **C6-Save**. The Weapon System Code is added to the index record and you return to the Weapon System Code (MODIFY) screen.

c. Repeat steps a and b to add more Weapon System Codes, or select **C10-Cncl** to return to the Drawing Data (MFY) screen you were working in.

Deleting Weapon System Codes

a. From the Weapon System Code (MODIFY) screen, select **C9-Delete**. The screen changes to the SELECT mode, which has only two function keys, **C6-Delete** and **C10-Cncl**.

b. Use the TAB or UP and DOWN ARROW keys to place the cursor next to the Weapon System Code to be deleted.

   If you want to delete the Weapon System Code, select **C6-Delete**.

   If you do NOT want to delete the Weapon System Code, select **C10-Cncl**.

   The appropriate action will be taken and you will be returned to the Weapons System Code (MODIFY) screen.

c. Repeat steps a and b to delete another Weapon System Code, or select **C10-Cncl** to return to the Drawing Data (MFY) screen you were working in.

Viewing and Editing an Image

a. Begin from the Drawing Data (MFY) screen displaying the index record of the image you want to view.

b. Select **C7-Menu**. This accesses the view, plot, and export functions on the Drawing Data (RQST) screen.

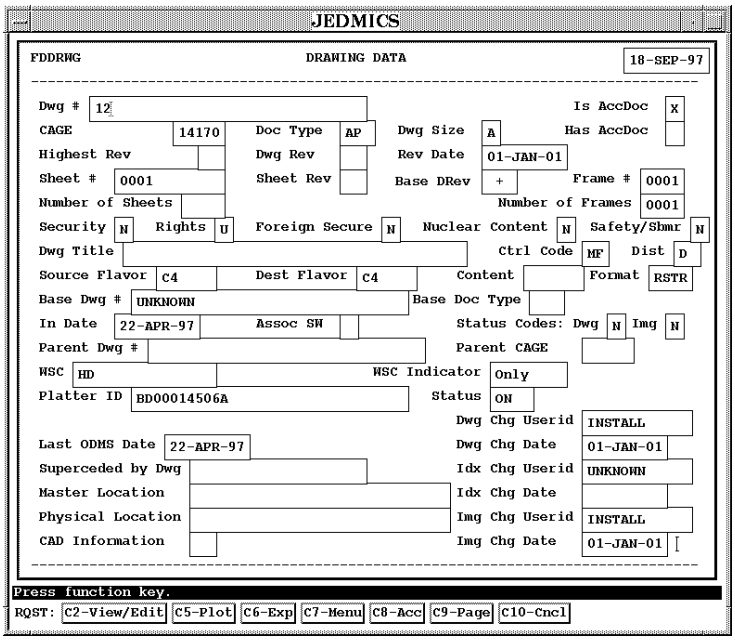

Figure 14.—Drawing Data (RQST) Screen

Use the **C9-Page** function key to display a second page of index data.

c. Select **C2-View/Edit**. The system verifies that the appropriate platter is online in the jukebox. If the platter is not available, a platter offline message displays indicating the image cannot be retrieved. If the platter is online, the Productivity Edge Image Editor launches and the Editor window opens at the top left of your screen. The Editor window contains the Editor menu bar, the View Toolbox, and the Edit Toolbox.

   The selected image is retrieved and displayed in a separate window on your screen. The JEDMICS Drawing Data (RQST) screen remains in a window in the background.

Index records with a file format of NIOF (No Image On File) or EXT (External) do not have images stored in JEDMICS and, therefore, cannot be viewed or output. The system recognizes these formats and reports that the image is not stored in JEDMICS when attempts are made to view or output it.

When you use the C8-Acc function key on the Drawing Data (RQST) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

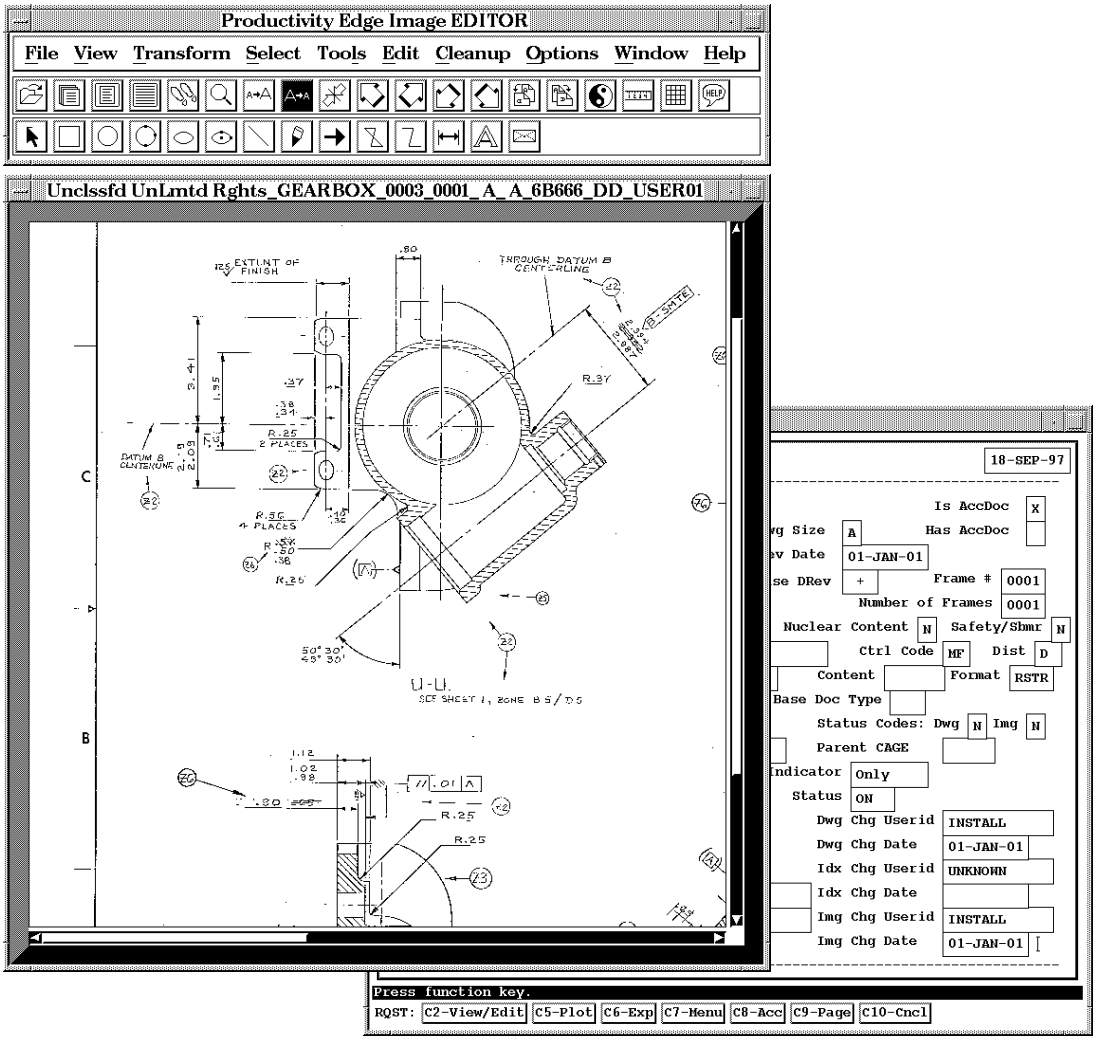

Figure 15.—Viewing/Editing from the Drawing Data (RQST) Screen

For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User’s Guide*.

If you select from the Editor menu `Options>Preferences>Rotation` and `Options>System>Save: As Rotated`, the system considers the rotation as a change and saves the image to pending even if you have only viewed the image.

d. When you finish viewing/editing the image, click the title bar of the Drawing Data (RQST) screen to make it the active window and bring it to the foreground. Press **C7-Menu** to return to the Drawing Data (MFY) screen.

Avoid using the Editor File Menu commands to close an image or exit the Editor. Those commands apply to the image at the local workstation level and may not be recognized by JEDMICS when you return to the JEDMICS application.

e. From the Drawing Data (MFY) screen, you can either save any changes you made to the image or simply close the image without saving changes, as follows:

   If you made changes to the image and want to save them, press **C2-Save**. The system displays a message box prompting you to save the changes to Pending. Select **OK** to save or **Cancel** if you do not want to save your changes. If you select OK, the system saves, then displays an acknowledge message confirming that the image and index data were updated. Press any key to acknowledge the message. You return to the Drawing Data (MFY) screen.

   When you return to the Drawing Data (MFY) screen, it does not reflect that the image and index data were updated. However, they have been updated in pending, and the next time the record is retrieved from pending the `Img Chg Userid` and `Img Chg Date` fields will display the user ID of the last person to update the image, and the date on which it was changed.

   OR

   To close the image without saving any changes, press **C10-Cncl**. The image closes and you return to the Drawing Data (MODIFY) screen. You can now retrieve another image or press **C10-Exit** to return to Drawing Data Retrieval Menu screen.

   The Editor window remains available until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the window.

Plotting an Image

a. Begin from the Drawing Data (MFY) screen displaying the index record of the image you want to plot.

b. Select **C7-Menu**. This accesses the view, plot, and export functions on the Drawing Data (RQST) screen.

c. Select **C5-Plot**. This accesses the Plotter Selection Form screen.

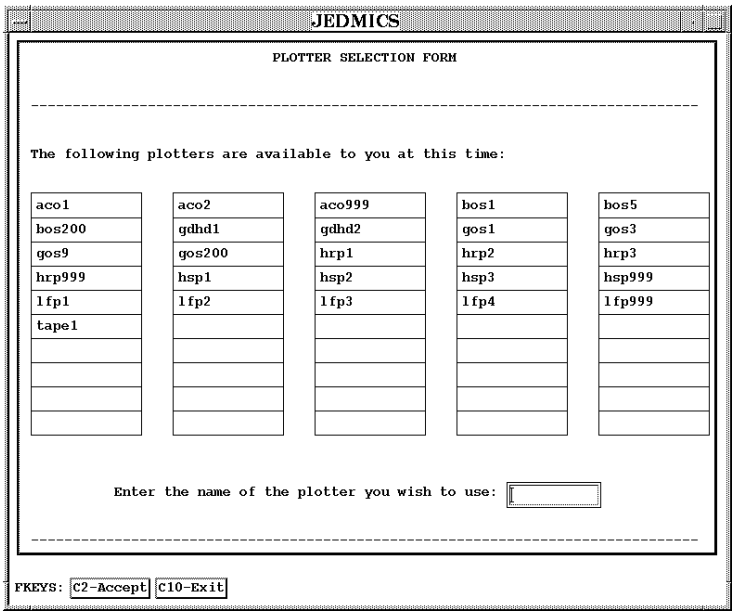

Figure 16.—Plotter Selection Form Screen

d. Enter the name of the plotter where you want the image to be plotted. The available plotters appear in the list on the screen.

e. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen.

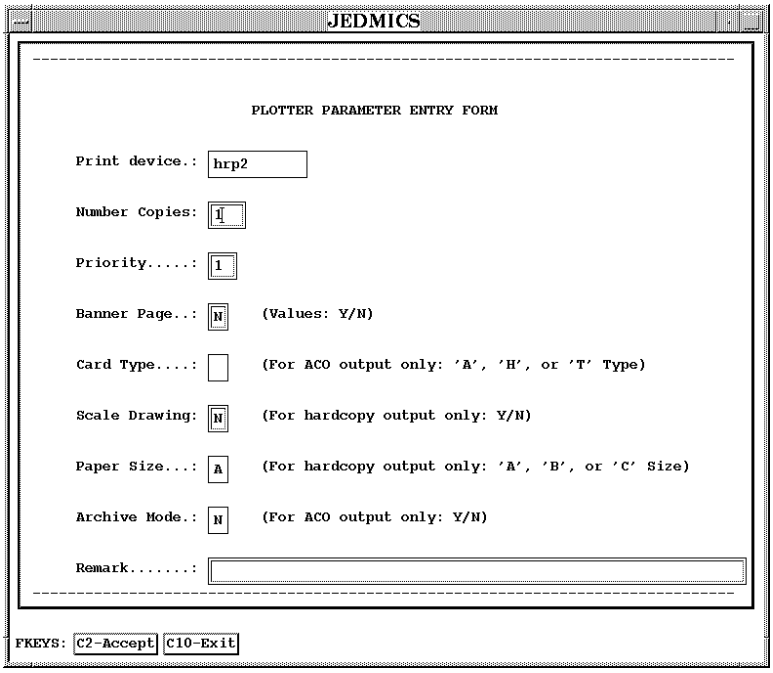

Figure 17.—Plotter Parameter Entry Form Screen

f. The Plotter Parameter Entry Form screen shows settings for the selected printer. Revise the parameters, as necessary.

The system saves any parameters and remarks you enter and use them as the new default parameters. These new defaults will be reset to the system defaults when you log off.

- `Print device`—will contain the name of selected device
- `Number Copies`—fill in number of copies desired
- `Priority`—is pre-set as the default for your individual password and ID
- `Banner Page`—set to yes to have a banner page precede your plot
- `Card Type`—complete only if Print Device is ACO
- `Scale Drawing`—set to yes to scale your drawing to fit the paper size
- `Paper Size`—set according to what is available at specific print device
- `Archive Mode`—set to yes if ACO print device
- `Remark`—full name of sender is helpful if more than one user is sending print jobs to the device

g. If your site adds site-specific data or codes to the open keypunch columns of the aperture cards you create, specify H or T type aperture card output, and the system automatically displays a third function key—C6-Edit Open Fields. Select **C6-Edit Open Fields** to display an `OPEN FIELDS FOR CARD TYPE {H OR T}` screen. H type cards have keypunch columns 36–38 as open fields. T type cards have keypunch columns 36–46 and 78–80 as open fields. These are optional fields and you can enter any alphanumeric value. To accept the data entered in the open fields, press **C2-Accept**.

h. Select **C2-Accept** to accept the displayed parameters and begin printing. JEDMICS reports the job queue number for your print request.

i. Select **C10-Exit** twice to return to Drawing Data (RQST) screen.

Exporting an Image

You can export any image stored on optical disk to a JEDMICS workstation disk drive. Those images can be exported as JEDMICS file format (C4) images or they can be converted into PCX files for use by other non-JEDMICS applications, such as Calera WordScan Plus™ (ASCII Conversion).

Complete these steps to export an image to your workstation disk drive.

a. Begin from the Drawing Data (MFY) screen displaying the index record of the image you want to export.

b. Select **C7-Menu**. This accesses the view, plot, and export functions on the Drawing Data (RQST) screen.

c. Select **C6-Exp**. This accesses the Workstation Import/Export screen.

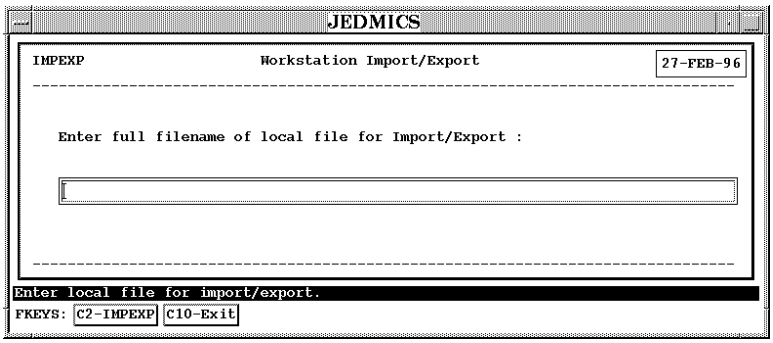

Figure 18.—Workstation Import/Export Screen

d. Enter the full path and file name for the destination file to which the image is to be exported, for example, **{c:\tmp\image.c4}**.

Check with your system administrator to identify if any export file naming conventions are to be followed.

e. Select **C2-IMPEXP**. If you have entered a local file name that already exists, the system prompts you to acknowledge that before you continue. Press any key to acknowledge; then, select **C2-Cont** to continue.

The system displays a dialog box that asks if you want to convert the image to ASCII with Calera software.

If you do NOT want to convert this image to a PCX format, but want to export it as a JEDMICS C4 format image, select **Cancel**. The system exports the image to the designated file and displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

OR

If you DO want to convert the file to PCX file format, select **Yes**. The system converts the file to PCX format and exports it. The system displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

Accessing Accompanying Documents

If the drawing or document you have retrieved has accompanying documents associated with it, there will be an X in the `Has Acc` field in the top right corner of the Drawing Data (MFY) screen. To access the accompanying documents' index records, complete these steps:

a. Begin from the Drawing Data (MFY) screen displaying the index record with accompanying documents.

b. Select **C7-Menu**. The screen switches to the RQST mode and displays a new set of function keys.

c. Select **C8-Acc**. The Accompanying Documents (VIEW) screen displays.

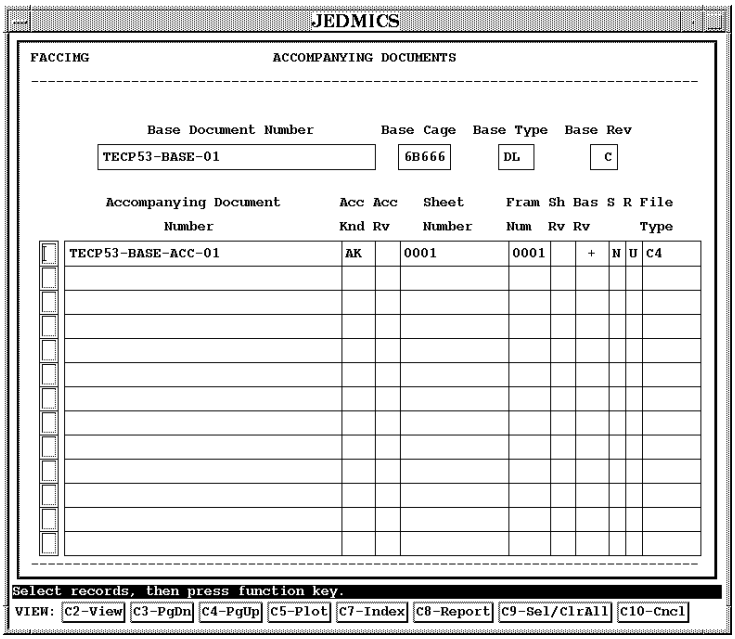

Figure 19.—Accompanying Documents (VIEW) Screen

d. To select a record, use the TAB or SHIFT+TAB key to position the cursor on that record and type an **X** in the far left selection column. To select all records, use the **C9-Sel/ClrAll** function key. This key toggles between selecting all records and clearing all selections.

If there are multiple pages of accompanying documents, you can use the **C3-PgDn** and **C4-PgUp** function keys to browse the list to locate the accompanying document record.

After selecting an accompanying document record, you can view the image for that record, plot the image for that record, or print a report of the index data for that record. For additional instructions on these functions, refer to the following paragraphs.

Viewing Accompanying Documents

From the Accompanying Documents (VIEW) screen:

a. Select **C2-View**. The Productivity Edge Image Editor application launches and the accompanying document image displays. A modified Accompanying Documents (VIEW) screen remains in a window in the background.

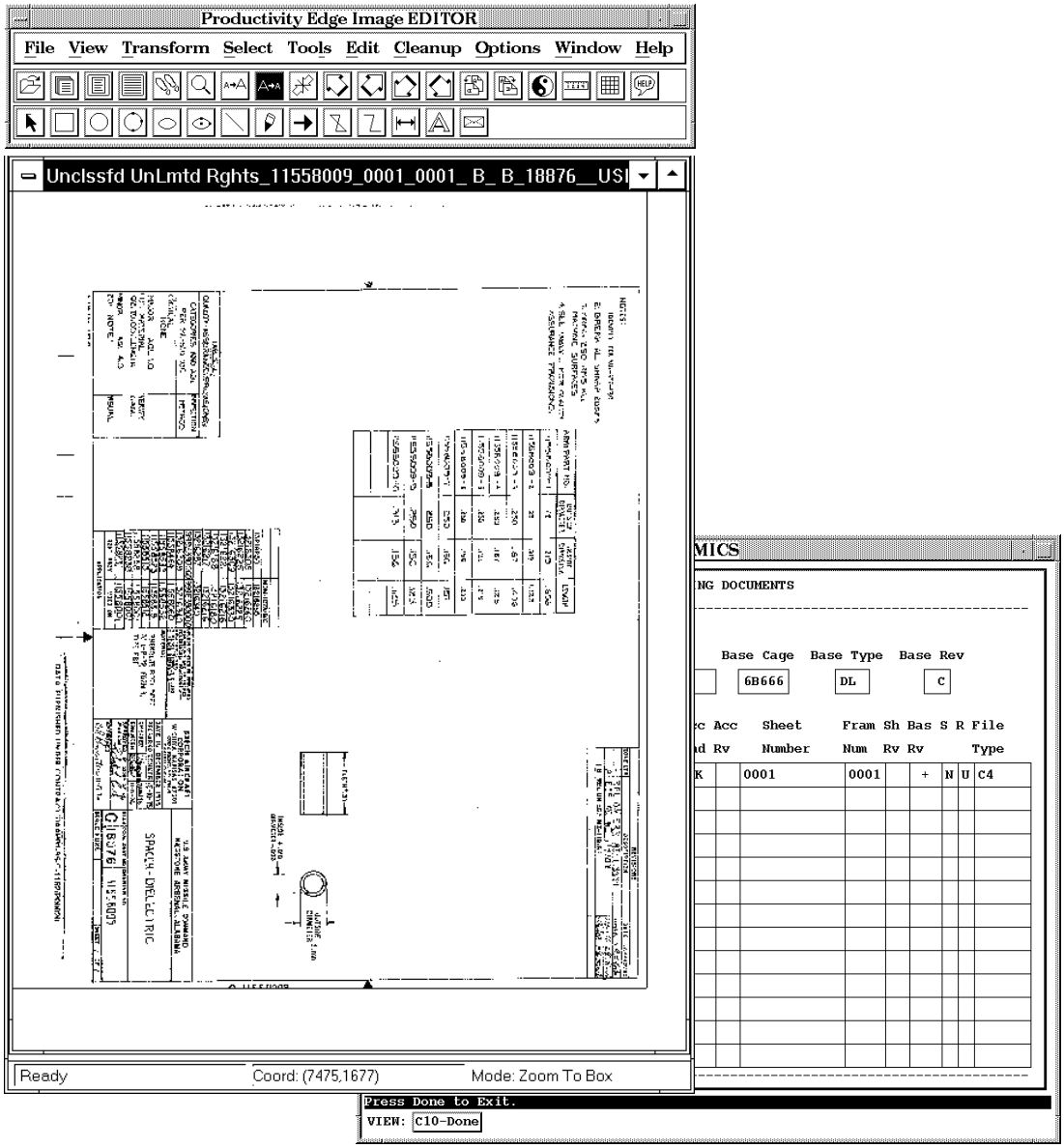

Figure 20.—Viewing Accompanying Documents from the Accompanying Documents (VIEW) Screen

b. Use the Productivity Edge Image Editor capabilities to view the image.

For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User’s Guide*.

c. After completing viewing the accompanying document image, click the title bar of the Accompanying Documents (VIEW) screen to make it the active window and bring it to the foreground.

Avoid using the Editor File menu commands to close an image or exit the Editor. These commands apply to the image at the workstation level and may not be recognized by JEDMICS.

d. Select **C10-Done**. The image closes. You return to the full-function Accompanying Documents (VIEW) screen and can continue to execute any of the functions or select **C10-Cncl** to return to the Drawing Data (RQST) screen.

The Editor application remains active until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the Editor window.

Plotting Accompanying Documents

From the Accompanying Documents (VIEW) screen:

a. Select **C5-Plot**. This accesses the Plotter Selection Form screen.

b. Enter the name of the plotter to be used. The available plotters are listed on the screen.

c. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen that shows plot parameters for the selected plotter. Revise the parameters as necessary.

The system saves any parameters or remarks you enter and uses them as the new default parameters. These new defaults reset to the system defaults when you log off.

d. Select **C2-Accept**. The job is queued for output and the job ID is reported in the status line.

When printing an accompanying document, the identifying data shown on the leading edge of the paper is in this order: security classification, base drawing number, sheet number, frame number, base drawing revision, CAGE code, and document type. A sample follows.

```
Unclassified  TECP53-BASE-ACC-01  0001  0001  C  6B666  AK
```

e. Select **C10-Exit** twice to return to the full-function Accompanying Documents (VIEW) screen. You can continue to execute any of the functions or select **C10-Cncl** to return to the Drawing Data (RQST) screen.

Printing an Accompanying Documents Report

You can print a report that lists specific index data for the selected accompanying documents. The report includes data from the following fields: `Accompanying Number`, `Acc Kind`, `Acc Rev`, `Sheet Number`, `Sheet Rev`, `Frame Number`, `Status`, `Rights`, and `File Type`.

Begin from the Accompanying Documents (VIEW) screen:

a. Select **C8-Report**. This accesses the Printer Selection Form screen.

b. Enter the name of the printer to be used. The available printers are listed on the screen.

c. Select **C2-Save**. This accesses the Printer Parameter Entry Form screen that shows print parameters for the selected printer. Revise the parameters as necessary.

d. Select **C2-Save**. The job is queued for output and the job ID is reported in the status line.

e. Select **C8-Cancel**, **C8-Exit** to return to the Accompanying Documents (VIEW) screen. You can continue to execute any of the functions or select **C10-Cncl** to return to the Drawing Data (RQST) screen.

3.2 Modifying Images Without Changing Index Data

The Drawing Data Retrieval menu option, Retrieve/Modify Image Data, lets you modify a permanent image without changing the index data.

All of the index data fields on the Drawing Data (QRY) screen are non-editable. When you save your image changes, the system will automatically update the `Img Chg Userid` and `Img Chg Date` fields.

To modify both the index record and the image, select Retrieve/Modify Index Records & Images. To view index records and images, but not change them, select Retrieve Index Records & Images.

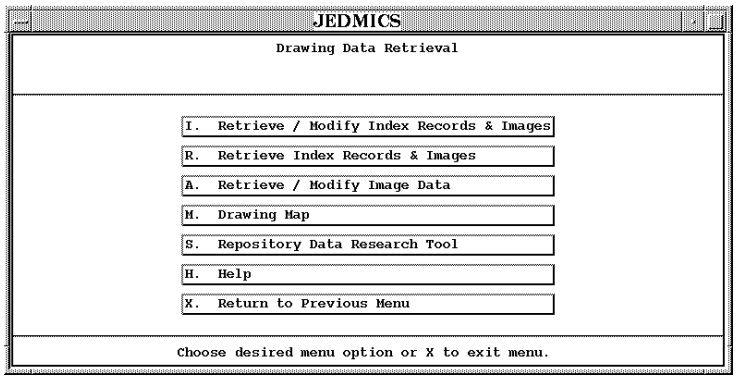

Figure 21.—Drawing Data Retrieval Menu

a. From the Drawing Data Retrieval menu, select **Retrieve/Modify Image Data**. JEDMICS displays the Drawing Data screen in the QRY mode.

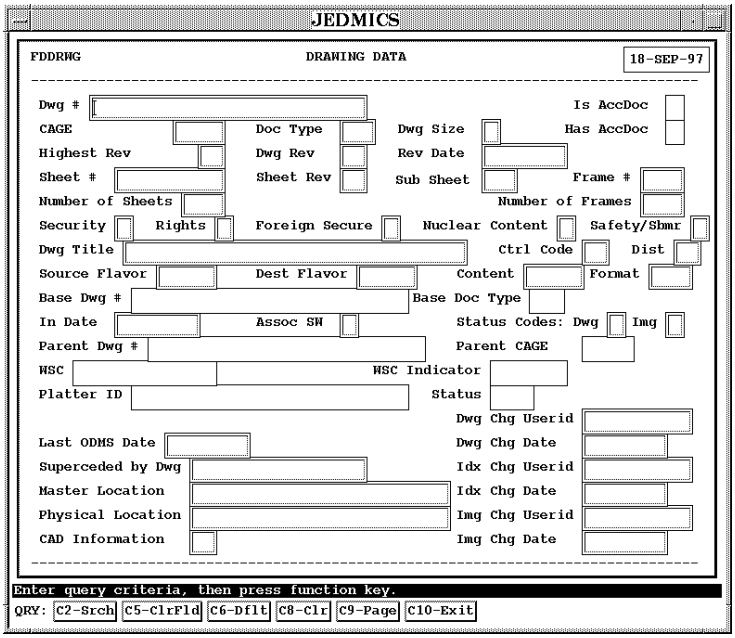

Figure 22.—Drawing Data (QRY) Screen

b. To search for one or more drawings, enter your search criteria into the appropriate fields. At a minimum, you must enter data into the `Dwg #` field.

Any field that contains search criteria must have complete data. You can use the % (multiple characters) or _ (single character) wildcard to help in your search.

c. Select **C2-Srch**. JEDMICS searches the database, then displays the first index record that matches your search criteria. The Drawing Data screen is now in the MFY mode.

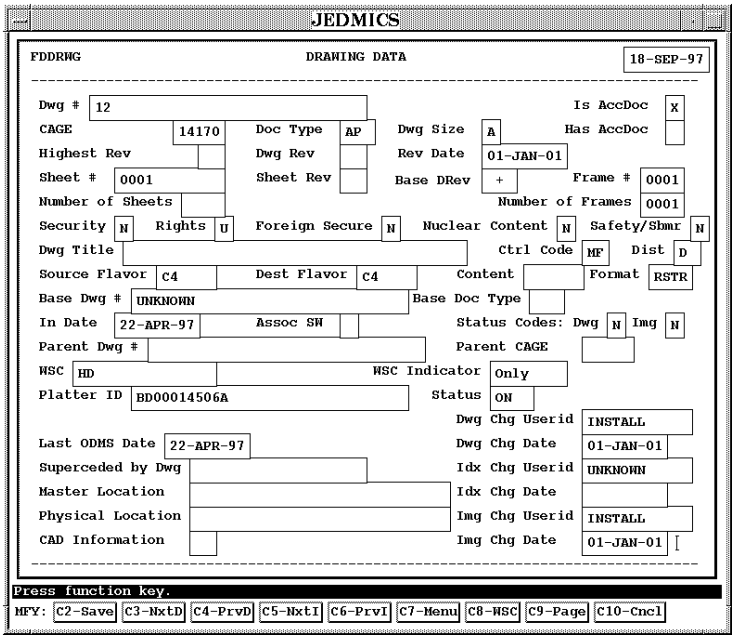

Figure 23.—Drawing Data (MFY) Screen

The single line bordering each field shows that you cannot modify the index field.

d. If multiple records matched your search criteria, use the **C3-NxtD** and **C4-PrvD** functions to scroll through them.

e. To view and edit an image, select **C7-Menu**. This changes the screen to the RQST mode and makes new functions available.

f. Select **C2-View/Edit**. If the platter that contains the image you requested is not online in the jukebox, you will see a message that indicates that the image cannot be retrieved. If the platter is online, JEDMICS launches the Productivity Edge Image Editor.

   The Editor window opens at the top left of the screen. The window contains the Editor menu bar, the View Toolbox, and the Edit Toolbox. JEDMICS then retrieves the image you selected and displays it in a separate window, just below the Editor window. The Drawing Data (RQST) screen remains in the JEDMICS application window in the background.

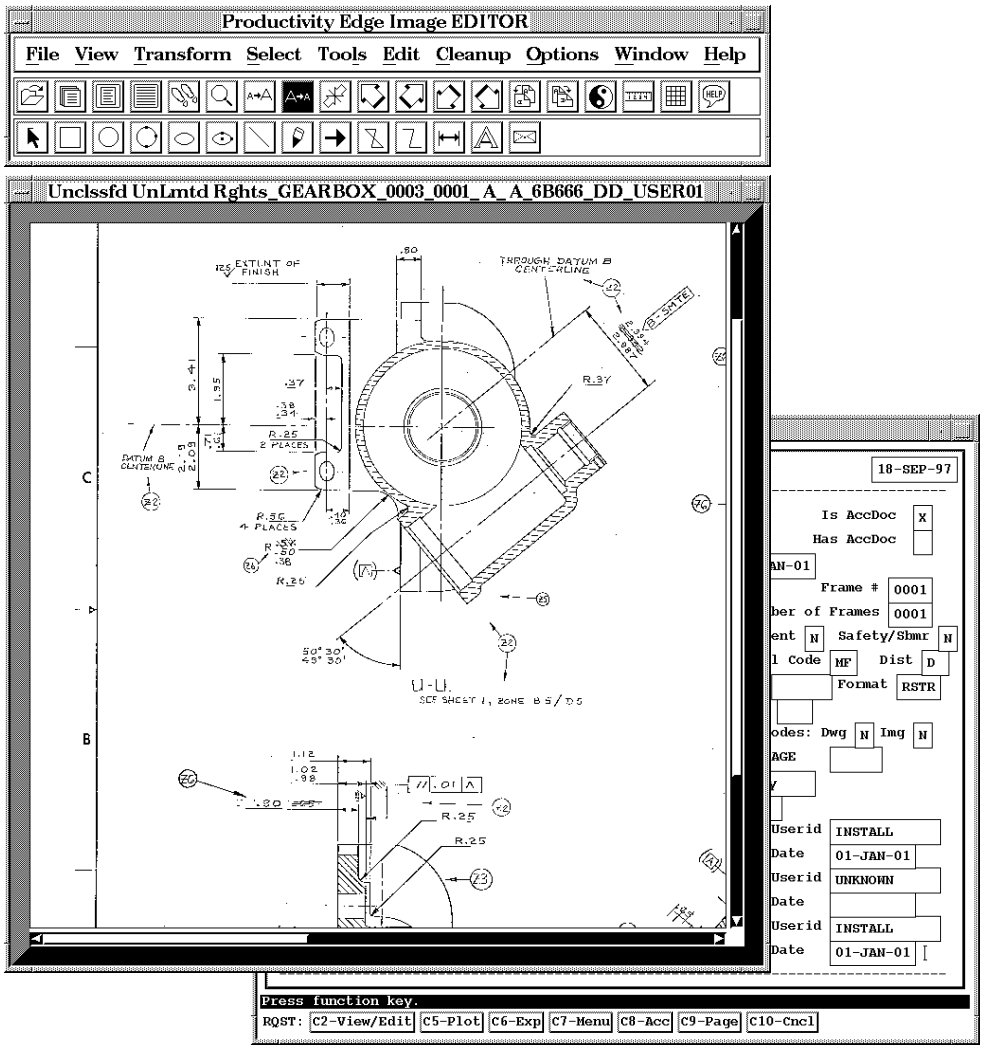

Figure 24.—Productivity Edge Image Editor Open Over Drawing Data (RQST) Screen

g. Edit the image. For complete instructions on using the Editor, refer to the *Productivity Edge Editor User's Guide.*

h. When the image has been modified, click the title bar of the Drawing Data (RQST) screen to make the JEDMICS window active and bring it to the foreground. Select **C7-Menu** to change the screen back to the MFY mode.

STOP

Do not use the Editor File Menu commands to close an image or exit the Editor. These commands apply to the image at the local workstation level only, and will not be recognized by the JEDMICS application when you return to it.

i. Select **C2-Save** to save the changes you made to the image. The system saves the changes, then displays a message acknowledging that the image data (along with the index data for Img Chg Userid and Img Chg Date) has been updated. Press any key to acknowledge the message.

The image data was changed in the pending database, so the Drawing Data (MFY) screen, which displays the contents of the permanent database, will not reflect the change until the image is migrated to permanent storage. However, the next time the record is retrieved from pending, the `Img Chg Date` field will show the date on which you modified the image and the `Img Chg Userid` field will display your user ID.

j. Select **C10-Cncl** to change the Drawing Data screen back to the QRY mode.

3.3 Retrieving and Viewing Index Records and Images

When you want to retrieve permanently stored index records and images, but do not need to modify the index record or image in any way, Retrieve Index Records and Images is the Drawing Data Retrieval option you should select and use. Retrieve Index Records and Images allows you to search for and retrieve permanently stored index records. Once you have retrieved these index records, you can use the functions on the various screens to view, print, and export the related images. This option will not allow you to modify either index data or images.

Retrieving Index Records and Images

a. From the Drawing Data Retrieval menu, select **Retrieve Index Records & Images**.

The empty Drawing Data (QRY) screen displays.

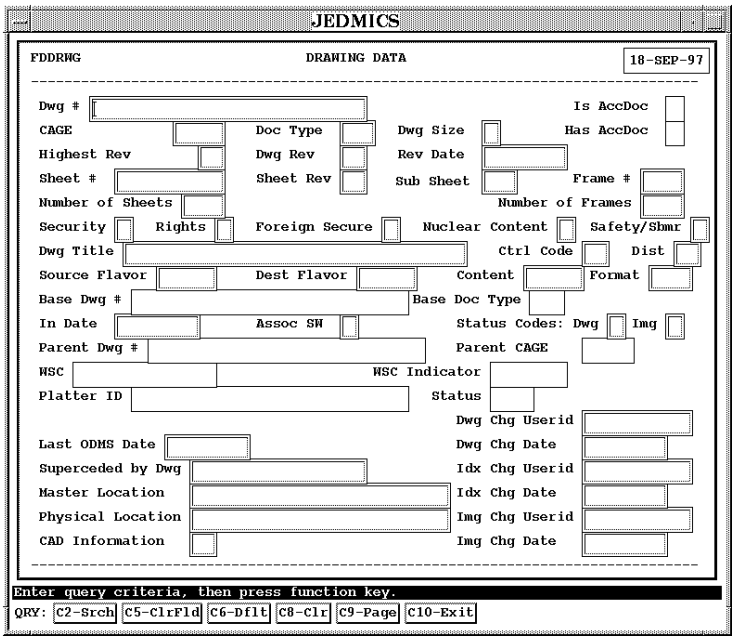

Figure 25.—Drawing Data (QRY) Screen

b. Enter desired search query criteria into the appropriate fields. The system will not permit a global query. At a minimum you must enter search criteria (at least one character) in the `Drawing Number` field. All other fields are optional and cannot be used alone as search criteria.

When you enter search criteria, the system only recognizes complete information in any data field. However, you can use wildcard characters, with at least one significant character, to assist the search. A percent sign (%) represents multiple characters and the underscore (_) represents a single character.

Selecting the **C6-Dflt** function key will fill in the default values in the following fields:

Field	Default Value
Security	N
Rights	U
Foreign Secure	N
Nuclear Content	N
Safety/Sbmr	N
Source Flavor	C4
Dest Flavor	C4
Format	RSTR

To clear fields of query data you have entered, use **C5-ClrFld** to clear one field and **C8-Clr** to clear all data fields.

Any index record with Security, Foreign Secure, Nuclear Content, or Safety/Submarine restrictions set can only be retrieved by a user with the appropriate permissions. If you do not have the appropriate permissions, any restricted index record will be invisible to you as a user.

c. Select **C2-Srch**. This executes the query and returns the Drawing Data (QRY) screen displaying the first index record that matches your search criteria.

If the query results in no records being found, a `No Records Found` message displays on the status line and the query criteria remain on the screen to be modified or revised for a subsequent query.

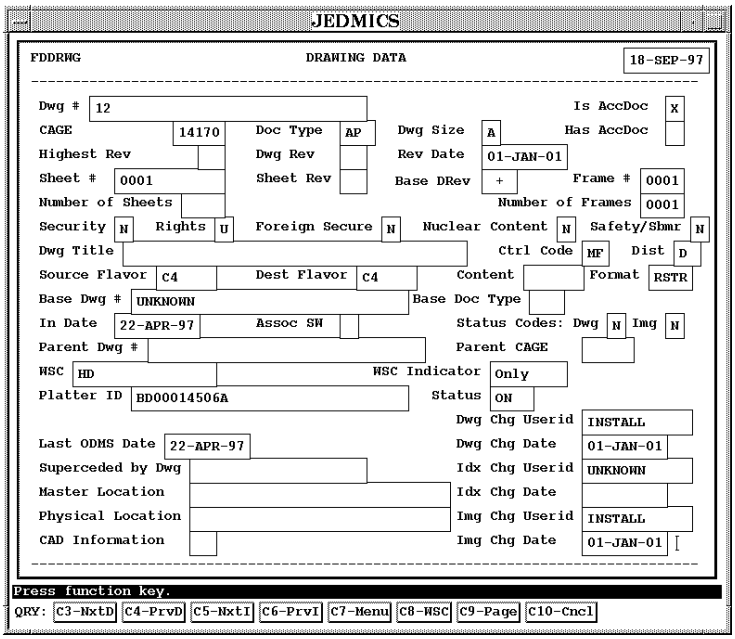

Figure 26.—Drawing Data (QRY) Screen with Search Results

Use the following function keys to browse the retrieved index records:

- C3-NxtD — pages to the next drawing
- C4-PrvD — pages to the previous drawing
- C5-NxtI — pages to the next image of the same drawing
- C6-PrvI — pages to the previous image of the same drawing
- C9-Page — displays an additional page of drawing data. Use C9-Page to switch back and forth between the two screens.

d. To view the Weapon System Codes (WSCs) associated with this drawing, select **C8-WSC**. This accesses the Weapon System Code (QUERY) screen.

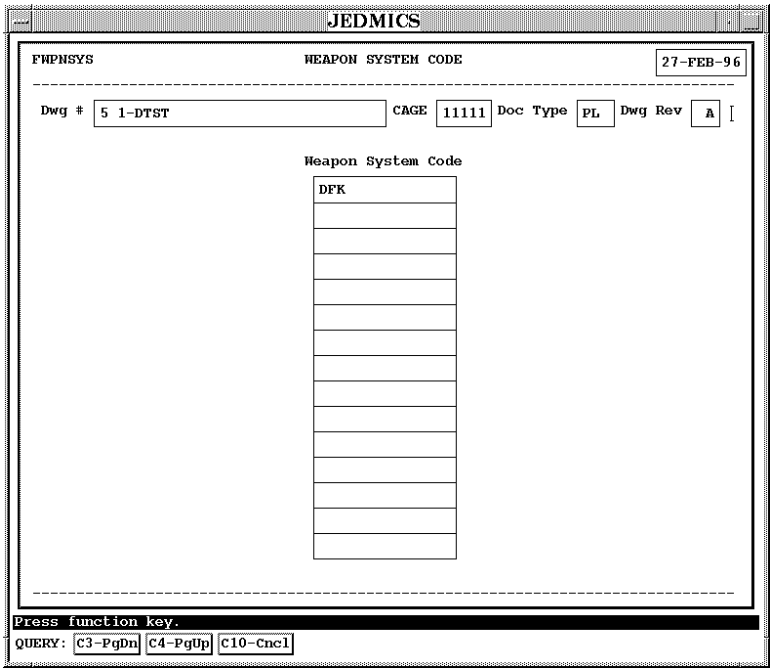

Figure 27.—Weapon System Code (QUERY) Screen

Use the **C3-PgDn** and **C4-PgUp** function keys to browse the list of Weapon System Codes. Select **C10-Cncl** to return to the Drawing Data (QRY) screen.

e. After locating the index record of the drawing (image) you are interested in, you can view, plot, or export it by selecting **C7-Menu**.

This accesses the view, plot, and export functions on the Drawing Data (RQST) screen.

Any user can retrieve the index data for a Limited Rights record, but only users with Limited Rights access permission can view or plot the associated image. If you attempt to view or plot an image for which you do not have access permission, the system informs you that the image has restricted rights and will not display or plot it.

When you use the C8-Acc function key on the Drawing Data (RQST) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

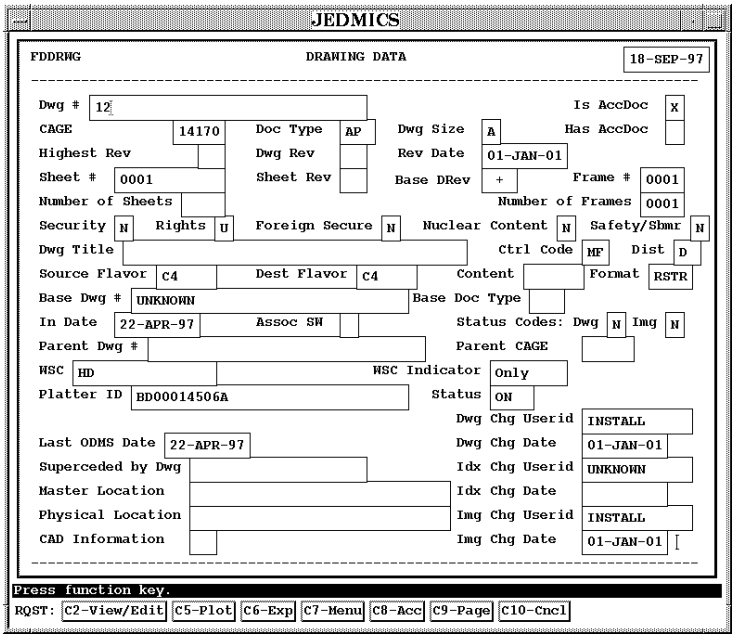

Figure 28.—Drawing Data (RQST) Screen

For instructions on viewing, plotting, or exporting a drawing from the Drawing Data (RQST) screen, see the appropriate paragraph that follows.

Viewing an Image

a. Begin from the Drawing Data (RQST) screen displaying the index record of the drawing you want to view.

b. Select **C2-View/Edit**. The system verifies that the appropriate platter is online in the jukebox. If the platter is not available, a platter offline message displays indicating the image cannot be retrieved. If the platter is online, the Productivity Edge Image Editor launches and the Editor window opens at the top left of your screen. The Editor window contains the Editor menu bar, the View Toolbox, and the Edit Toolbox.

   The selected image is retrieved and displayed in a separate window on your screen. The JEDMICS Drawing Data (RQST) screen remains in a window in the background.

Index records with a file format of NIOF (No Image On File) or EXT (External) do not have images stored in JEDMICS and, therefore, cannot be viewed or output. The system recognizes these formats and reports that the image is not stored in JEDMICS when attempts are made to view or output it.

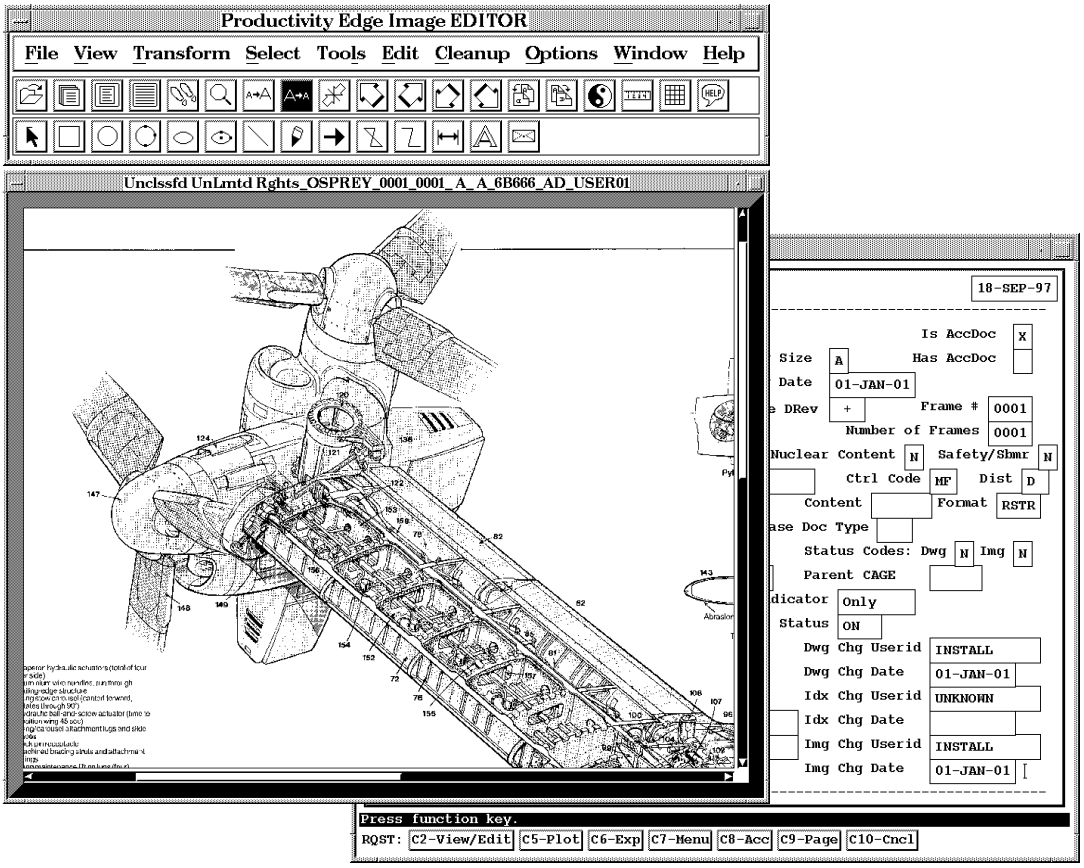

Figure 29.—Viewing from the Drawing Data (RQST) Screen

For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User's Guide*.

If you select from the Editor menu `Options>Preferences>Rotation` AND `Options>System>Save: As Rotated`, the system considers the rotation as a change and saves the image to pending even if you only viewed the image.

c. To close an image that you were viewing, you must first return to the Drawing Data (RQST) screen. Click the title bar of the Drawing Data (RQST) screen to make it the active window and bring it to the foreground.

Avoid using the Editor File Menu commands to close an image or exit the Editor. Those commands apply to the image at the local workstation level and may not be recognized by JEDMICS when you return to the JEDMICS application.

d. Press **C10-Cncl**. The image window closes and you return to the Drawing Data (QRY) screen. You can now retrieve another image or press **C10-Exit** to return to Drawing Data Retrieval Menu screen.

The Editor window remains available until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the window.

Plotting an Image

a. Begin from the Drawing Data (RQST) screen displaying the index record of the image you want to plot.

b. Select **C5-Plot**. This accesses the Plotter Selection Form screen.

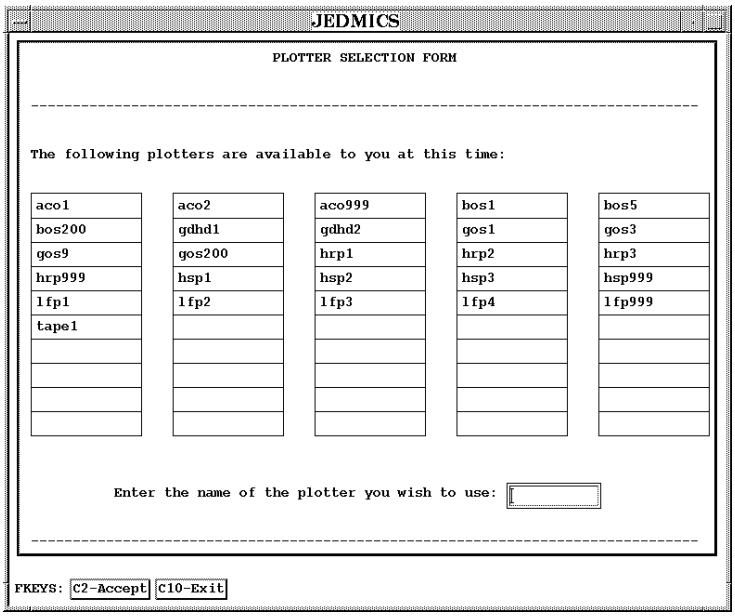

Figure 30.—Plotter Selection Form Screen

c. Enter the name of the plotter where you want the image to be plotted. The available plotters appear in the list on the screen.

d. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen.

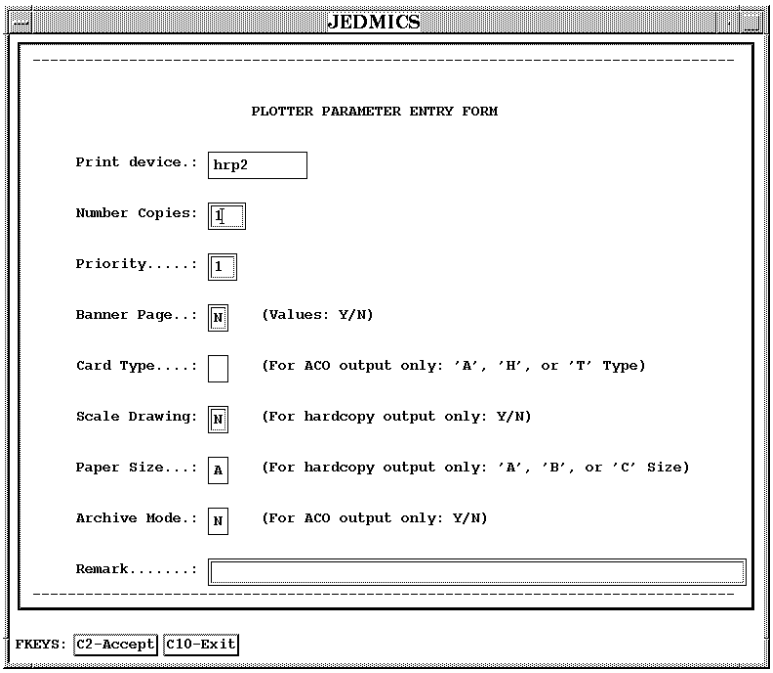

Figure 31.—Plotter Parameter Entry Form Screen

e. The Plotter Parameter Entry Form screen shows settings for the selected printer. Revise the parameters, defined below, as necessary.

The system saves any parameters or remarks you enter and uses them as the new default parameters. These new defaults will be reset to the system defaults when you log off.

- `Print device`—will contain the name of selected device
- `Number Copies`—fill in number of copies desired
- `Priority`—is pre-set at the default for your individual password and ID
- `Banner Page`—set to yes to have a banner page precede your plot
- `Card Type`—complete only if Print Device is ACO
- `Scale Drawing`—set to yes to scale your drawing to fit the paper size
- `Paper Size`—set according to what is available at specific print device
- `Archive Mode`—set to yes if ACO print device
- `Remark`—full name of sender is helpful if more than one user is sending print jobs to the device

f. If your site adds site-specific data or codes to the open keypunch columns of the aperture cards you create, specify H or T type aperture card output, and the system automatically displays a third function key—C6-Edit Open Fields. Select **C6-Edit Open Fields** to display an `OPEN FIELDS FOR CARD TYPE {H OR T}` screen. H type cards have keypunch columns 36–38 as open fields. T type cards have keypunch columns 36–46 and 78–80 as open fields. These are optional fields and you can enter any alphanumeric value. To accept the data entered in the open fields, press **C2-Accept**.

g. Select **C2-Accept** to accept the displayed parameters and begin printing. JEDMICS reports the job queue number for your print request.

h. Select **C10-Exit** twice to return to the Drawing Data (RQST) screen.

Exporting an Image

You can export any image stored on optical disk to a JEDMICS workstation disk drive. Those images can be exported as JEDMICS file format (C4) images or they can be converted into PCX files for use by other non-JEDMICS applications, such as Calera WordScan Plus (ASCII Conversion).

Complete these steps to export an image to your workstation disk drive.

a. Begin from the Drawing Data (RQST) screen displaying the index record of the image you want to export.

b. Select **C6-Exp**. This accesses the Workstation Import/Export screen.

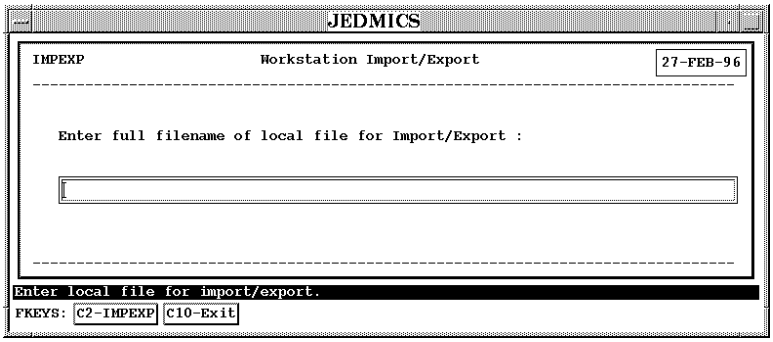

Figure 32.—Workstation Import/Export Screen

c. Enter the full path and file name for the destination file to which the image is to be exported, for example, **{c:\tmp\image.c4}**.

Check with your system administrator to identify if any export file naming conventions are to be followed.

d. Select **C2-IMPEXP**. If you entered a local file name that already exists, the system prompts you to acknowledge that before you continue. Press any key to acknowledge; then, select **C2-Cont** to continue.

The system displays a dialog box that asks if you want to convert the image to ASCII with Calera software.

If you do NOT want to convert this image to a PCX format, but want to export it as a JEDMICS C4 format image, select **Cancel**. The system exports the image to the designated file and displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

OR

If you DO want to convert the file to PCX file format, select **Yes**. The system converts the file to PCX format and exports it. The system displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

Accessing Accompanying Documents

If the drawing or document you retrieved has accompanying documents associated with it, there will be an X in the `Has Acc` field in the top right corner of the Drawing Data (QRY) screen. To access the accompanying documents' index records, complete these steps:

a. Begin from the Drawing Data (QRY) screen displaying the index record with accompanying documents.

b. Select **C7-Menu**. The screen switches to the RQST mode and displays a new set of function keys.

c. Select **C8-Acc**. The Accompanying Documents (VIEW) screen displays.

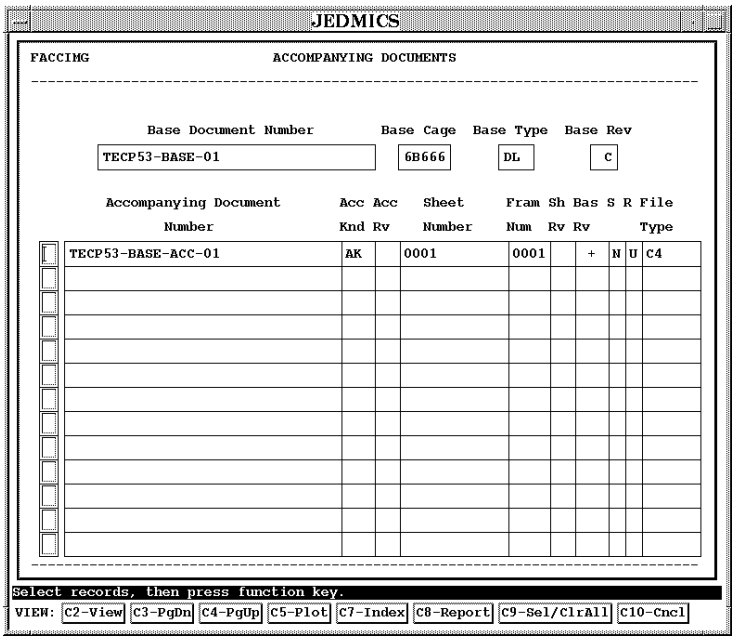

Figure 33.—Accompanying Documents (VIEW) Screen

d. To select a record, use the TAB or SHIFT+TAB key to position the cursor on that record and type an **X** in the far left selection column. To select all records, use the **C9-Sel/ClrAll** function key. This key toggles between selecting all records or clearing all selections.

   If there are multiple pages of accompanying documents, you can use the **C3-PgDn** and **C4-PgUp** function keys to browse the list to locate the accompanying document record.

   After selecting an accompanying document record, you can view the image for that record, plot the image for that record, or print a report of the index data for that record. For additional instructions on these functions, refer to the appropriate paragraphs that follow.

   When you finish viewing, plotting, or printing, use the **C10-Cncl** key to return to the Drawing Data (RQST) screen.

Viewing Accompanying Documents

From the Accompanying Documents (VIEW) screen:

a. Select **C2-View**. The Productivity Edge Image Editor application launches and the accompanying document image displays. A modified Accompanying Documents (VIEW) screen remains in a window in the background.

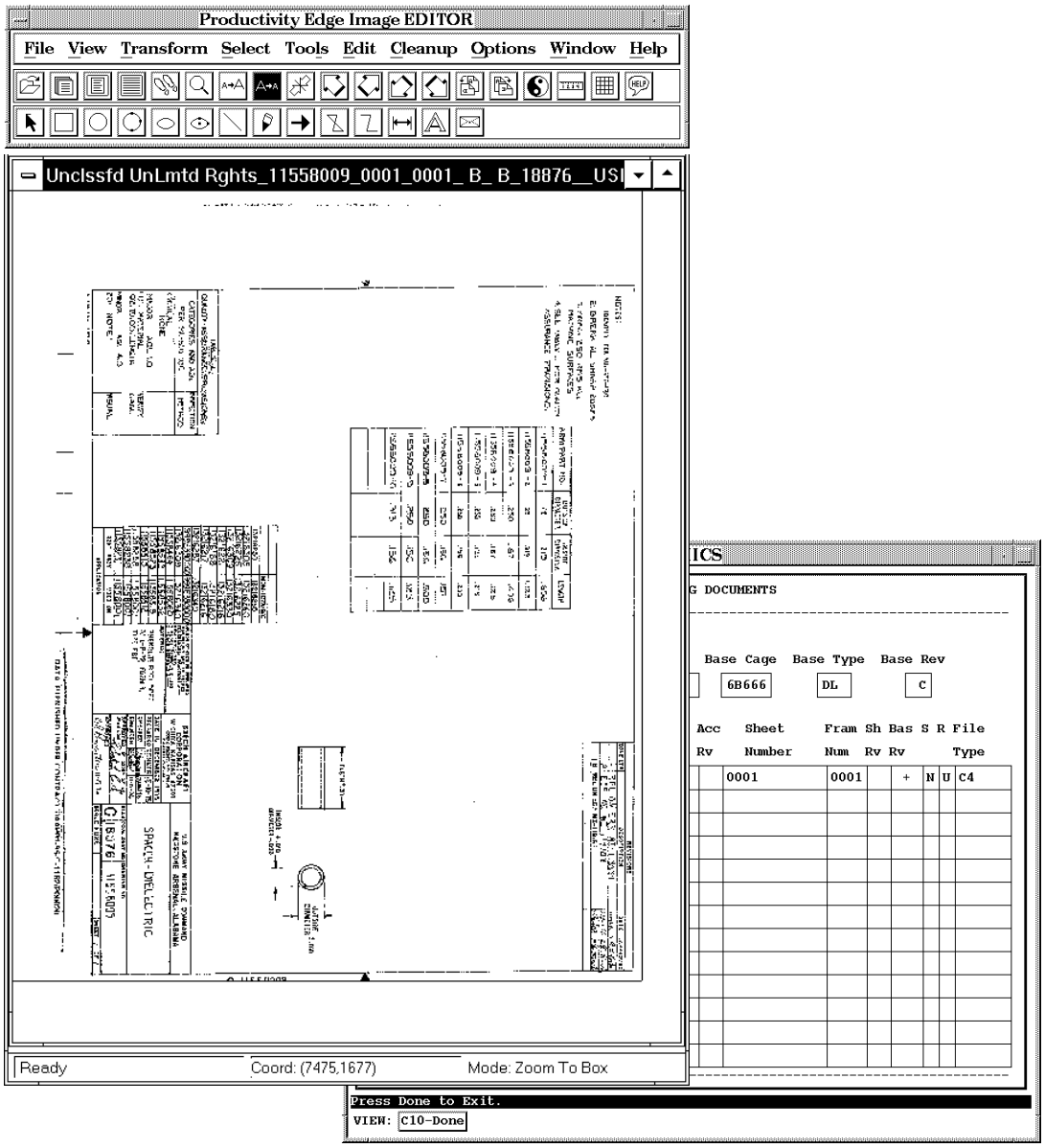

Figure 34.—Viewing Accompanying Documents from the Accompanying Documents (VIEW) Screen

b. Use the Productivity Edge Image Editor capabilities to view the image.

For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User's Guide*.

c. When you have completed viewing the accompanying document image, click the title bar of the Accompanying Documents (VIEW) screen to make it the active window and bring it to the foreground.

Avoid using the Editor File menu commands to close an image or exit the Editor. These commands apply to the image at the workstation level and may not be recognized by JEDMICS.

d. Select **C10-Done**. The image closes. You return to the full-function Accompanying Documents (VIEW) screen and can continue to execute any of the functions or use the **C10-Cncl** key to return to the Drawing Data (RQST) screen.

The Editor application remains active until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the Editor window.

Plotting Accompanying Documents

From the Accompanying Documents (VIEW) screen:

a. Select **C5-Plot**. This accesses the Plotter Selection Form screen.

b. Enter the name of the plotter to be used. The available plotters are listed on the screen.

c. Select **C2-Accept**. This access the Plotter Parameter Entry Form screen that shows plot parameters for the selected plotter. Revise the parameters as necessary.

The system saves any parameters or remarks you enter and uses them as the new default parameters. These new defaults will be reset to the system defaults when you log off.

d. Select **C2-Accept**. The job is queued for output and the job ID is reported in the status line.

When printing an accompanying document the identifying data shown on the leading edge of the paper is in this order: security classification, base drawing number, sheet number, frame number, base drawing revision, CAGE code, and document type. A sample follows.

```
Unclassified  TECP53-BASE-ACC-01  0001  0001  C  6B666  AK
```

e. Select **C10-Exit** twice to return to the full-function Accompanying Documents (VIEW) screen. You can continue to execute any of the functions or use the **C10-Cncl** key to return to the Drawing Data (RQST) screen.

Printing an Accompanying Documents Report

You can print a report that lists specific index data for the selected accompanying documents. The report includes data for the following fields: `Accompanying Number`, `Acc Kind`, `Acc Rev`, `Sheet Number`, `Sheet Rev`, `Frame Number`, `Status`, `Rights`, and `File Type`.

Begin from the Accompanying Documents (VIEW) screen:

a. Select **C8-Report**. This accesses the Printer Selection Form screen.

b. Enter the name of the printer to be used. The available printers are listed on the screen.

c. Select **C2-Save**. This accesses the Printer Parameter Entry Form screen that shows print parameters for the selected printer. Revise the parameters as necessary.

d. Select **C2-Save**. The job is queued for output and the job ID is reported in the status line.

e. Select **C8-Cancel**, **C8-Exit** to return to the Accompanying Documents (VIEW) screen. You can continue to execute any of the functions or use the **C10-Cncl** key to return to the Drawing Data (RQST) screen.

3.4 Creating a Drawing Map

Drawing Map is a unique feature that provides you with multiple view functions not available in the other Drawing Data Retrieval options. Using Drawing Map, you can retrieve index records for multiple-revision, multiple-sheet, and multiple-frame drawings, and subsequently plot or display the images associated with those drawings on the screen up to four sheets or frames at a time. In addition, you can generate a Drawing Map Detail that provides a detailed list of the sheets, sheet revisions, and frames associated with specified drawings in the Drawing Map. After creating a Drawing Map Detail, you can use the functions on the various screens to view, plot, or export images from the Drawing Map Detail list.

a. From the Drawing Data Retrieval menu, select **Drawing Map**. This accesses the Drawing Map (QUERY) screen.

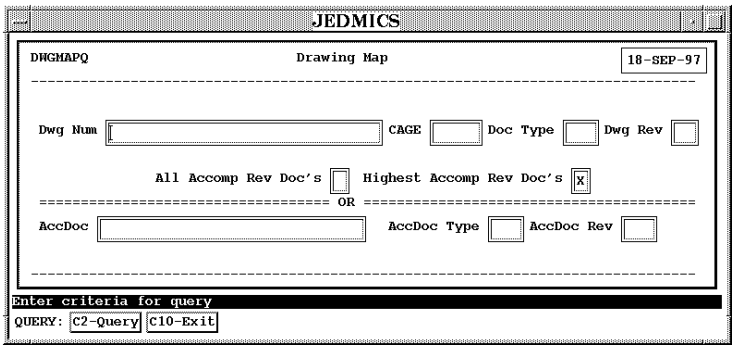

Figure 35.—Drawing Map (QUERY) Screen

When you use the Drawing Map (QUERY) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

b. Specify search criteria:

- To search for a base document, enter at least one significant character and a wildcard character (% or _) into the `Dwg Num` field. To narrow the search, enter information into the `CAGE`, `Doc Type`, and `Dwg Rev` fields.

If you are searching for a base document, you may view either all revisions or only the highest revisions of any documents that may accompany that base document. The default is Highest Accomp Rev Doc's. To view all revisions, delete the X in the `Highest Accomp Rev Doc's` field and place an X in the `All Accomp Rev Doc's` field.

- To search for an accompanying document, enter at least one significant character and a wildcard into the `AccDoc` field. To narrow the search, enter information into the `AccDoc Type` and `AccDoc Rev` fields.

Queries should be as specific as possible. The broader a query is, the longer it takes and the more it taxes the Index Server. If a query is too broad and its results are too large, they will exceed the temporary space allowed on the Index Server and result in a `No Records found` message.

You may also enter desired search criteria in the CAGE code, document type (`Doc Type`), or drawing revision (`Dwg Rev`) fields.

c. After specifying your search criteria, select **C2-Query**.

- If you searched for a base document, JEDMICS displays the Drawing Map (SELECT) screen, which lists all of the documents that meet the criteria you entered.
- If you searched for an accompanying document, JEDMICS displays the new Accompanying Documents Summary (ADD) screen. See *Retrieving Drawing Map Accompanying Documents* in this section.

JEDMICS

DWGMAP Drawing Map 18-SEP-97

Dwg Num 12% CAGE Doc Type Dwg Rev

Drawing Num	CAGE	Doc	Hi Rev	Doc Rev	#Shts	Size	Sc	H R	N	N	S	Has Acc	Dst St
12000203	19200				0000	D	N	U	N	N	N		
12000373	19200		C	C		D	N	U	N	N	N	X	
12000373	19200	QA	A	A		A	N	U	N	N	N		
12007560	19200		C	C		D	N	U	N	N	N		
1200E17	31442		AG	AG	0002		N	U	N	N	N		
12011779	19200				0000	D	N	U	N	N	N		
1201E34	31442		K	K	0001		N	U	N	N	N		
122-8610	341-&		x	x	0776		S	U					
12253610	19207	DP	F	F	0001	F	N	U	N	N	N		0
12257235	19207	DP	B	B	0001	D	N	U	N	N	N		0
12269371	19207	DP			0001	C	N	U	N	N	N		0
12271245	19207	DP	AN	AN	0003	J	N	U	N	N	N		0
12271245	19207	DP	AN	AM	0003	J	N	U	N	N	N		0
12271245	19207	DP	AN	AK	0000	J	N	U	N	N	N		0
12271245	19207	DP	AN	AB	0000	J	N	U	N	N	N		0
12275004	19207	DP	B	B	0001	B	N	U	N	N	N		0

Position Cursor and Select desired record

SELECT: C2-View C3-Next C4-Prev C5-Plot C6-WSC C8-Acc C9-Detail C10-Cancl

Figure 36.—Drawing Map (SELECT) Screen

If the query results in no records being found, a `No Records Found` message displays on the status line and the query criteria remain on the screen to be modified or revised for a subsequent query.

When you use C8-Acc function key on the Drawing Map (SELECT) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

The drawing map algorithm only retrieves index records that have data in the sheet number and frame number fields. If you receive a `No Records Found` message when you know the drawing exists, you should verify that the index record includes sheet number and frame number.

d. To view Weapon System Codes, place the cursor to the left of a drawing number, then select **C6-WSC**. JEDMICS displays the Weapon System Code (QUERY) screen, a view-only list of the Weapon System Codes associated with that drawing.

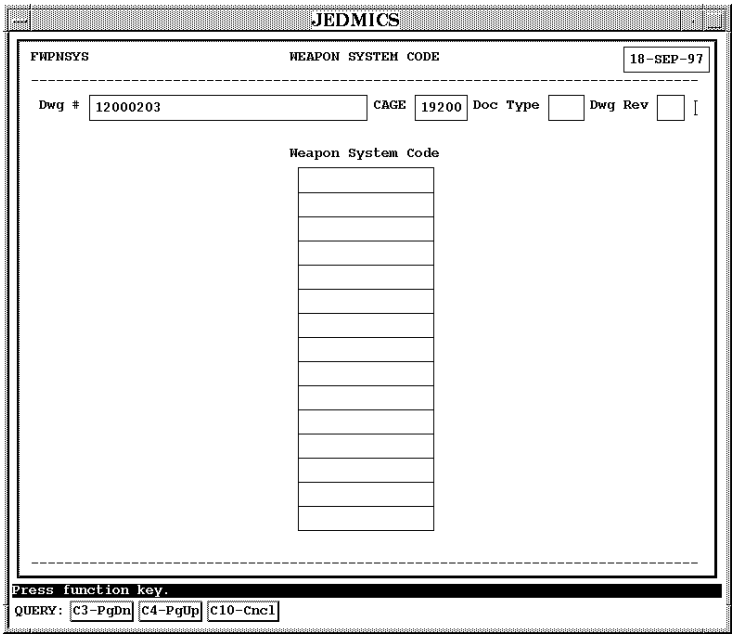

Figure 37.—Weapon System Code (QUERY) Screen

If the list of Weapon System Codes is long, use **C3-PgDn** and **C4-PgUp** to move up and down the list.

e. To return to the Drawing Map (SELECT) screen, select **C10-Cncl**.

For instructions on how to view, plot, or see additional detail on any of the images from the Drawing Map list, see the appropriate paragraphs that follow.

Any user can retrieve the index data for a Limited Rights record, but only users with Limited Rights access permission can view or plot the associated image. If you attempt to view or plot an image for which you do not have access permission, the system informs you that the image has restricted rights and will not display or plot it.

Viewing Drawing Map Images

Once the query has been executed from the Drawing Map (QUERY) screen, the results of one or more index records are listed in the Drawing Map (SELECT) screen. To view an image from the list, complete these steps:

a. Begin from the Drawing Map (SELECT) screen.

b. Use the TAB or SHIFT+TAB keys to place the cursor next to the record of the image you want to view.

c. Select **C2-View**. The system verifies that the appropriate platter is online in the jukebox. If the platter is not available, a platter offline message displays indicating the image cannot be retrieved. If the platter is online, the Productivity

Edge Image Editor launches and the Editor window, which contains the Editor menu bar, the View Toolbox, and the Edit Toolbox, opens at the top left of your screen.

The image you selected is then retrieved and displayed in a new window that opens just below the Editor window, on top of the Drawing Map screen. At the same time that the image is being displayed, the Drawing Map screen changes from SELECT mode to VIEW mode.

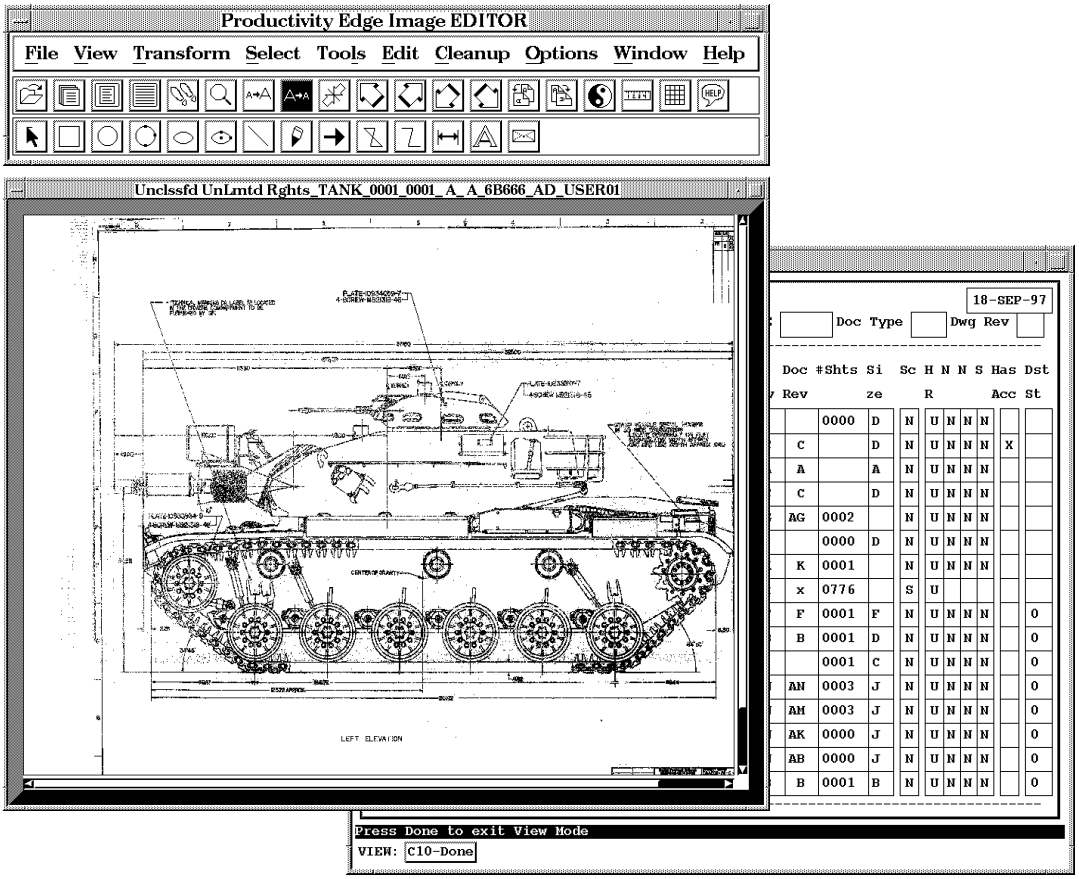

Figure 38.—Viewing a Drawing Map Image

If this is a multiple sheet/frame drawing, you can view up to four images of this drawing at the same time. Click the image window to make it the active window, and press the UP ARROW key. The second image will be retrieved and displayed. When you reach the maximum number of windows (set in the Configuration File) and go to display another image, the first image window closes and a new image window opens.

Use the Editor menu bar to select Window>Tile or Window>Cascade to rearrange the images displayed on your screen.

For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User's Guide*.

Drawing Map is a view-only function. Any edits made to an image retrieved through Drawing Map will not be saved.

d. To close an image that you were viewing, click the title bar of the Drawing Map (VIEW) screen to make it the active window and bring it to the foreground.

Avoid using the Editor File Menu commands to close an image or exit the Editor. Those commands apply to the image at the local workstation level and may not be recognized by JEDMICS when you return to the JEDMICS application.

e. Press **C10-Done**. The image window closes and the Drawing Map screen changes from VIEW mode to SELECT mode. You can now select another image or press **C10-Cancl** to return to the Drawing Map (QUERY) screen.

The Editor window remains available until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the window.

Plotting Drawing Map Images

Once a query has been executed from the Drawing Map (QUERY) screen, the results of one or more index records are listed in the Drawing Map (SELECT) screen. To print or plot a drawing from this list complete these steps:

a. Begin from the Drawing Map (SELECT) screen.

b. Place the cursor next to the desired record.

c. Select **C5-Plot**. This accesses the Plotter Selection Form screen.

d. Enter the output device of your choice. The available devices will be listed on the screen.

e. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen.

f. If your site adds site-specific data or codes to the open keypunch columns of the aperture cards you create, specify H or T type aperture card output, and the system automatically displays a third function key—C6-Edit Open Fields. Select **C6-Edit Open Fields** to display an `OPEN FIELDS FOR CARD TYPE {H OR T}` screen. H type cards have keypunch columns 36–38 as open fields. T type cards have keypunch columns 36–46 and 78–80 as open fields. These are optional fields and you can enter any alphanumeric value. To accept the data entered in the open fields, press **C2-Accept**.

g. Enter the appropriate parameters and select **C2-Accept** to queue your job for output. JEDMICS reports the job ID number for your print request.

h. Select **C10-Exit** twice to return to the Drawing Map (SELECT) screen.

Retrieving Drawing Map Accompanying Documents

If you searched for an accompanying document on the Drawing Map (QUERY) screen, the Accompanying Documents Summary (ADD) screen displays.

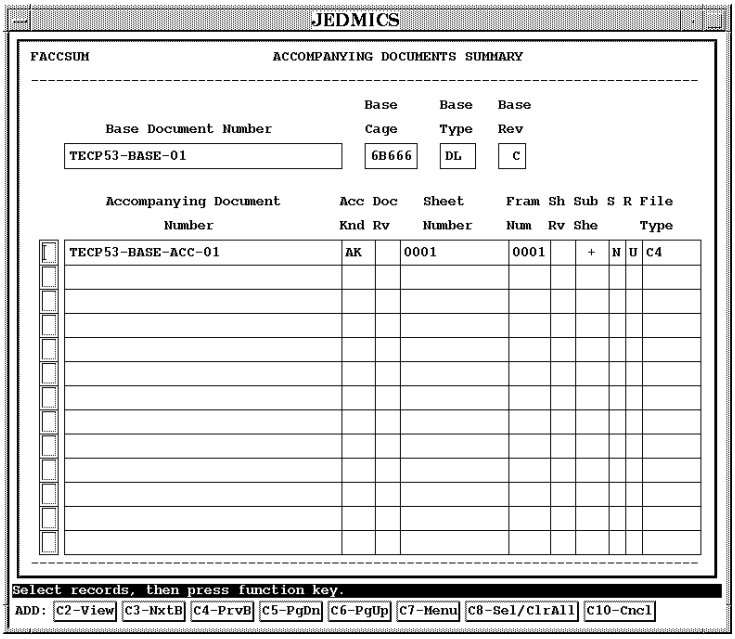

Figure 39.—Accompanying Documents Summary (ADD) Screen

a. The `Base Document Number` field at the top left shows the number of the first base document whose accompanying documents match the criteria you entered. There may be more than one base document that has accompanying documents that meet your criteria; to view any others that your query may have retrieved, use the **C3-NxtB** (Next Base) and **C4-PrvB** (Previous Base) functions.

   The Accompanying Documents Summary (ADD) screen lets you select one or more of the accompanying documents listed and view them.

   If the list of accompanying documents is too long to fit on one screen, use the **C5-PgDn** and **C6-PgUp** functions to scroll through the list.

b. To view index data or plot or export images, select the **C7-Menu** function key. The Accompanying Document Summary (OUTPUT) screen displays.

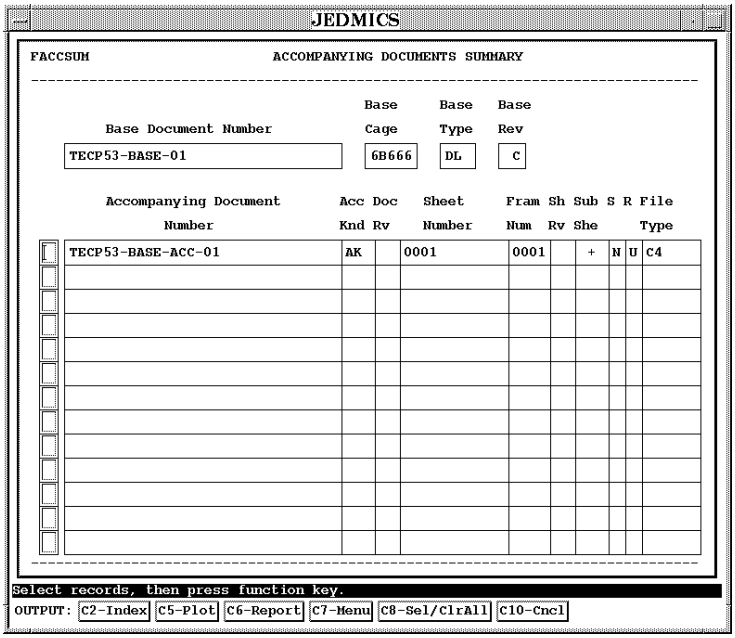

Figure 40.—Accompanying Documents Summary (OUTPUT) Screen

c. You can also view detailed index records from the Accompanying Documents Summary (OUTPUT) screen. Use **X** to select one or more of the accompanying documents listed, then select **C2-Index**. This displays the Drawing Data (IMAGES) screen.

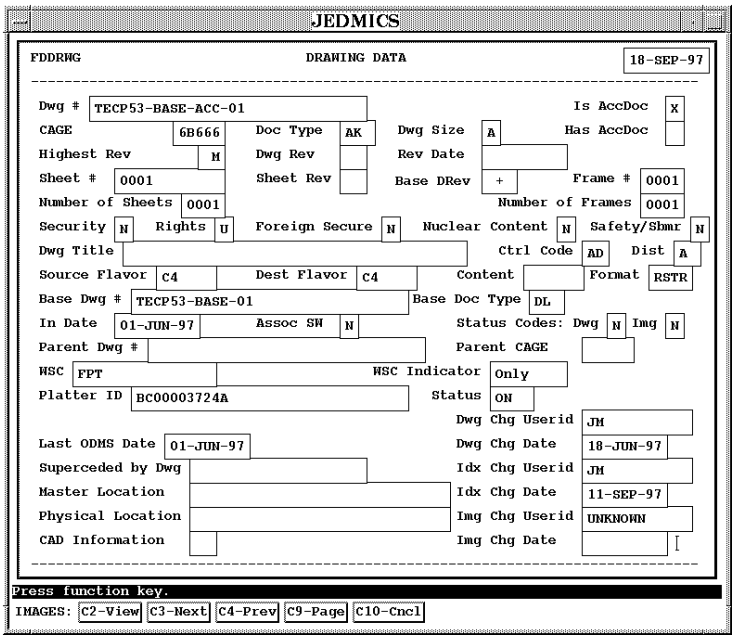

Figure 41.—Drawing Data (IMAGES) Screen

If you selected more than one accompanying document at the Accompanying Documents Summary (ADD) screen, use **C3-Next** and **C4-Prev** to view the index records for those documents.

Use **C9-Page** to switch to a second page of index data for the selected record. Use **C2-View** to launch the Productivity Edge Image Editor and display the document.

Viewing Accompanying Documents

From the Accompanying Documents Summary (ADD) screen:

a. Mark the accompanying document to be viewed by placing an **X** in the far left selection column.

b. Select **C2-View**.

   The Productivity Edge Image Editor launches and the selected document image displays. The Accompanying Documents Summary (ADD) screen remains in a window in the background.

c. To close the image being viewed, click the Accompanying Documents Summary (ADD) screen to make it the active window, and select **C10-Cncl**.

   The image window closes and you return to the Accompanying Documents Summary (ADD) screen.

Plotting Accompanying Documents

From the Accompanying Documents Summary (ADD) screen:

a. Mark the accompanying document to be plotted by entering an **X** in the far left selection column.

b. Select **C7-Menu**. The Accompanying Documents Summary screen switches to OUTPUT mode.

c. Select **C5-Plot**. This accesses the Plotter Selection Form.

d. Enter the output device of your choice.

e. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen.

f. Enter the appropriate parameters and select **C2-Accept** to queue for output. The job ID number displays on the status line.

When printing an accompanying document the identifying data shown on the leading edge of the paper is in this order: security classification, base drawing number, sheet number, frame number, base drawing revision, CAGE code, and document type. A sample follows.

```
Unclassified  TECP53-BASE-ACC-01  0001  0001  C  6B666  AK
```

g. Select **C10-Exit** twice to return to the Accompanying Documents Summary (OUTPUT) screen.

Printing an Accompanying Documents Report

To print a report that lists all of the accompanying documents that are associated with this index record, begin from the Accompanying Documents Summary (ADD) screen:

a. Mark the accompanying document to print a report for by entering an **X** in the far left selection column.

b. Select **C7-Menu**. The Accompanying Documents Summary screen switches to OUTPUT mode.

c. Select **C6-Report**. The Printer Selection Form screen displays.

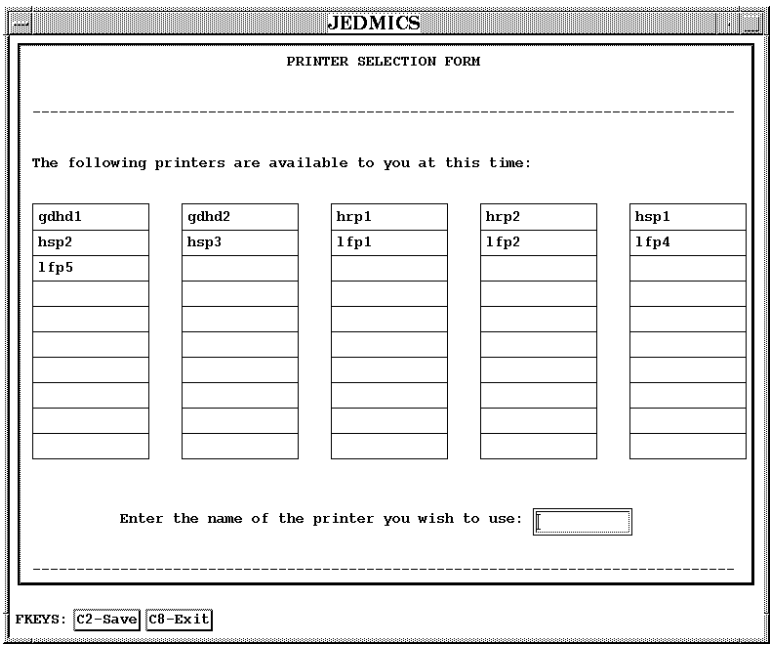

Figure 42.—Printer Selection Form Screen

d. Enter the printer of your choice and select **C2-Save**. This accesses the Printer Parameter Entry Form screen.

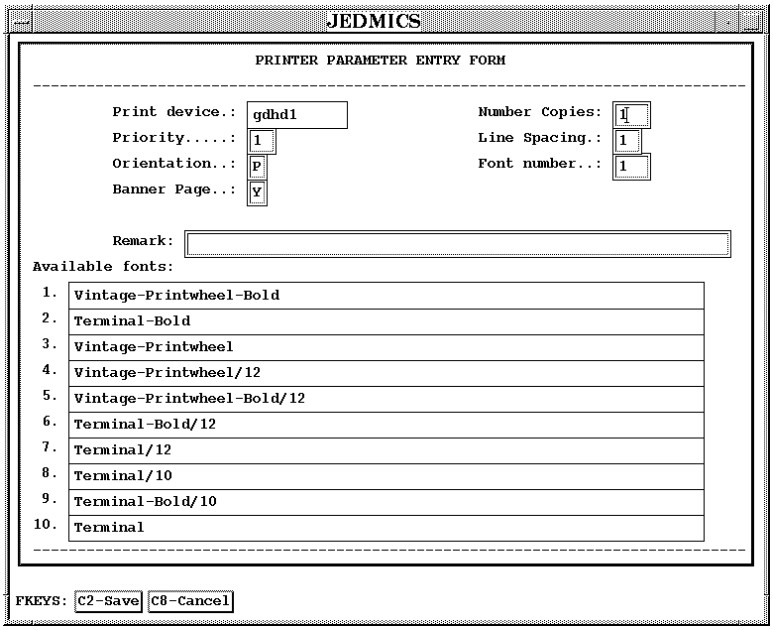

Figure 43.—Printer Parameter Entry Form Screen

e. Verify or revise the parameters and select **C2-Save**. Your print request is queued for output and the job ID number displays on the status line.

The system saves any changes you make to the parameters and uses them as the new defaults until you log off, when the parameters are reset to the system defaults.

f. Select **C8-Cancel**, then **C8-Exit** to return to the Accompanying Documents Summary (OUTPUT) screen.

Displaying Drawing Map Detail

The Drawing Map Detail function lists the sheets, sheet revisions, and frames associated with a specified drawing. Using the Productivity Edge Image Editor, the sheet/revision/frame of the drawing can be viewed. The detail data is sorted in the following order:

- Sheet number (ascending)
- Sheet revision (descending)
- Frame number (descending)

In some cases, the Drawing Map screens show different function keys if the record you select does not have an accompanying document. If the screen has different function keys, they are listed in the note text under the screen. The sample screens in this section show base documents that either include or do not include an accompanying document.

a. Begin from the Drawing Map (SELECT) screen displaying your query results.

b. Use the TAB key to position the cursor next to the record for which you want to see detail data. Select **C9-Detail**. The Drawing Map Detail (SELECT) screen displays.

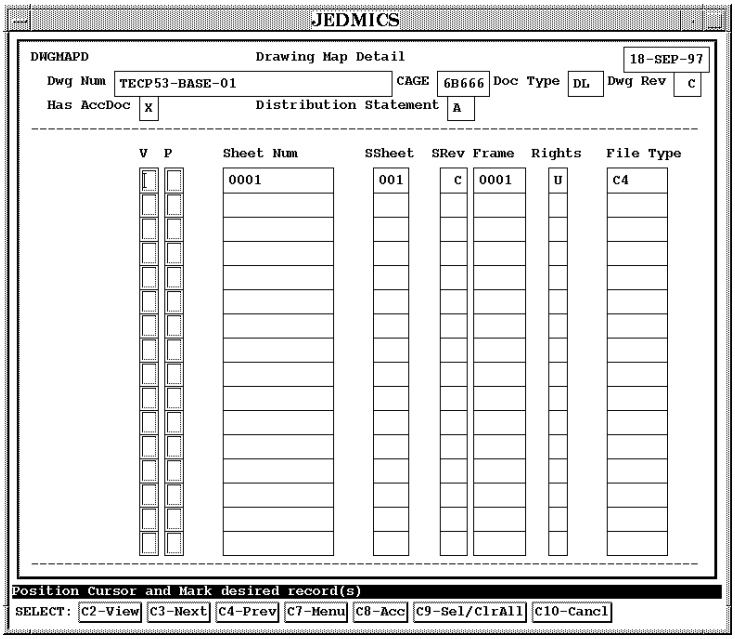

Figure 44.—Drawing Map Detail (SELECT) Screen

If the base document you select does not have an accompanying document, the Drawing Map Detail (SELECT) screen does not show the C8-Acc function key.

When you use the C8-Acc function key on the Drawing Map Detail (SELECT) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

Use the function keys on the Drawing Map Detail (SELECT) and (OUTPUT) screens to view a sheet or frame, view index data, or plot or export a sheet or frame. The following paragraphs describe these functions.

Viewing from Drawing Map Detail

From the Drawing Map Detail (SELECT) screen:

a. Choose the desired record for viewing by placing the cursor in the column labeled V (view) and typing **X**.

Use the TAB or SHIFT+TAB key to move the cursor between the view and plot columns.

b. Select **C2-View**. This launches the Productivity Edge Image Editor application and opens the Editor window at the top left of your screen. The Editor window contains the Editor menu bar, the View Toolbox, and the Edit Toolbox.

   The selected image is retrieved and displayed in a separate window on your screen. The Drawing Map Detail screen switches to the VIEW mode and remains in a window in the background.

   For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User's Guide*.

Drawing Map is a view-only function. Any edits made to an image retrieved through Drawing Map will not be saved.

c. To close an image that you were viewing, click the title bar of the Drawing Map Detail (VIEW) screen to make it the active window and bring it to the foreground.

Avoid using the Editor File Menu commands to close an image or exit the Editor. Those commands apply to the image at the local workstation level and may not be recognized by JEDMICS when you return to the JEDMICS application.

d. Press **C10-Done**. The image window closes and you return to the Drawing Map Detail (SELECT) screen. You can now retrieve another image or press **C10-Cancl** to return to the Drawing Map (SELECT) screen.

The Editor window remains available until you exit out of JEDMICS. If you prefer you can minimize the window by clicking once on the minimize button in the upper right corner of the window.

Viewing Index Data from Drawing Map Detail

From the Drawing Map Detail (SELECT) screen:

a. Place an **X** in the V (view) column to choose the record for which you want to view index data.

Use the TAB or SHIFT+TAB key to move the cursor between the view and plot columns.

b. Select **C7-Menu**. This accesses the Drawing Map Detail (OUTPUT) screen.

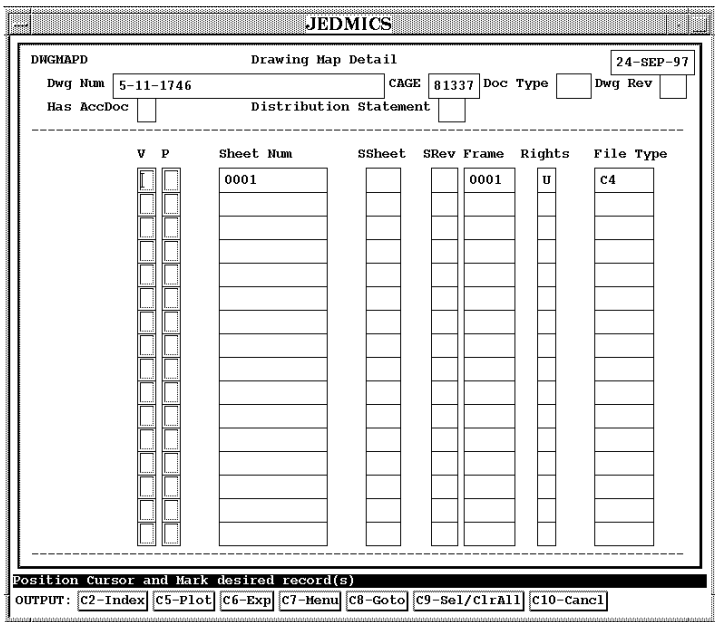

Figure 45.—Drawing Map Detail (OUTPUT) Screen

c. Select **C2-Index**. This accesses the Drawing Data (IMAGES) screen.

Use the function keys to view the image or to see the second page of index data.

d. Select **C10-Cancl** to return to the Drawing Map Detail (OUTPUT) screen.

Plotting from Drawing Map Detail

a. You may choose to plot a specific sheet or frame of a drawing listed on the Drawing Map Detail (SELECT) screen. Choose the desired record to plot by placing the cursor in the P (plot) column and typing **X**.

Use the TAB or SHIFT+TAB key to move the cursor between the view and plot columns.

b. Select **C7-Menu**. The Drawing Map Detail screen switches to the OUTPUT mode.

c. Select **C5-Plot**. This accesses the Plotter Selection Form.

d. Enter the desired output device.

e. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen.

f. Enter the appropriate parameters and select **C2-Accept** to queue for output. JEDMICS reports the job ID number for your print request.

g. Select **C10-Exit** twice to return to the Drawing Map Detail (OUTPUT) screen.

Exporting from Drawing Map Detail

You may choose to export a specific sheet or frame of a drawing listed on the Drawing Map Detail (SELECT) screen to your workstation disk drive.

a. Choose the desired record to export by placing the cursor in the V (view) column and typing **X**.

Use the TAB or SHIFT+TAB key to move the cursor between the view and plot columns.

b. Select **C7-Menu**. The Drawing Map Detail screen switches to the OUTPUT mode.

c. Select **C6-Exp**. This accesses the Workstation Import/Export screen.

d. Enter the full path and file name for the destination file to which the image is to be exported, for example, **{c:\tmp\image.c4}**.

Check with your system administrator to identify if any export file naming conventions are to be followed.

e. Select **C2-IMPEXP**. If you entered a local file name that already exists, the system prompts you to acknowledge that before you continue. Press any key to acknowledge; then, select **C2-Cont** to continue.

   The system displays a dialog box that asks if you want to convert the image to ASCII with Calera software.

   If you do NOT want to convert this image to a PCX format, but want to export it as a JEDMICS C4 format image, select **Cancel**. The system exports the image to the designated file and displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

   OR

   If you DO want to convert the file to PCX file format, select **Yes**. The system converts the file to PCX format and exports it. The system displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

3.5 Using the Repository Data Research Tool

The Repository Data Research Tool lets you combine JEDMICS images into groups, called repository data sets, to support various engineering functions. Repository data sets serve the same purposes as Data Lists (DL) and Technical Data Packages (TDP). Repository data sets do not contain the actual images; they contain "pointers" to permanently stored JEDMICS images. Actions taken on repository data sets, such as add or delete, do not affect the permanent image or index record.

Using the Repository Data Research Tool, you can query for existing repository data sets or create new ones. When querying existing sets, you can initiate a specific search based on available criteria. Using a wildcard character (for example, %) in conjunction with other characters is acceptable, and can help narrow down the search when partial information is available.

The create function lets you define a new repository data set and add images to it. When you add, you can add either all or selected sheets, subsheets, or frames of a permanently stored drawing.

Maintenance functions of the Repository Data Research Tool let you add, delete, copy, merge, and modify existing repository data sets. The add function is used to include additional images in an existing set, while the delete function is used to remove images from a set. An existing set can be copied to a new set with a different identifier, or merged into another existing set.

Repository data sets remain on the system until they are deleted by a user with an appropriate access level. The responsibility for deletion is determined at the specific site location. Questions regarding deletion procedures and responsibilities should be discussed with your system administrator.

The functions that a user can perform on a repository data set are determined by a combination of user class authorization and data set permission. The following table shows how permissions and authorizations work together.

RDRT Permission	User Class Authorization		
	To View	To Print_Plot	To Modify
Public	view only	view/print/plot	view/print/plot/modify
Protected	view only	view/print/plot	view/print/plot/modify within user class
Private	view only	view/print/plot	view/print/plot/modify by originator only
Locked	view only	view/print/plot	view/print/plot/originator can only modify permissions

If you are unable to execute some of the functions described in this chapter, you should verify that you have the appropriate authorizations and permissions.

Accessing Repository Data Research Tool

From the Drawing Data Retrieval menu, select **Repository Data Research Tool**.

This accesses the Repository Data Set (ENTRY) screen.

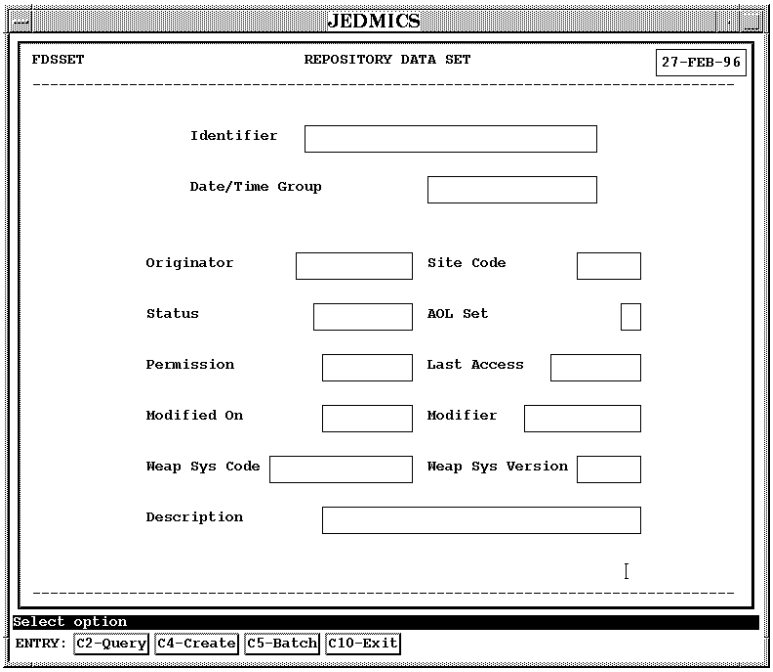

Figure 46.—Repository Data Set (ENTRY) Screen

Use the appropriate function key to select the function you want to accomplish:

- C2-Query — searches for an existing repository data set
- C4-Create — creates a new repository data set
- C5-Batch — batch loads repository data sets
- C10-Exit — returns you to the Drawing Data Retrieval Menu screen

For detailed instructions on using any of the Repository Data Research Tool options, refer to the appropriate paragraph within this section.

Creating a Repository Data Set

The create function of the Repository Data Research Tool provides the ability to construct new repository data sets using permanent documents/images available in JEDMICS. Using this function, documents/images can be added to a new repository data set. Images within documents may be independently added to new sets by selecting specific images from one set to add or move to another.

a. From the Repository Data Set (ENTRY) screen, select **C4-Create**. The screen mode changes to CREATE.

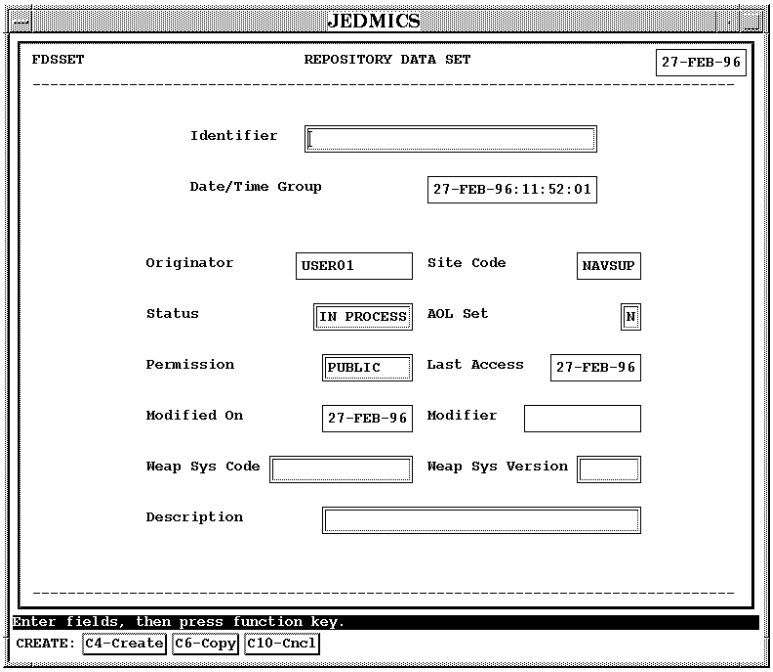

Figure 47.—Repository Data Set (CREATE) Screen

The Repository Data Set (CREATE) screen contains 13 data fields. The data entered here is used to create a header for the new repository data set. These fields and the information they contain are described in the following table.

When you name a repository data set, do not use the ampersand (&) character in the name. Certain special characters cause a conflict with SQL if you enter them on the Repository Data Set screens. These characters are percent (%), underscore (_), and apostrophe or single quotation mark (‘). You can still use the % (percent) and _ (underscore) characters, with at least one significant character, for database searches.

Field	Description
Identifier	The name that the user gives the data set when it's created. Can be up to 32 characters. (The Identifier and the Date/Time Group, described below, together provide a unique identification for each data set: While the same Identifier could be given to multiple data sets, the Date/Time Group for each of those sets would be different, so no two data sets could ever have the same combination of Identifier and Date/Time Group.)
Date/Time Group	The system automatically fills in the date and time when the data set is created. (The Date/Time Group and the Identifier, described above, together provide a unique identification for each data set.)
Originator	The system automatically fills in the user ID of the user who creates the data set.
Site Code	The system automatically fills in the Site Code that identifies the JEDMICS site where the data set is created.
Status	The system sets the status to "In Process" when the data set is created. After the data set has been completed, the user who created the set can modify the status to "Complete."
AOL Set	This field defaults to N (no), which means the data set that is being created is not being used as an Acquisition Ordering List (AOL). If the set is being used as an AOL, the user must change this field to Y (yes).
Permission	User establishes permission to determine who can modify data set. **Public** (Default) - data set can be modified by any user. **Protected** - data set can be modified by creator and any users with the same class. **Private** - data set can only be modified by the user who created it. **Locked** - data set cannot be modified by any user including creator, but can be unlocked by creator.
Last Access	The system automatically updates this field with the current date any time the data set is accessed.
Modified On	The system fills in this field with the date on which the set was last modified.
Modifier	The system fills in this field with the user ID of the last person who modified the set.
Weap Sys Code	The user has the option of entering a Weapon System Code in this field.
Weap Sys Version	The user has the option of entering a Weapon System Version in this field.
Description	The user has the option of typing a description of the data set in this field.

Any user who has the appropriate permission level can modify the user-definable fields described above at any time after the data set has been created. Refer to *Modifying Repository Data Sets, Modifying the Header*.

b. Enter data in the appropriate blank fields. Press the TAB key to move forward from one field to the next and SHIFT+TAB to move backwards.

c. When you have finished entering the data, select **C4-Create**. The system creates an empty repository data set and displays the Document Number Input (ADD) screen for the documents to be added to the new set.

If the creation process is cancelled after creating the header (by selecting C10-Cncl) the empty repository data set will be stored and you will be returned to the screen of origin. Refer to the *Modifying Repository Data Sets* paragraphs for instructions on adding documents to the empty set.

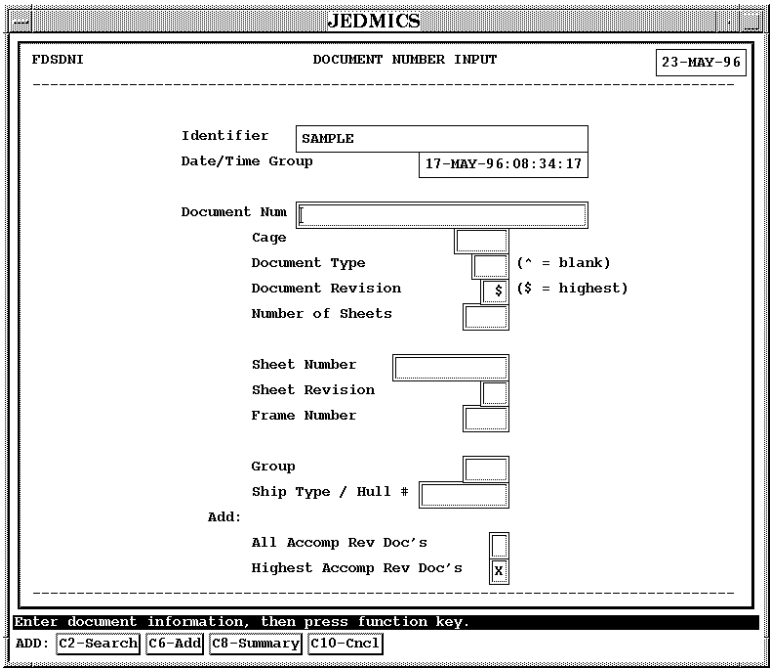

Figure 48.—Document Number Input (ADD) Screen

When you use the Document Number Input (ADD) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

The Document Number Input (ADD) screen permits you to specify which documents will be included in a repository data set. If you know the identifying data of the document(s) you want to add, you can enter the information directly. If only

partial identifying data is known, you can use wildcard characters to assist the search. Refer to the appropriate paragraphs that follow for instructions on how to add documents.

Adding Documents to a Newly Created Repository Data Set

If you know which documents you want to add to the newly created repository data set, you can specify them by entering the identifying data directly.

At the Document Number Input (ADD) screen:

a. Enter the identifying data of the document you want to add in the appropriate field(s).

The C6-Add function automatically adds all versions of the specified base document, along with associated documents and accompanying documents, depending on the values in the Document Number Input (ADD) screen. You will not be given an opportunity to verify or edit those documents before they are added. Take a moment to ensure that you have specified the appropriate identifying data.

(1) Document Type

- To add all document types, leave the `Document Type` field blank. This is the system default.
- To add only those documents with a null document type, enter a ^ symbol (the SHIFT key + the numeral 6 key) in this field.

(2) Document Revision

- To add only the highest revision of a base document, use the system default "$".
- To add all revisions of the base document, delete the system default and leave the field blank.

(3) Accompanying Documents

- To add only the highest revision of any accompanying documents associated with the base document, enter an **X** in the `Add:Highest Accomp Rev Doc's` field. (This is the system default and will automatically appear each time the Document Number Input (ADD) screen is accessed.)
- To add all accompanying documents associated with the base document, enter an **X** in the `Add:All Accomp Rev Doc's` field. (You may need to delete the X in the `Highest Accomp Rev Doc's` field.)
- To add only the base document and no accompanying documents, leave both of the `Accomp Rev Doc's` fields blank. (You may need to delete the X from one of the fields.)

b. Select **C6-Add**. The number of images added to the repository data set is reported on the status line and you remain at the Document Number Input (ADD) screen to continue adding documents.

If the document being added is classified or limited rights data, a classification warning displays. Press any key to acknowledge the message.

Conducting a Search to Add Documents to a Newly Created Repository Data Set

If you have incomplete information for the document that you want to add to the set, or want to select specific accompanying documents to include, you can conduct a search to identify documents that meet your criteria.

At the Document Number Input (ADD) screen:

a. Enter any available search criteria.

At a minimum, you must enter one significant character and a wildcard character in the `Document Num` field. You can use these wildcard characters to assist the search. A percent sign (%) represents multiple characters and the underscore (_) represents a single character.

b. Select **C2-Search**.

JEDMICS searches the database to identify documents that meet the criteria. The results of the search may be single or multiple documents.

If a single document meets the search criteria, the information for that document displays on the Image List (ADD) screen.

If the query identifies multiple documents, either the Document Directory List (ADD) screen or the CAGE List (ADD) screen displays.

Refer to the appropriate paragraphs that follow for instructions on how to proceed.

If the query results in no records being found, a `No Records Found` message displays on the status line and the query criteria remain on the screen to be modified or revised for a subsequent query.

From the Image List (ADD) screen:

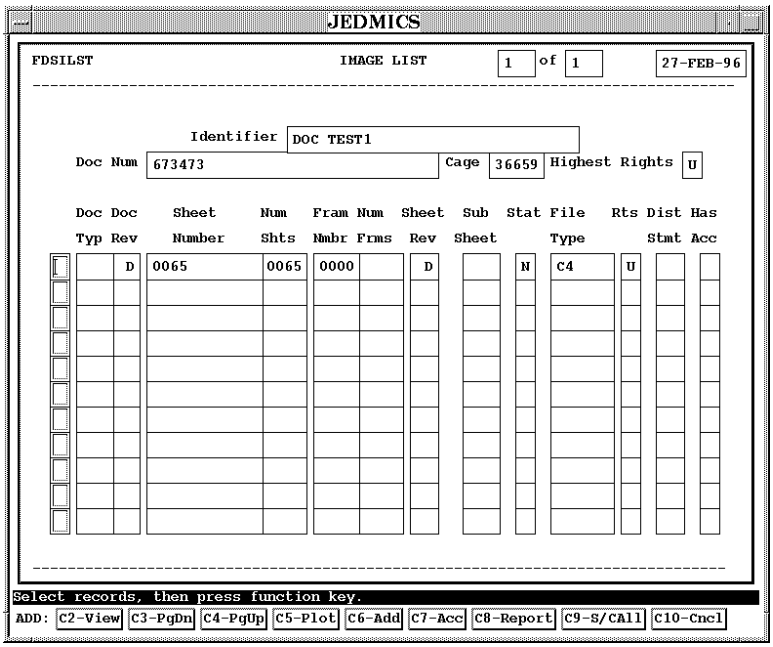

Figure 49.—Image List (ADD) Screen

To add sheets and their accompanying documents to the repository data set:

(1) Enter an **X** next to each image to be added to the set.

(2) Select **C6-Add** to include the images in the repository data set. If the document being added is restricted or limited rights data, a classification warning screen displays. Acknowledge it by pressing **C2-Continue**. The document is added to the repository data set. You remain at the Document Number Input (ADD) screen to continue adding documents.

To selectively identify accompanying documents to add to the repository data set:

(1) Enter an **X** in the far left selection column of the image with accompanying documents.

(2) Select **C7-Acc**. This accesses the Accompanying Documents (ADD) screen displaying a listing of the accompanying document(s).

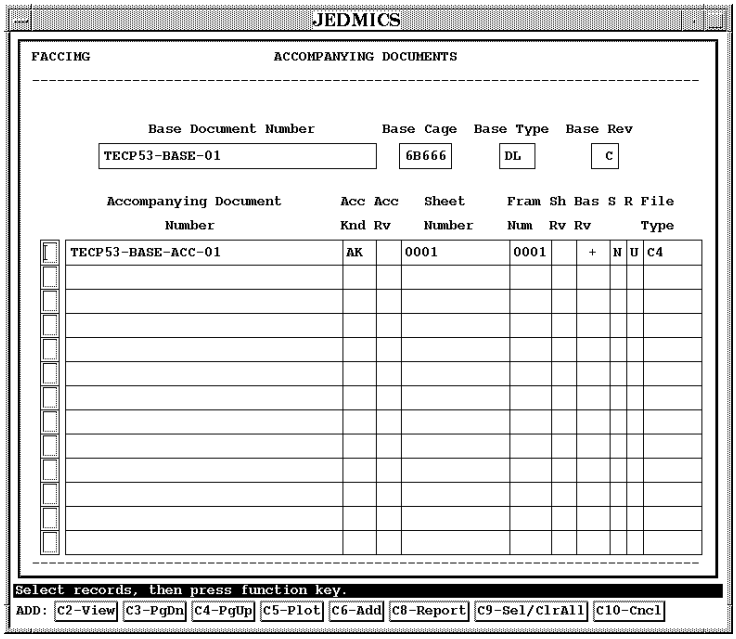

Figure 50.—Accompanying Documents (ADD) Screen

(3) Enter an **X** in the far left selection column of each accompanying document you want to add.

(4) Select **C6-Add**. The image records are added to the repository data set.

(5) Select **C10-Cncl** to return to the Image List (ADD) screen.

<u>From the Document Directory List (ADD) or CAGE List (ADD) screen:</u>

If the search results in multiple documents being found, the information is shown on the Document Directory List (ADD) screen. If one document with multiple CAGE codes is found, the information is shown on the CAGE List (ADD) screen.

The process for adding documents is the same from either screen.

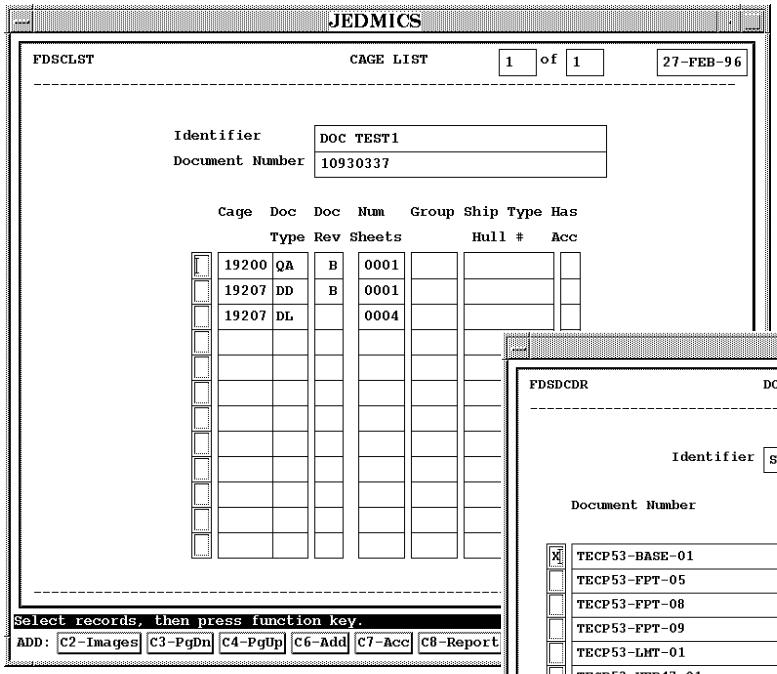

Figure 51.—CAGE List (ADD) Screen

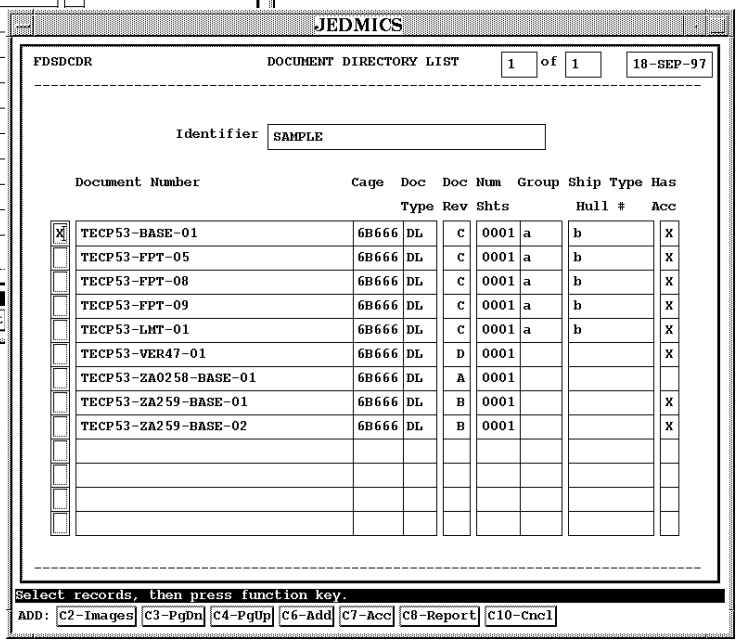

Figure 52.— Document Directory List (ADD) Screen

When you use the C7-Acc function key on the Document Directory List (ADD) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

To add documents and all selected accompanying documents to the repository data set:

(1) Place an **X** next to each document you want to add to the new set.

(2) Select **C6-Add**.

The selected documents are added, and you return to the Document Number Input (ADD) screen.

(3) Continue to add documents, select **C8-Summary** to see a summary of the data set, or select **C10-Cncl** to return to the Repository Data Set (CREATE) screen.

To add only specific accompanying documents to the repository data set:

(1) Enter an **X** next to the document that has accompanying documents.

(2) Select **C7-Acc**. This accesses the Accompanying Documents (ADD) screen displaying a listing of the accompanying documents for this base document.

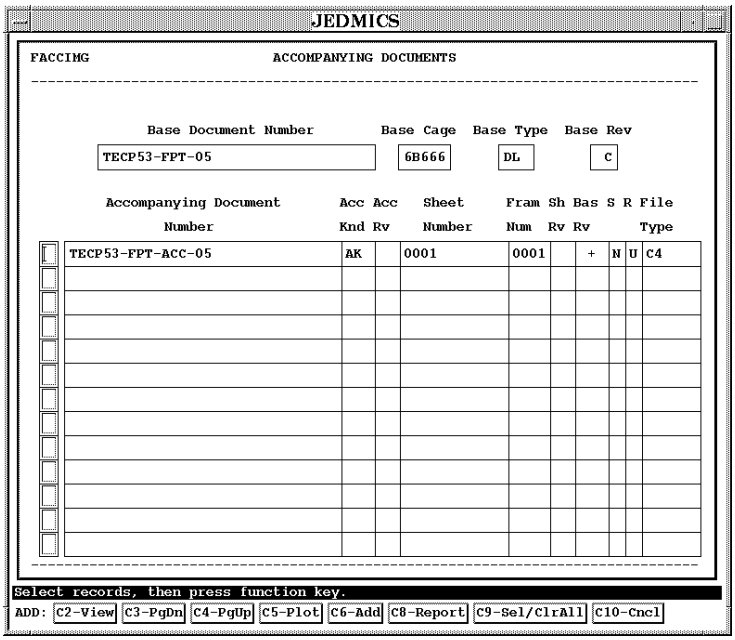

Figure 53.—Accompanying Documents (ADD) Screen

(3) Enter an **X** next to each accompanying document you want to add. To mark all of the accompanying documents, use the **C9-Sel/ClrAll** function; use the same function again to clear all the selections.

(4) Select **C6-Add**. The accompanying documents are added to the repository data set and you return to the Document Number Input (ADD) screen.

The base document must be in the data set before you can selectively add its accompanying documents.

(5) Continue to add documents, select **C8-Summary** to see a summary of the data set, or select **C10-Cncl** to return to the Repository Data Set (CREATE) screen.

Copying to Create a Repository Data Set

You may want to use the contents of an existing repository data set as the basis for creating a new repository data set. To do this, first create a new repository data set, then copy the contents of an existing repository data set or sets into the new repository data set.

a. From the Repository Data Set (ENTRY) screen, select **C4-Create**.

   The screen changes to the CREATE mode. The system fills in the `Date/Time Group`, `Originator`, `Site Code`, `Status`, `AOL Set`, `Permission`, `Last Access`, and `Modified On` fields.

b. Enter data in the appropriate user-definable fields. You must fill in at least the `Identifier` field. The data entered here is used to create a header for the new repository data set.

c. Select **C6-Copy**. The system creates an empty repository data set, using the new Identifier, and displays the Copy/Merge Data Set (Copy) screen.

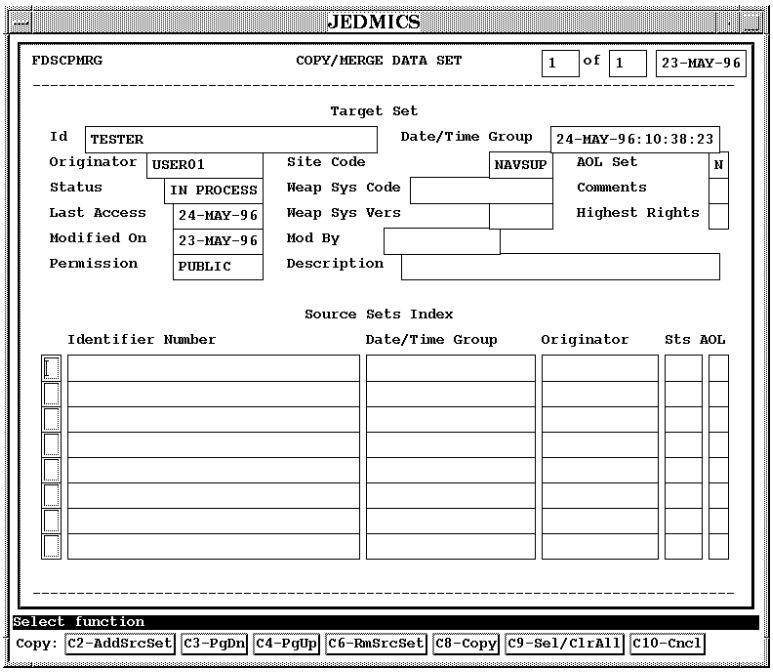

Figure 54.—Copy/Merge Data Set (Copy) Screen

d. To identify the repository data set(s) you want to copy, select **C2-AddSrcSet**. The Repository Data Set (QUERY) screen displays.

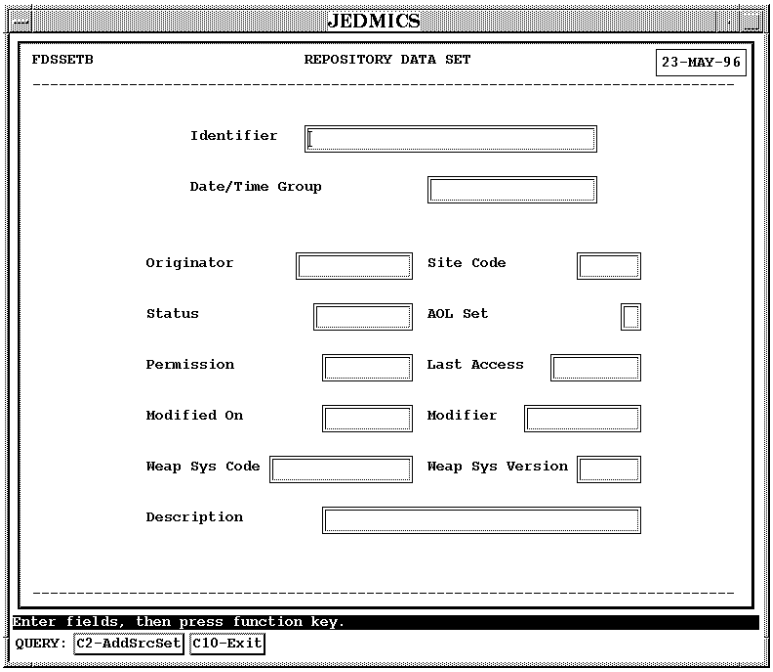

Figure 55.—Repository Data Set (QUERY) Screen [Form FDSSETB]

There are two Repository Data Set (QUERY) screens. The other, which has the form name FDSSET in the upper left corner, is shown in the paragraphs under *Accessing Repository Data Sets*. There are four functions available from that screen. The Repository Data Set (QUERY) screen that you use here, when you are copying data sets, has the form name FDSSETB and has only two functions available.

e. Enter information in at least one of three fields: `Identifier`, `Date/Time Group`, or `Originator`.

Global searches are not permitted. Any field that you complete must have at least one significant character. You can use a wildcard with that character, but the entries %, _, %_, and _% are invalid. If you leave these fields blank or enter an invalid value, the system displays the message `Please enter Identifier, Date/Time Group, or Originator`. To acknowledge the message and clear it from your screen, press any key on your keyboard or click OK with your mouse.

f. Select **C2-AddSrcSet**.

If the result is one specific set, the system locates the set and displays `One source set added to list` on the screen's status line.

OR

If the result of the query is multiple sets, all sets matching the query criteria displays on the Repository Data Set Index (Add) screen.

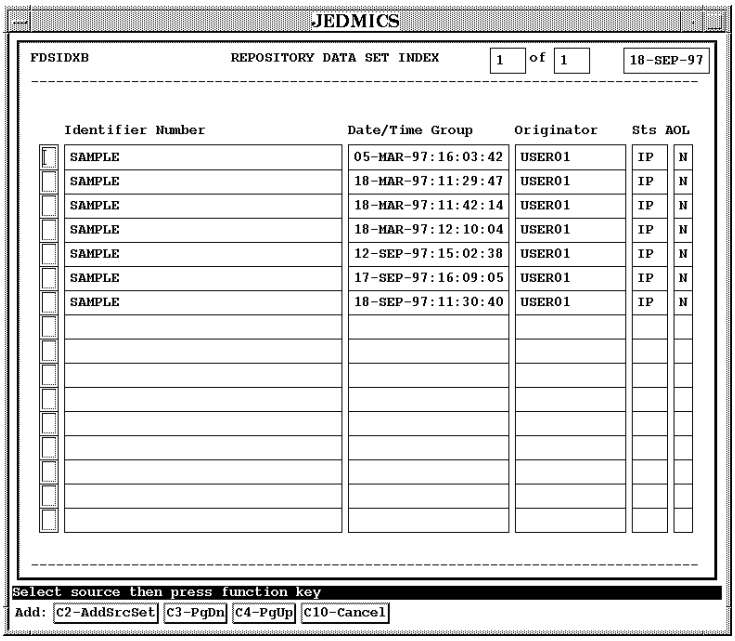

Figure 56.—Repository Data Set Index (Add) Screen

(1) Place an **X** next to each set that you want to copy into the newly created set.

(2) Press **C2-AddSrcSet**. The images will be marked to copy into the newly created set and the Repository Data Set (QUERY) screen redisplays.

g. You may continue to query for and mark repository data sets to be copied by repeating steps e and f.

h. After identifying and marking all of the repository data sets whose images you want to copy to the new set, press **C10-Exit**. You return to the Copy/Merge Data Set (Copy) screen. The `Source Sets Index` list in the bottom half of the screen now shows the data sets that you marked to be copied into the new set.

i. Review the sets that are listed. If you added a set in error, you can remove it from the list by placing an **X** in the far left selection column next to each set you want to remove, and selecting **C6-RmSrcSet**. The screen changes to the RmSrc mode. Make sure that each set you want to remove from the list is selected with an X, then select **C6-Remove**. The screen changes back to the Copy mode, which no longer lists the source sets you removed.

j. Place an **X** next to each set on the list that you want to copy into the newly created set. To select all of the sets on the list, use **C9-Sel/ClrAll**. This key toggles between selecting all records and clearing all selections.

k. Select **C8-Copy**. All of the images contained in the selected data sets are copied to the newly created set and the system displays the Repository Data Set (CREATE) screen. The screen's status line displays a message validating the creation of the new set.

If any of the documents to be added are classified or limited rights data, a classification warning message displays and must be acknowledged to complete the process.

l. To exit to the Repository Data Set (ENTRY) screen, select **C10-Cncl**.

m. To check the contents of your new set, select **C2-Query**, type in the new set's Identifier, and select **C2-Search**. This displays the Repository Data Set Summary (SUM) screen for the new set.

Batch Loading Repository Data Sets

Repository data sets can be created manually (as described in the *Creating a Repository Data Set* section) or automatically by downloading pull files (also known as flat files) from external sources into JEDMICS using a batch load utility. A pull file is an ASCII text file containing one or more 50-character data lines. There are three steps involved in batch loading pull files into a repository data set. First, the pull files are extracted from an outside source. They are then copied from the Import Server to the local hard drive of a specified workstation. Finally, the file is accessed on the specified workstation and manipulated using the Repository Data Research Tool batch load function. The first two steps are typically performed by your system administrator or other authorized user and are not documented here. Instructions for accomplishing the final step, using the repository data set batch load function to manipulate the file, are provided here.

Because the batch load process is lengthy, it should be run using a user profile that has a maximum idle time high enough to prevent the workstation screen lock from activating and stopping the loading process.

a. From the Repository Data Set (ENTRY) screen, select **C5-Batch**. This displays the Repository Data Set Batch (ENTRY) screen.

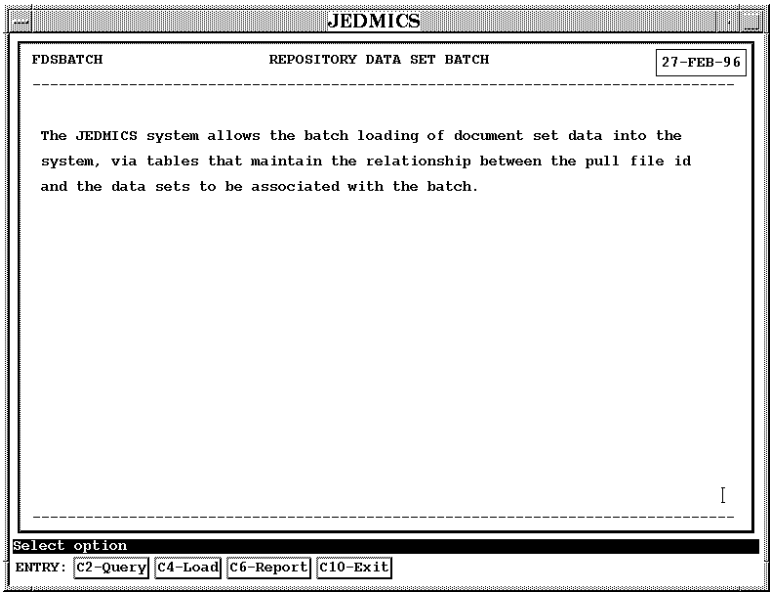

Figure 57.—Repository Data Set Batch (ENTRY) Screen

b. Select **C4-Load** to display the Repository Data Set Batch Load (LOAD) screen.

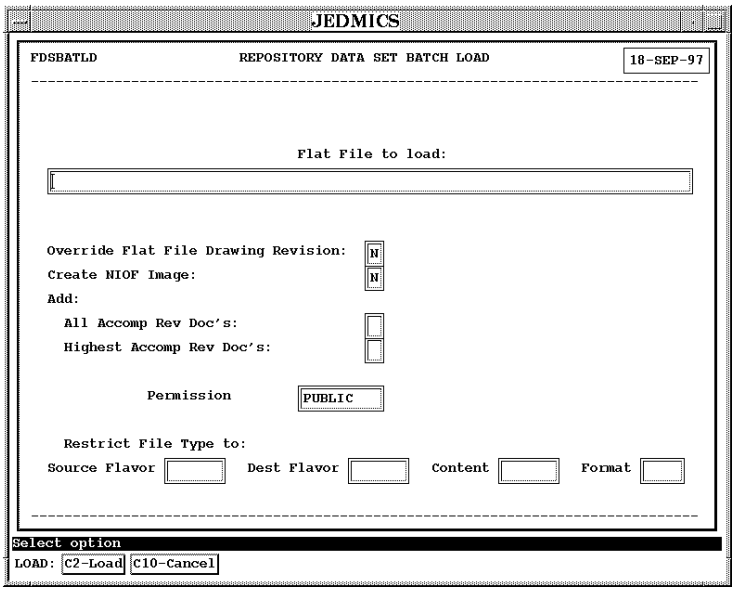

Figure 58.—Repository Data Set Batch Load (LOAD) Screen

When you use the Repository Data Set Batch Load (LOAD) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

c. Type in the full path and file name of the pull file to be loaded. Be sure that the directory you type in exists and that you enter the correct file name.

d. Select or set values in the following fields to determine which drawing revisions and which accompanying document revisions will be included in the new repository data set.

JEDMICS uses the drawing book algorithm to determine which frames and accompanying document sheets will be added to the new repository data set. In addition, if the pull file specifies sheet number ‘000’, JEDMICS uses the drawing book algorithm to determine which sheets will be loaded into the new data set.

`Override Flat File Drawing Revision:`

- The default value, N (no), means that whatever drawing revision is specified in the pull file is the revision of the drawing that will be inserted into the new repository data set.
- If you change the value in the field to Y (yes), the highest revision of the drawing that’s in your JEDMICS database will be loaded into the new data set. This revision may be the same as the one that’s specified in the pull file, or it may be higher.

If the highest revision in the database is lower than the revision specified in the pull file, JEDMICS will not load the lower revision, but will log a ?REV? error code in the Batch Load Exceptions report.

`Create NIOF Image:`

- If the value remains at the N default, loading a pull file that specifies a sheet that does not exist in the database will generate an error (EXT DOCNUM) that will be reported in the Batch Load Parse report and the Batch Load Exceptions report.
- If you change the value to Y, the system will create and add to the new repository data set an NIOF (No Image on File) index record for any drawing in the pull file that does not exist within JEDMICS. Each of these NIOF records will be given the default values Security = N, Rights = U, No Foreign = N, Nuclear = N, and Safety Sub = N.

If an image that matches the NIOF index record is migrated to JEDMICS later, the NIOF in the index record will be replaced with the appropriate file format type.

```
Add:
   All Accomp Rev Doc’s
   Highest Accomp Rev Doc’s
```

The values in these fields determine which of the accompanying documents associated with the base documents in the pull file are loaded into the new repository data set.

Only one of these fields can be selected. If both are, JEDMICS displays an error message.

- If there is an X in the `Add:Highest Accomp Rev Doc's` field, only the highest revision of each accompanying document will be added.
- If there is an X in the `Add:All Accomp Rev Doc's` field, all of the accompanying documents associated with each document will be added.
- If *both* fields are blank, only the base and accompanying documents specified in the pull file will be added to the repository data set; no other accompanying documents will be added.

e. Select a new value for the `Permission` field or leave the default value, "PUBLIC."

If the value is—	The new repository data set—
Public	can be accessed and modified by anyone.
Protected	can be modified by any user who belongs to the same user class as the user who created it.
Private	can be modified only by the user who created it.
Locked	cannot be modified. It can be unlocked by the user who created it.

f. Complete the `Restrict File Type to:` fields, if desired.

If you leave the file format fields blank, JEDMICS does not restrict the pull file to a specific file type. If you specify a file type, the Batch Load Exception Report shows a status of ?TYPE? for any drawing/sheet in the pull file that does not contain that file format. If you select the `Create NIOF Image` option, you cannot use the `Restrict File Type` option. If you enter an incorrect file type, JEDMICS displays the Select File Type screen.

g. Select **C2-Load** to begin the batch load process. As the system begins to load the files, it displays one of three messages in the status line:

- If no errors occur—
  `Appending record {n} to data set PRON NUM . . . .`
- If an error occurs—
  `{n} records read.  {n} errors were logged (see report).  Press any key to acknowledge message.`
- If the pull file fails format validation—
  `The flat file did not pass format validation. Please verify that the correct file name was entered.`

The system checks the completeness of the pull file during loading. If the file doesn't pass the checks the system requests verification for the next action.

h. After the batch load has been completed successfully, the system displays an acknowledge message. Select **OK** to clear the message. The status line then displays the date, the time, and the message `Batch {n} Complete`.

i. Select **C10-Cancel** to return to the Repository Data Set Batch (ENTRY) screen from which you started.

Querying Batch Loaded Repository Data Sets

Once you have loaded the contents of a pull file into JEDMICS, you can use a query function to get a listing of the contents of the loaded pull file, print the batch load list for a specified pull file, or plot the images of specified data sets in the pull file. Aperture card output that is generated from the batch load plot function will include pull file sequence numbers, printed in columns 69–73, and the PRON number or data set name, printed in columns 61–68.

From the Repository Data Set Batch (ENTRY) screen:

a. Select **C2-Query**. The Repository Data Set Batch Query (QUERY) screen displays.

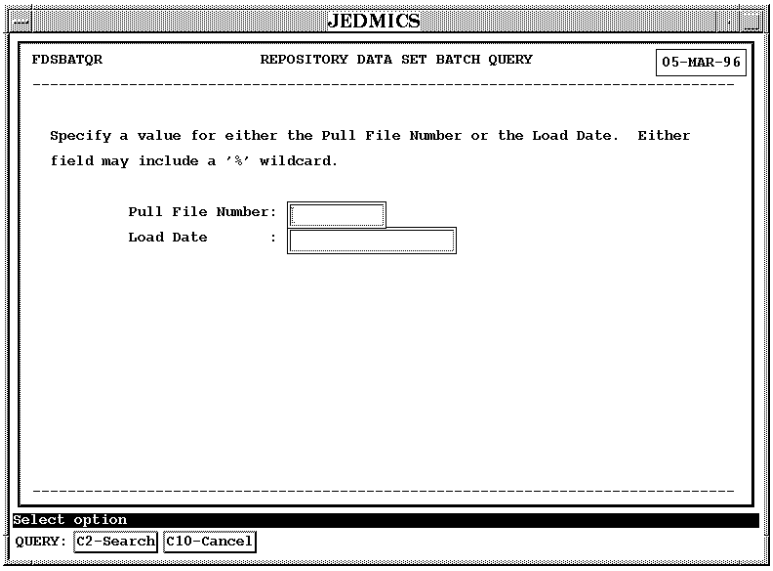

Figure 59.—Repository Data Set Batch Query (QUERY) Screen

b. Enter a pull file number or a load date as search criteria. The load date format is DD-MMM-YY:HH:MM:SS. You can use the percent sign (%) wildcard in either field to assist the search.

c. Select **C2-Search**. JEDMICS searches for all repository data set batches in the database that match your search criteria and displays the results on the Repository Data Set Batch Load List (LIST) screen.

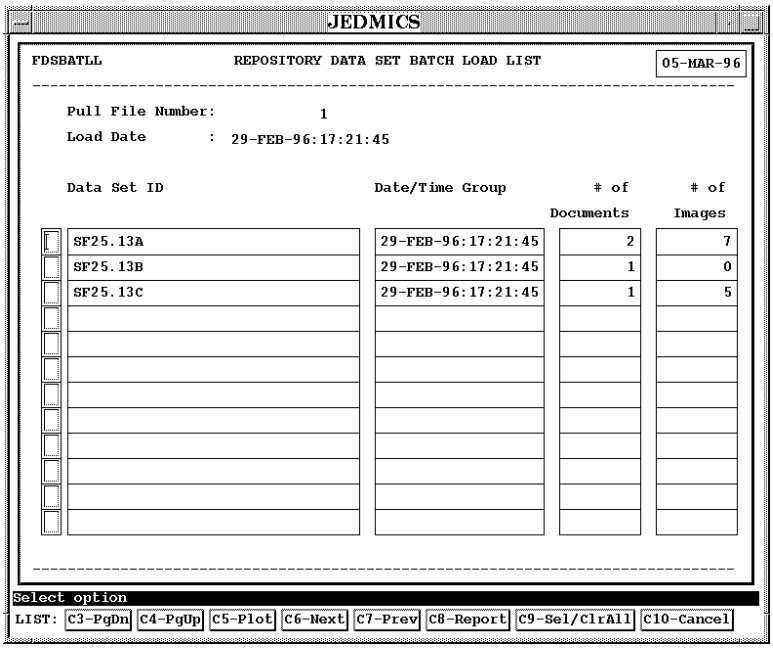

Figure 60.—Repository Data Set Batch Load List (LIST) Screen

If the `# of Documents` field contains zeros, this may indicate that the pull file was not successfully loaded. The `# of Images` field may contain zeros, which indicates that none of the images are on file.

Use the following function keys to browse the batch load repository data sets:

- C3-PgDn pages down to display additional data sets in this pull file
- C4-PgUp pages up to redisplay data sets in this pull file
- C6-Next displays the contents of the next pull file
- C7-Prev displays the contents of the previously displayed pull file

You can also plot the images in any of the data sets listed, or print the batch load list. Refer to the appropriate paragraphs that follow for instructions on how to accomplish those functions.

Plotting Images in a Data Set, Data Sets, or Both

From the Repository Data Set Batch Load List (LIST) screen:

a. Type an **X** in the far left selection column of the data set you want to plot. Use the **C9-Sel/ClrAll** function key to select or deselect all data sets in the batch.

b. Select **C5-Plot**. The status line displays a “processing” message and notification that the images you selected are being queued.

c. When the processing is complete, JEDMICS displays the Plotter Selection Form screen, which lists the available output devices.

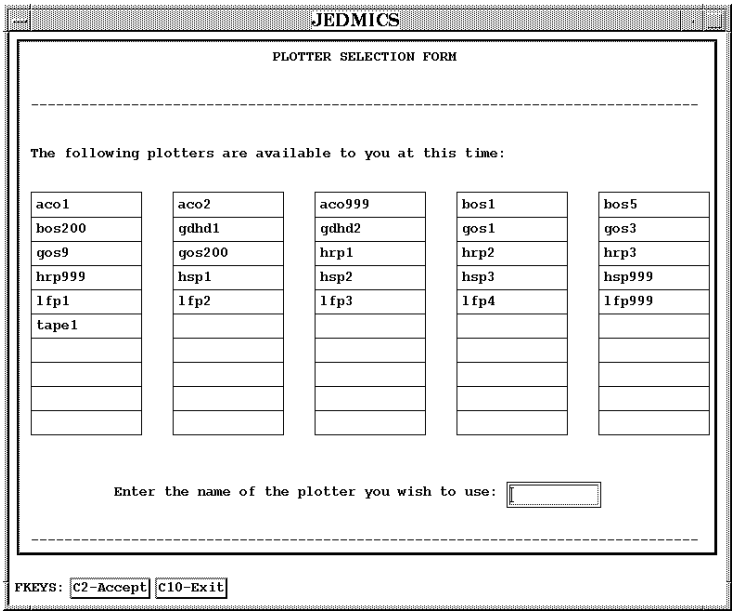

Figure 61.—Plotter Selection Form Screen

d. Type the name of the generic output service device you want to use (they are typically listed as `gos1`, `gos2`, etc.).

e. Select **C2-Accept**. This displays a modified version of the Plotter Parameter Entry Form screen.

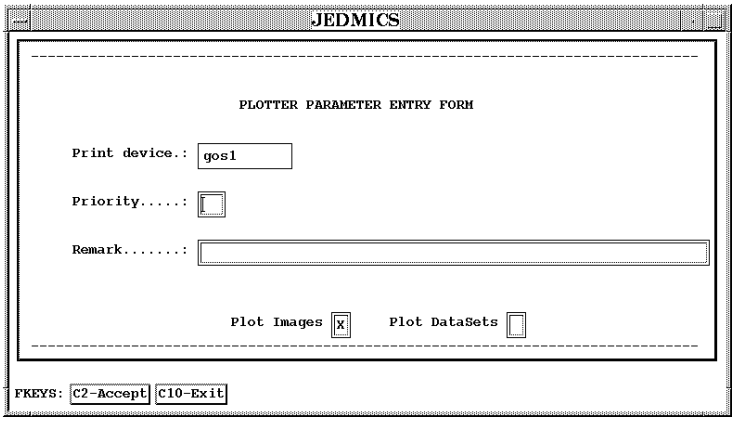

Figure 62.—Plotter Parameter Entry Form Screen

f. Assign the priority for the job and enter you desired remarks.

g. Use an **X** to select Plot Images, Plot DataSets, or both.

- If you select Plot Images, the GOS output will contain one index file, plus one image file for each of the images contained in the document or data set that you selected on the screen where you chose the Plot function.
- If you select Plot DataSets, the GOS output will contain one index file and information about the structure of the repository data set or sets you're outputting. It will not contain actual images.
- If you select both, the GOS output will contain an index file, image files, and information about the structure of the data set or sets.

h. Select **C2-Accept** to send the images or data sets you identified to the generic output service. The status line displays a "Working..." message, then, after the job has been queued, shows the job's ID number.

i. To return to the screen you started from, select **C10-Exit** twice.

For more information about using the generic output service utility and for instructions on processing the job from there, see the *System Administrator's Guide for the SGI Challenge/IRIX Host*.

Printing a Batch Load List

With the implementation of the generic output service utility, the procedure for outputting images to a hard disk has been changed. After identifying the images you want to output, specify the generic output service as the output device, and complete these steps:

From the Repository Data Set Batch Load List (LIST) screen:

a. Select the data sets you want to include on the Batch Load List report by entering an **X** in the far left selection column. Select **C9-Sel/ClrAll** to select all data sets in the batch.

b. Select **C8-Report**. This accesses the Printer Selection Form.

c. Enter the output device of your choice.

d. Select **C2-Save**. This accesses the Printer Parameter Entry Form.

e. Enter the desired printer parameters or accept the system defaults. Select **C2-Save**. The system displays the message `Your job has been queued. The job id is {n}`.

f. Select **C8-Cancel**, then **C8-Exit** to return to the Repository Data Set Batch Load List (LIST) screen.

Generating Repository Data Set Batch Load Reports

You can generate several different reports to provide status or summary information on the batch load of repository data sets:

BATCH LOAD SUMMARY
The BATCH LOAD SUMMARY report shows the number of records or lines read from the pull file (total, valid, and invalid); the number of repository data sets (total, valid, and invalid); the number of images (valid and invalid); and the average size (in number of images) of the repository data sets in the batch.

BATCH LOAD PARSE
The BATCH LOAD PARSE report provides a detailed report of the load process that includes all errors/warnings encountered during the load of a batch and reports all pull files (flat files) successfully processed. The report lists the batch number, repository data set identifier, date/time, document number, CAGE code, document type, drawing revision, sheet and frame numbers, and the status of whether the image was added to the repository data set. Any one of the following status codes may be listed:

SUCCESS	INCOMPLETE
?DOCNUM?	?EXTERNAL
?IMAGE?	?<SHEET>?
?REV?	?<REV>?
?SHEET?	?<NULL>?
?DOCTYPE?	?<META>?
LTD RIGHTS	?SHT1?
?UNKNOWN?	?CAGE?
EXT DOCNUM	

Refer to Section 11, *Management Reporting Subsystem*, of the *System Administrator's Guide for the SGI Challenge/IRIX Host* for explanations of these codes.

BATCH LOAD DETAIL
The BATCH LOAD DETAIL report lists all data sets in the batch(es) specified, and all images currently in the data sets. No status codes are included in this report.

BATCH LOAD XCEPTIONS
Same as the BATCH LOAD PARSE report, except it does not list images with a status of SUCCESS.

BATCH LOAD SUCCESS
Same as the BATCH LOAD PARSE report, except it lists only those images with a status of SUCCESS.

BATCH: SMALLEST DS
The BATCH: SMALLEST DS report provides a listing of the smallest repository data sets for each batch specified. The report is sorted by batch control number (BCN) in ascending order.

BATCH: LARGEST DS
The BATCH: LARGEST DS report provides a listing of the largest repository data sets for each batch specified. The report is sorted by BCN in ascending order.

To generate any of these reports, complete these steps.

a. From the Repository Data Set (ENTRY) screen, select **C5-Batch**.

   The Repository Data Set Batch (ENTRY) screen displays.

b. Select **C6-Report**. The Repository Data Set Batch Load Report (REPORT) screen displays.

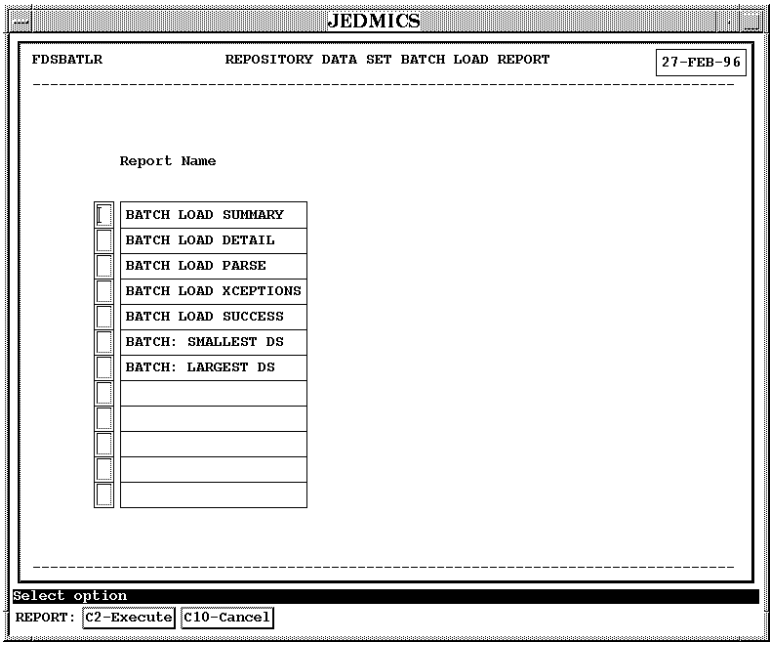

Figure 63.—Repository Data Set Batch Load Report (REPORT) Screen

c. Identify the report you want to generate by typing an **X** in the far left column.

d. Select **C2-Execute**. The MRS Report Schedule Entry Screen (GENERATE) displays.

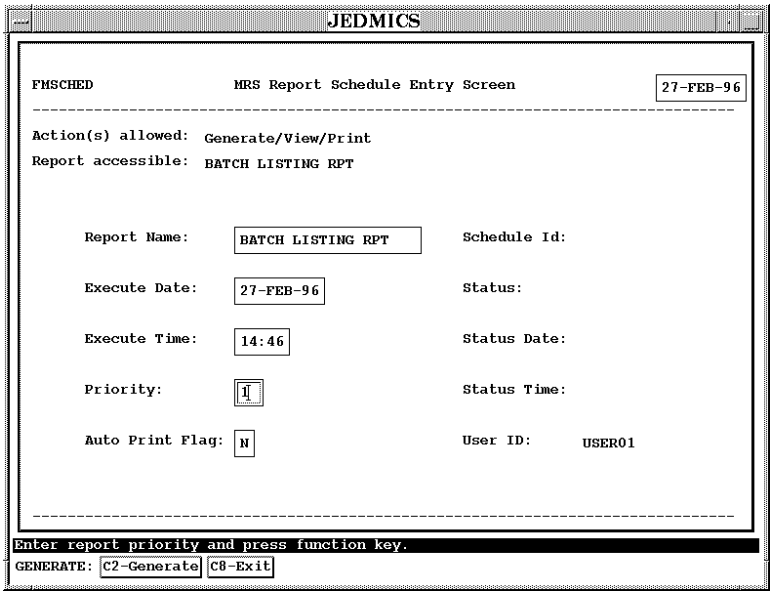

Figure 64.—MRS Report Schedule Entry Screen (GENERATE)

e. Enter the priority of the report or accept the system default (1 is low, 5 is medium, 10 is high).

f. Select **C2-Generate**. The MRS Report Macro Response Screen displays.

g. Enter the desired pull file number or % for all batches.

h. Enter a batch load date in the DD-MMM-YY format, with or without wildcards, or use the percent (%) wildcard character to search for all load dates.

i. Select **C4-Save/Done**. The MRS Column Ordering Entry (SORT_SEQUENCE) screen displays for the selected report.

j. Revise the sort order and/or print sequence if necessary, and select **C4-Save/Done**.

k. The system displays a `Report scheduled, schedule id = nnnn` message. Acknowledge the message by selecting **OK**.

l. The MRS Report Schedule Entry (GENERATING) screen displays. Select **C2-Check_Status** to check the status of the report. The MRS Report Schedule Entry screen switches to the GENERATE_COMPLETE mode. Use the appropriate function key to delete, view, or print the generated report.

Accessing Repository Data Sets

The Repository Data Research Tool lets you look up existing repository data sets and, if you have the proper permissions, modify, copy, or merge them. You can also add documents to, delete documents from, or print the documents in a particular data set. Complete these steps to access a repository data set:

a. From the Repository Data Set (ENTRY) screen, select **C2-Query** to switch to QUERY mode.

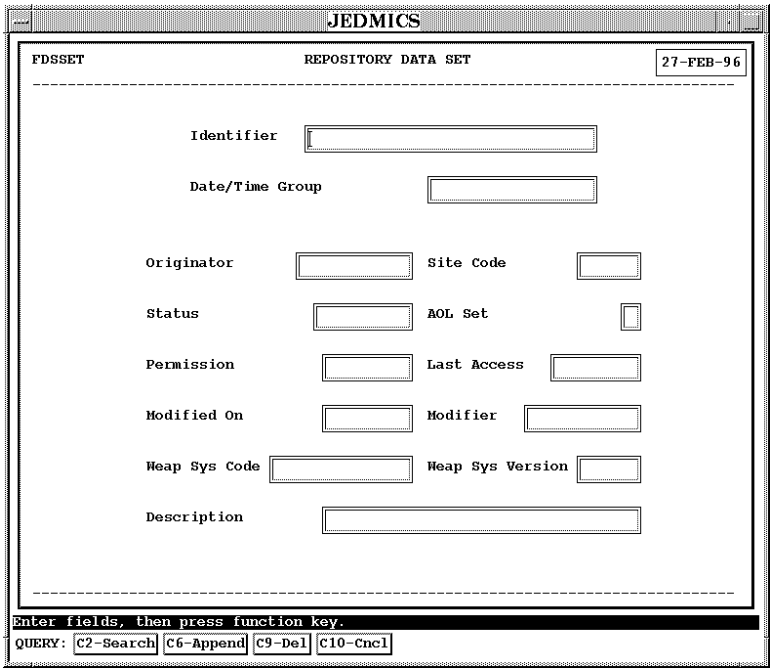

Figure 65.—Repository Data Set (QUERY) Screen [Form FDSSET]

There are two Repository Data Set (QUERY) screens. The other, which has the form name FDSSETB in the upper left corner, is shown in the paragraphs on *Copying to Create a Repository Data Set*. There are only two functions available from that screen. The Repository Data Set (QUERY) screen that you use here has the form name FDSSET and has four functions available.

b. Enter the unique identifier of the data set you want to access, or, if you don't know the unique identifier, type in as much information about the data set as you know. You must enter information in at least one of these fields: `Identifier`, `Date/Time Group`, or `Originator`. The more information you enter, the more specific the search will be.

Global searches are not permitted. Any field that you complete must have at least one significant character. You can use a wildcard with that character, but the entries %, _, %_, and _% are invalid. If you leave these fields blank or enter an invalid value, the system displays the message `Please enter Identifier, Date/Time Group, or Originator`. To acknowledge the message and clear it from your screen, press any key on your keyboard or click OK with your mouse.

c. Select **C2-Search**.

If the query results in no records being found, a `No Records Found` message displays on the status line and the query criteria you entered remain on the screen. Revise the criteria and initiate another query.

If you entered a unique identifier, or if only one repository data set matches the search criteria you entered, the system displays the Repository Data Set Summary (SUM) screen for that set. This screen lists all of the documents in the data set.

To display the results of your data set query more quickly, your system administrator can set an environment variable called DS_DWG_HRIGHTS_FLAG in the config file. This variable controls the display of data in the `Hi Rts` field on the Repository Data Set Summary (SUM) screen. A value of 0 stops the display of highest rights data and improves the speed of your searches. A value of 1 displays the highest rights data.

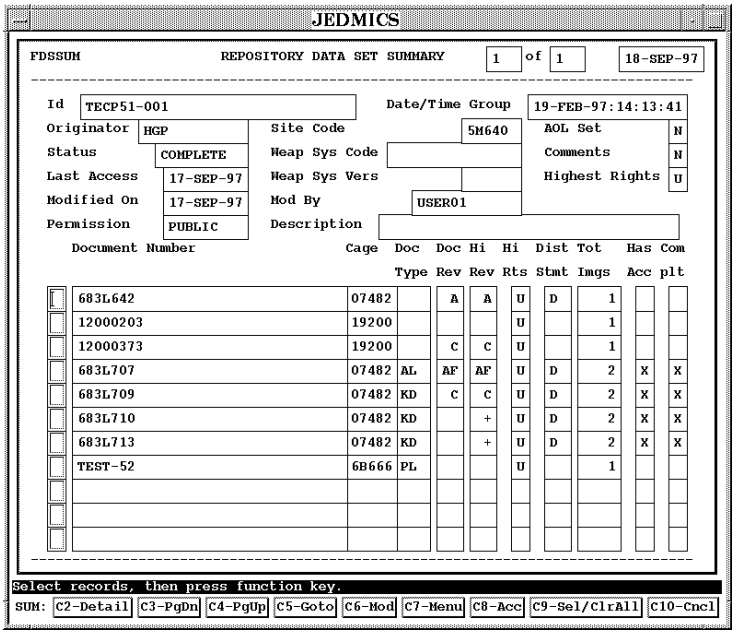

Figure 66.—Repository Data Set Summary (SUM) Screen

An X in the `Has Acc` column indicates that any accompanying documents that are associated with that document have been included in this data set. An X in the `Complt` column indicates that, if the drawing has multiple sheets, all of those sheets are in the database.

When you use the C8-Acc function key on the Repository Data Set Summary (SUM) screen, the system displays only accompanying document records that have a subsheet value equal to the base document drawing revision or a plus (+) sign. An accompanying document is attached to all revisions of a base document, if the base document drawing revision is set to a plus (+) sign.

If the selected repository data set contains a large number of documents, select C5-Goto, enter the document number you want, then select C2-Search. The system displays the document you selected at the top of the scroll list.

Select each document you want to access by entering an **X** in the far left column. Use **C9-Sel/ClrAll** to select or deselect all the listed documents at once. Once a document or documents are selected, you can access the following functions from this screen:

- C2-Detail — goes to the Repository Data Set Detail (DET) screen, which lists the sheets and frames for the selected document. From this screen you can view, print, plot, delete, modify, or go to another document sheet or frame. See the paragraphs on *Accessing Details of a Repository Data Set*.
- C6-Mod — switches the screen to the MODIFY mode, which provides access to functions for modifying the repository data set's header, editing comments, specifying a TopDoc, adding and replacing documents, updating document revisions, and merging repository data sets. See the paragraphs on *Modifying Repository Data Sets*.
- C7-Menu — switches the screen to the SUM2 mode function bar, from which you can access the document view, plot, report, delete, change status, and view comments functions. See the paragraphs on *Viewing and Updating a Repository Data Set Summary*.
- C8-Acc — accesses the screen that allows you to work with the selected document's accompanying documents. See the paragraphs on *Modifying and Viewing Accompanying Documents*.

OR

If multiple sets match the search criteria, the system will display the Repository Data Set Index (INDEX) screen.

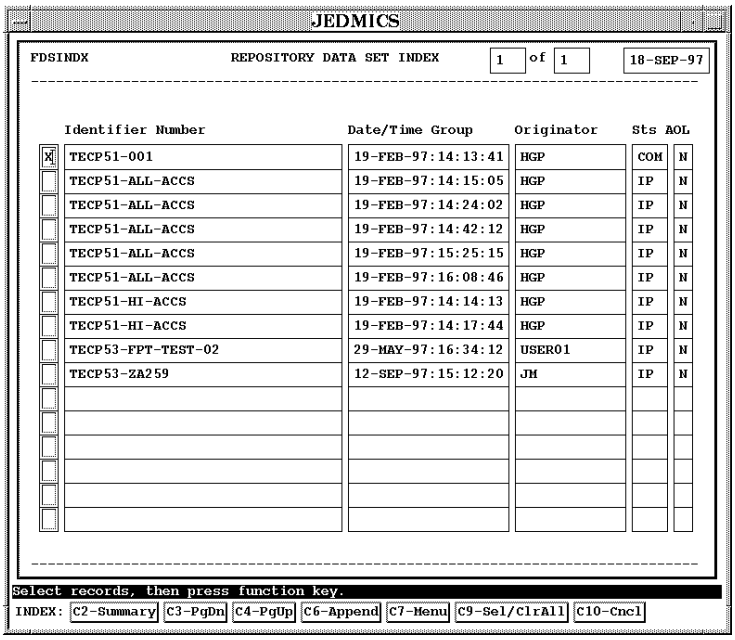

Figure 67.—Repository Data Set Index (INDEX) Screen

If the (INDEX) screen lists more than one page of repository data sets, use C3-PgDn and C4-PgUp to move among pages.

Select each repository data set you want to access by entering an **X** in the far left column. Use **C9-Sel/ClrAll** to select or deselect all the listed sets at once. Once a data set or sets are selected, you can access the following functions from this screen:

- C2-Summary — displays the Repository Data Set Summary (SUM) screen for one selected set
- C6-Append — displays the Document Number Input (ADD) screen. See the paragraphs on *Appending Documents to Repository Data Sets*.
- C7-Menu — switches the screen to the INDEX2 mode function bar. This has the **C7-Menu** function, which switches back to INDEX mode; the **C8-Report** function, which prints a report on the selected data set or sets; and the **C9-Delete** function, which deletes the selected data set or sets.

Viewing and Updating a Repository Data Set Summary

To view or update the summary for a particular repository data set, access that set as described in the preceding paragraphs. From the Repository Data Set Summary (SUM) screen for that set, select **C7-Menu** to change the screen mode to SUM2, which provides additional functions.

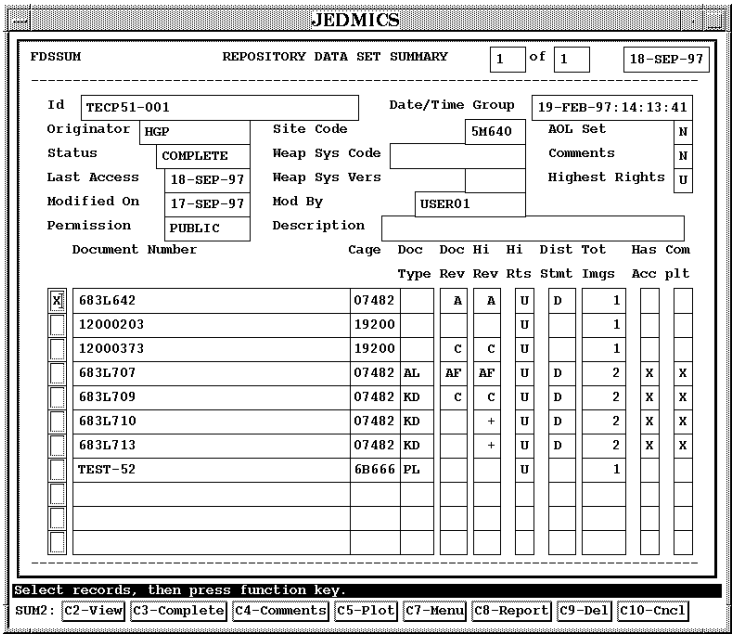

Figure 68.—Repository Data Set Summary (SUM2) Screen

An X in the `Has Acc` field indicates that accompanying documents have been included in this data set. An X in the `Complt` field indicates that all sheets for a multisheet drawing are in the database.

From this screen you can view or plot images, change the status of the repository data set, view repository data set comments, generate a report of the contents of the repository data set, or delete a document from the repository data set. Refer to the appropriate paragraphs that follow for detailed instructions on how to execute those functions.

Viewing Repository Data Set Summary Images

From the Repository Data Set Summary (SUM2) screen:

a. Place an **X** in the far left selection column of the document whose images you want to view.

b. Select **C2-View**. The Productivity Edge Image Editor application launches.

Repository Data Research Tool is a view-only function. Any edits made to an image retrieved through Repository Data Research Tool will not be saved.

The Repository Data Set Summary screen is in the VIEW mode in the background.

If this is a multiple sheet/frame document, you can view up to four images of this drawing at the same time. Click the image window to make it the active window, and press the UP ARROW key. The second image will be retrieved and displayed. When you reach the maximum number of image windows (set in the Configuration File) and go to display another image, the first image closes and a new image window opens.

Use the Editor menu bar to select Window>Tile or Window>Cascade to rearrange the image windows displayed on the screen.

c. To close the image(s) you are viewing, click the Repository Data Set Summary (VIEW) screen to make it the active window and bring it to the foreground. Select **C10-Done**.

The image window(s) closes and the Repository Data Set Summary (SUM) screen displays. To view additional images, select **C7-Menu** to access the functions available in this screen's SUM2 mode.

Changing Repository Data Set Status

The `Status` field on the Repository Data Set Summary (SUM2) screen is provided for informational purposes only and does not actually affect the system or the repository data set. When a data set is first created, the system automatically assigns a status of In Process. This indicates to the creator and other users that the repository data set is still being added to or modified. When a repository data set is finalized, the status can be changed from In Process to Complete. This indicates to the creator and other users that no further additions or modifications are envisioned for the repository data set.

A status of Complete will not prevent the repository data set from being modified. To prevent further modifications of a Complete repository data set, you must use the permissions. If you are the creator and want to reserve the right to modify the repository data set in the future, set the permission to Private before you change the status to Complete. If you are the creator and want to prevent ALL future modifications to a repository data set, change the status to Complete and then set the permission to Locked.

At the Repository Data Set Summary (SUM2) screen, select **C3-Complete**.

The value displayed in the `Status` field changes from `In Process` to `Complete`.

If the status is already Complete, an acknowledge message box displays that message. Press any key to acknowledge.

Viewing Repository Data Set Comments

From the Repository Data Set Summary (SUM2) screen:

a. Select **C4-Comments**. This accesses the Repository Data Set Comments (VIEW) screen with any previously entered comments displayed.

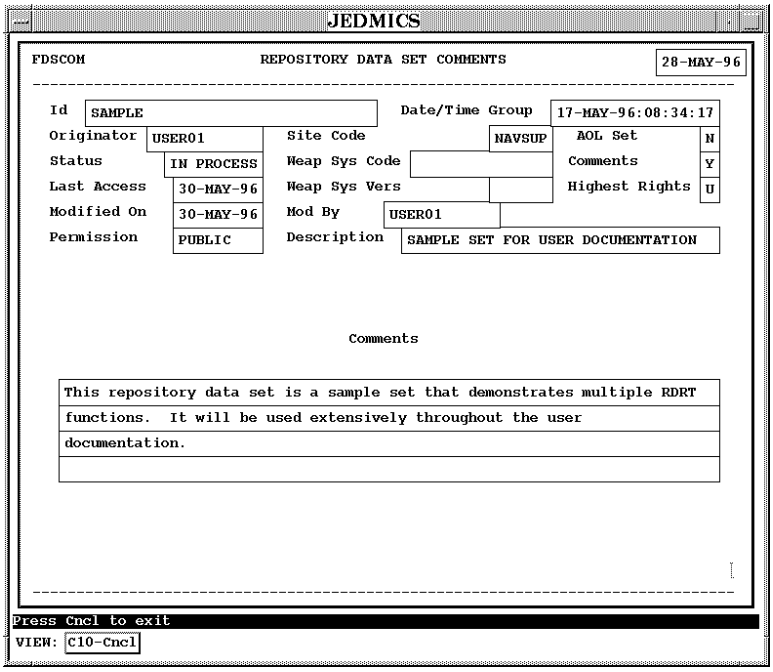

Figure 69.—Repository Data Set Comments (VIEW) Screen

This screen is view-only, and cannot be used for adding or editing comments.

b. Select **C10-Cncl** to return to the Repository Data Set Summary (SUM2) screen.

Plotting from Repository Data Set Summary

From the Repository Data Set Summary (SUM2) screen:

a. Enter an **X** in the far left selection column of the document whose images you want to plot.

b. Select **C5-Plot**. The Plotter Selection Form displays.

c. Enter the name of the output device and select **C2-Accept**. This accesses the Plotter Parameter Entry Form.

d. Modify the plotter parameters as required and select **C2-Accept**. The job is queued for output and the job ID number displays in the status line.

e. Select **C10-Exit** twice to return to the Repository Data Set Summary (SUM2) screen.

Plotting from Repository Data Set Index

With the addition of a Plot function to the Repository Data Set Index (INDEX2) screen, JEDMICS now lets you select multiple repository data sets and output their index data and images to any output device, including a plotter or a tape device.

If you plot using this method, you will not be able to generate a PLOT LIST report immediately, as you would if you plotted from the Repository Data Set Summary (SUM) screen. Instead, you must use MRS to generate a PLOT LIST report.

a. From the Repository Data Set Index (INDEX) screen, select **C7-Menu** to change the screen to the INDEX2 mode. A sample screen follows.

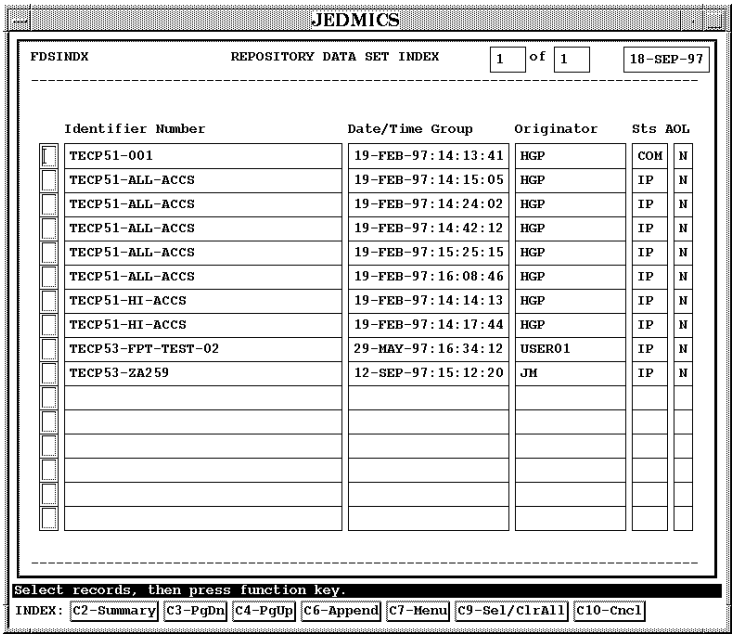

Figure 70.—Repository Data Set Index (INDEX) Screen

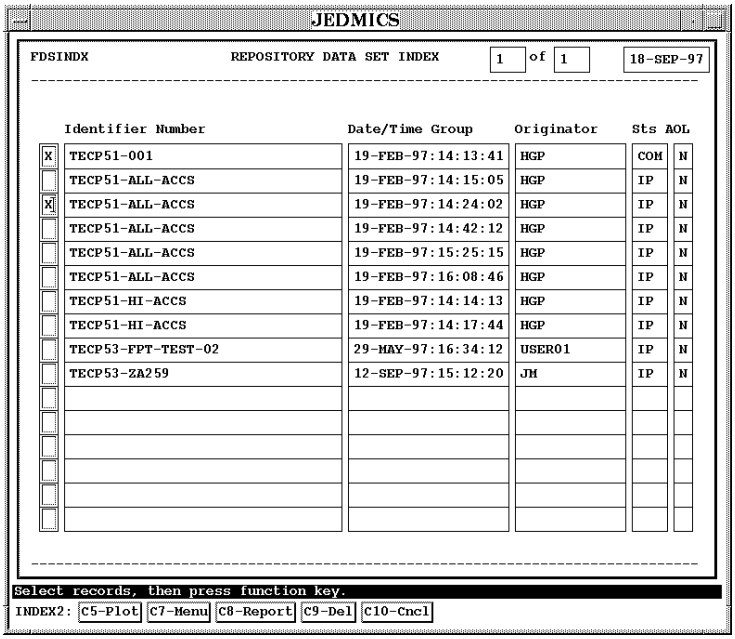

Figure 71.—Repository Data Set Index (INDEX2) Screen

b. Place an **X** in the far left selection column next to each repository data set that you want to plot or export to tape, then select **C5-Plot**. As the system processes the data sets, the status line displays a “processing” message and notification that the drawings in the data sets are being queued.

c. When the processing is complete, JEDMICS displays the Plotter Selection Form screen, which lists the available output devices.

d. Enter the name of the plotter or tape device to which you want to send the repository data sets you selected.

If you want to preserve the data set, you must select the generic output service (GOS) utility. See *Plotting Images in a Data Set, Data Sets, or Both* on page 87 for information on using the GOS.

e. Select **C2-Accept**. This displays one of the Plotter Parameter Entry Form screens:

<u>If you selected a plotter, the full Plotter Parameter Entry Form screen displays:</u>

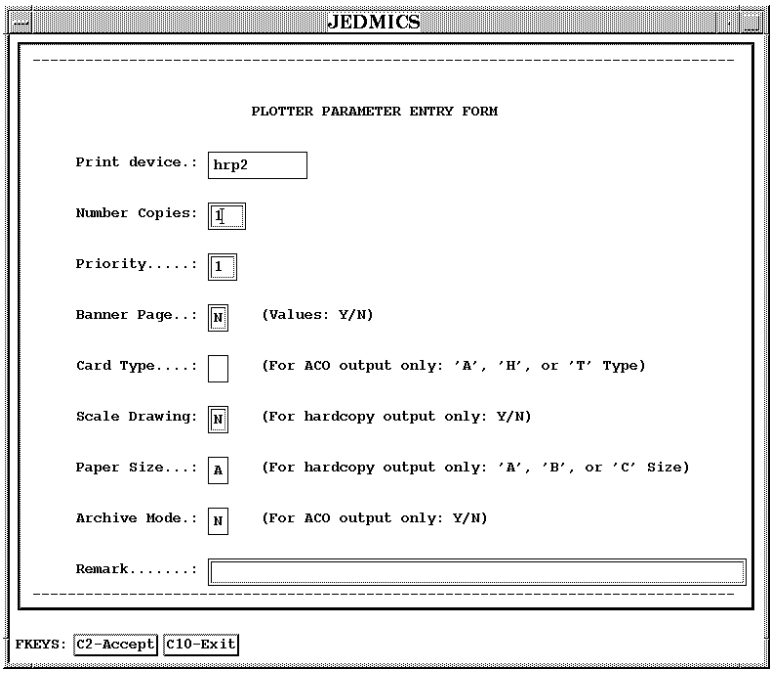

Figure 72.—Plotter Parameter Entry Form Screen

(1) The Plotter Parameter Entry Form screen shows settings for the selected printer. Revise the parameters, defined below, as necessary.

The system saves any parameters or remarks you enter and uses them as the new default parameters. These new defaults will be reset to the system defaults when you log off.

- `Print device`—will contain the name of selected device
- `Number Copies`—fill in number of copies desired
- `Priority`—is pre-set at the default for your individual password and ID
- `Banner Page`—set to yes to have a banner page precede your plot

- `Card Type`—complete only if Print Device is ACO
- `Scale Drawing`—set to yes to scale your drawing to fit the paper size
- `Paper Size`—set according to what is available at specific print device
- `Archive Mode`—set to yes if ACO print device
- `Remark`—full name of sender is helpful if more than one user is sending print jobs to the device

(2) If your site adds site-specific data or codes to the open keypunch columns of the aperture cards you create, specify H or T type aperture card output, and the system automatically displays a third function key—C6-Edit Open Fields. Select **C6-Edit Open Fields** to display an `OPEN FIELDS FOR CARD TYPE {H OR T}` screen. H type cards have keypunch columns 36–38 as open fields. T type cards have keypunch columns 36–46 and 78–80 as open fields. These are optional fields and you can enter any alphanumeric value. To accept the data entered in the open fields, press **C2-Accept**.

(3) Select **C2-Accept** to accept the displayed parameters and begin printing. JEDMICS reports the job queue number for your print request.

(4) Select **C10-Exit** twice to return to the Repository Data Set Index (INDEX2) screen.

<u>If you selected a tape device, a modified version of the Plotter Parameter Entry Form screen displays:</u>

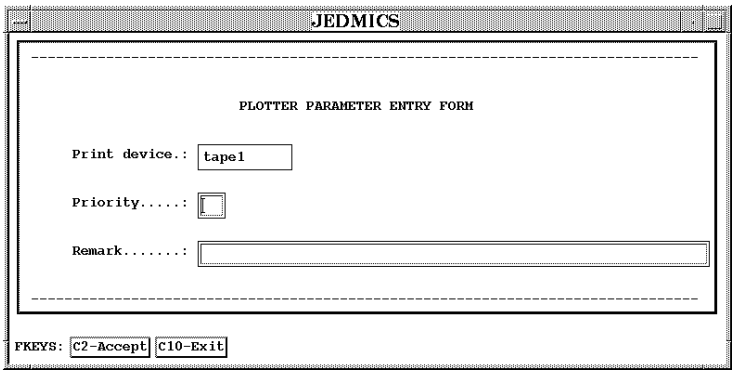

Figure 73.—Plotter Parameter Entry Form Screen (tape device selected)

(1) You can assign a priority to the tape export job and type in a remark.

(2) Select **C2-Accept**. The status line displays a “Working...” message, then, after the job has been queued, shows the job’s ID number.

(3) To continue outputting the images to tape, follow the steps described in section 13 of the *System Administrator’s Guide for the SGI Challenge/IRIX Host*.

If you selected either a Generic Output Service (GOS) or a Batch Output Server (BOS) device, a modified version of the Plotter Parameter Entry Form displays:

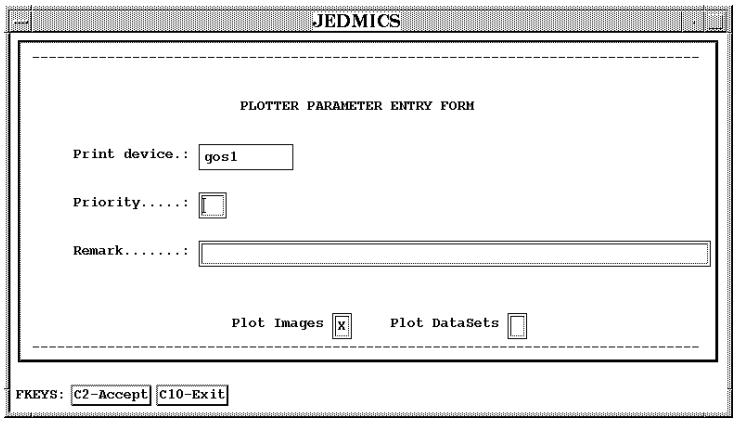

Figure 74.—Plotter Parameter Entry Form (gos selected)

(1) Assign a plot priority and enter remarks as appropriate.

(2) You can plot images, plot datasets, or plot both. Place an **X** in the appropriate boxes and select **C2-Accept**. JEDMICS reports the job queue number for your request.

(3) Select **C10-Exit** twice to return to the Repository Data Set Index (INDEX2) screen.

Printing a Repository Data Set Summary Document Listing

From the Repository Data Set Summary (SUM2) screen:

a. Enter an **X** in the far left selection field of the documents you want to be listed on the report.

b. Select **C8-Report**. This accesses the Printer Selection Form.

c. Enter the output device and select **C2-Save**. This accesses the Printer Parameter Enter Form.

d. Modify the printer parameters as required and select **C2-Save**. The report is queued for output and the job ID is displayed in the status line.

e. Select **C8-Cancel**, then **C8-Exit** to return to the Repository Data Set Summary (SUM2) screen.

Deleting a Document from a Repository Data Set

From the Repository Data Set Summary (SUM2) screen:

a. Enter an **X** in the far left selection column of the document you want to delete from the Repository Data Set.

b. Select **C9-Del**. The system accesses the Repository Data Set Summary (DELETE) screen.

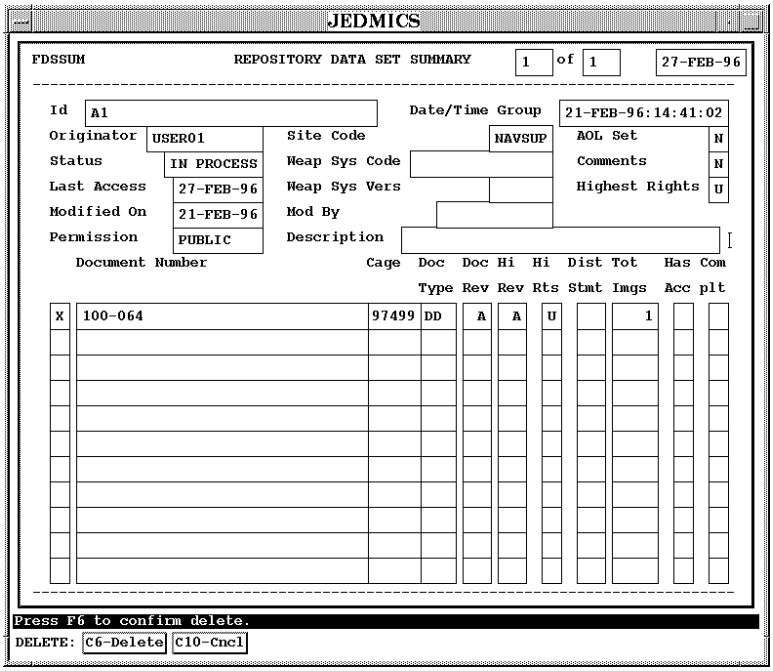

Figure 75.—Repository Data Set Summary (DELETE) Screen

Deleting a document from a repository data set also removes the accompanying documents associated with that set. It does not delete the actual document or accompanying documents from the database.

c. Select **C6-Delete** to confirm that you want to remove specified documents from the selected data set.

The system returns to the Repository Data Set Summary (SUM2) screen.

Modifying Repository Data Sets

Once a repository data set has been created and stored in JEDMICS, a user with the appropriate permissions can modify it. The user who creates the repository data set specifies one of the following permissions to determine who can modify that set:

Public	Repository data sets can be accessed and modified by anyone.
Protected	Repository data sets can be modified only by a user who is a member of the same user class as the creator of the repository data set.
Private	Repository data sets can be modified only by the creator.
Locked	Repository data sets cannot be modified. Only the creator can unlock.

If you have the appropriate permission level, you can modify the repository data set header and comments, specify which document will appear as the first document of the set, add documents to or replace documents within the set, and update documents to their highest revision.

Modifications are accomplished from the Repository Data Set Summary (MODIFY) screen. To get to this screen, you must first go to the Repository Data Set Summary (SUM) screen for the set you want to modify. To do so, follow the instructions in the *Accessing Repository Data Sets* paragraphs.

From the Repository Data Set Summary (SUM) screen, select **C6-Mod** to switch the screen mode to MODIFY.

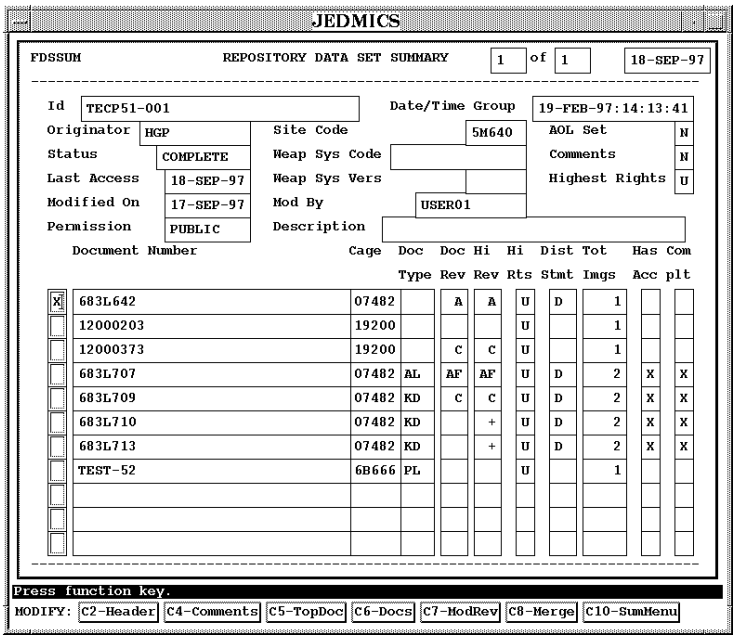

Figure 76.—Repository Data Set Summary (MODIFY) Screen

Select the appropriate function key to choose the modification you want to accomplish.

- C2-Header to modify the header.
- C4-Comments to add or change comments.
- C5-TopDoc to select which document will be listed first each time the set is accessed.
- C6-Docs to add or replace documents in the set.
- C7-ModRev to update with higher revisions of that document in the system.
- C8-Merge to merge the contents of other sets into the displayed set.

Refer to the appropriate paragraphs that follow for instructions on accomplishing each of the described modifications.

Modifying the Header

A repository data set header contains 13 fields that describe the set. Seven of those fields can be modified by any user with the appropriate permissions. Those fields are `Identifier`, `Status`, `Permission`, `AOL Set`, `Weap Sys Code`, `Weap Sys Version`, and `Description`. With the exception of the `Status` field, this is the only place within the Repository Data Research Tool that you can modify these fields.

From the Repository Data Set Summary (MODIFY) screen:

a. Select **C2-Header**. This accesses the Repository Data Set (MODIFY) screen.

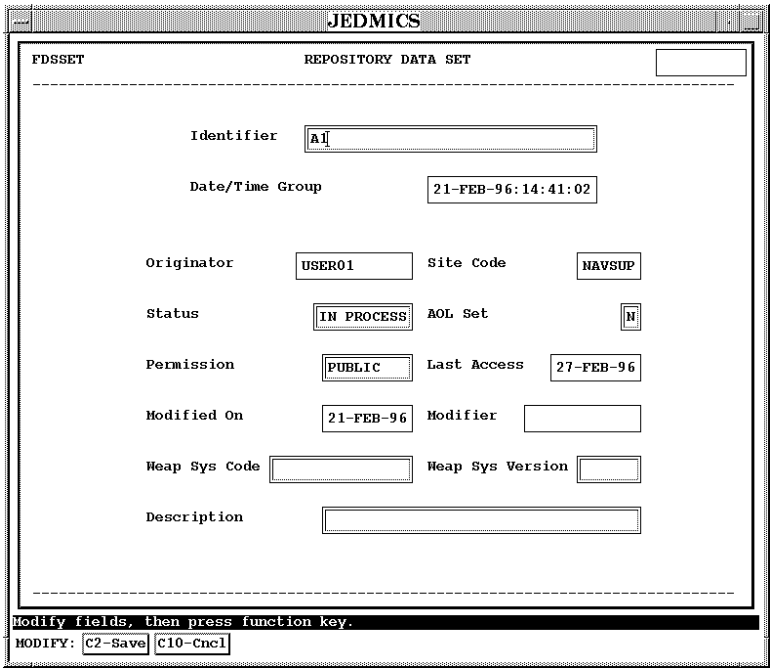

Figure 77.—Repository Data Set (MODIFY) Screen

b. Modify the accessible fields as required.

If you modify the Identifier, users cannot access the repository data set using the old Identifier. This does not delete the data set, but it does rename it. This can cause confusion if numerous users have been accessing the data set by its old Identifier.

Valid `Status` field values are In Process and Complete. Valid `Permission` field values are Public, Protected, Private, and Locked.

c. Select **C2-Save** to save the changes or **C10-Cncl** if you decide not to modify the header information. Selecting C10-Cncl leaves the header information unchanged.

   The system returns to the Repository Data Set Summary (MODIFY) screen.

Editing Comments

From the Repository Data Set Summary (MODIFY) screen:

a. Select **C4-Comments**. This accesses the Repository Data Set Comments (EDIT) screen.

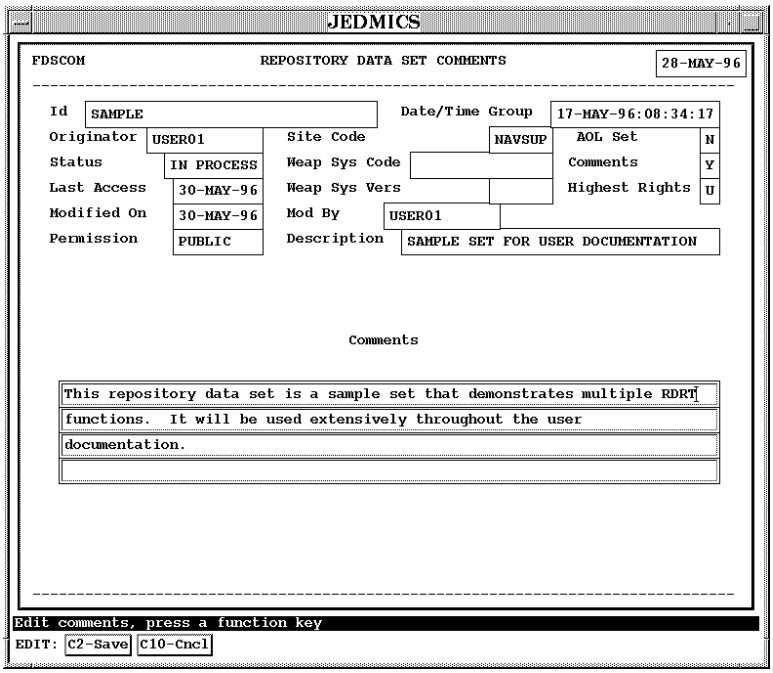

Figure 78.—Repository Data Set Comments (EDIT) Screen

b. Edit the comments.

The system allows changes to the `Comments` field only, and compresses the field, filling all lines available, when edits are saved. Comments can be overwritten even after saving. Make certain you add new comments at the end of existing comments.

c. Select **C2-Save** to save the changes or **C10-Cncl** if you decide not to modify the comments. You return to the Repository Data Set Summary (MODIFY) screen.

Modifying the TopDoc

This feature lets you specify which document will be listed as the Top Document whenever a particular Repository Data Set displays.

From the Repository Data Set Summary (MODIFY) screen:

a. Place an **X** by the document that you want to be the leading document in the set.

b. Select **C5-TopDoc**.

The Repository Data Set Summary (MODIFY) screen regenerates and lists the documents in the new order, with the one that you chose to be TopDoc listed first. Whenever you display this repository data set, the new TopDoc is the first one on the list.

Adding Documents to an Existing Repository Data Set

From the Repository Data Set Summary (MODIFY) screen with no documents selected, select **C6-Docs**. The Document Number Input (ADD) screen displays.

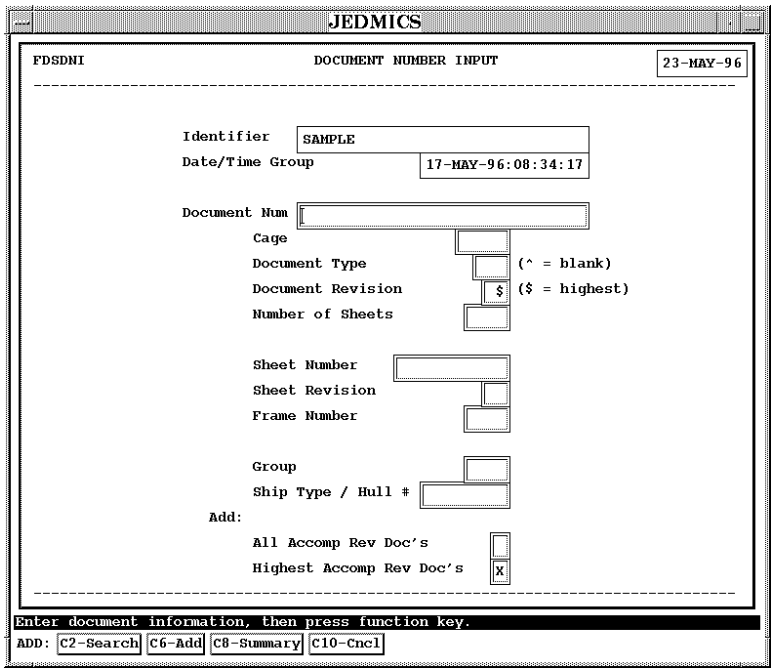

Figure 79.—Document Number Input (ADD) Screen

<u>If you know the document you want to add to a set:</u>

a. Enter the identifying data of the document you want to add in the appropriate field(s).

> The C6-Add function automatically adds all versions of the specified base document, along with associated documents and accompanying documents, depending on the values in the Document Number Input (ADD) screen. You will not be given an opportunity to verify or edit those documents before they are added. Take a moment to ensure that you specified the appropriate identifying data.

(1) Document Type

- To add all document types, leave the `Document Type` field blank. (This is the system default.)
- To add only those documents with a null document type, enter a ^ symbol (the SHIFT key + the numeral 6 key) in this field.

(2) Document Revision

- To add only the highest revision of a base document, use the system default “$”.
- To add all revisions of the base document, delete the system default and leave the field blank.

(3) Accompanying Documents

- To add only the highest revision of any accompanying documents associated with the base document, enter an **X** in the `Add:Highest Accomp Rev Doc’s` field. (This is the system default and automatically appears each time the Document Number Input (ADD) screen is accessed.)
- To add all accompanying documents associated with the base document, enter an **X** in the `Add:All Accomp Rev Doc’s` field. (You may need to delete the X in the `Highest Accomp Rev Doc’s` field.)
- To add only the base document and no accompanying documents, leave both of the `Accomp Rev Doc’s` fields blank. (You may need to delete the X from one of the fields.)

b. Select **C6-Add**.

If the document you are adding has Limited rights, a warning screen displays, and you need to acknowledge it by pressing C2-Continue. Once you acknowledge the message, you return to the Document Number Input (ADD) screen.

The images are added to the set and the status line reports the number of images added.

c. You may continue to add documents from here, or select **C10-Cncl** to return to the Repository Data Set Summary (MODIFY) screen.

<u>To search for the document(s) you will be adding to a set:</u>

a. Enter query criteria in the appropriate fields. At a minimum, enter at least one significant character and an appropriate wildcard in the document number field.

b. Select **C2-Search**. The results of the search determine which screen displays.

If the search finds multiple documents, the Document Directory List (ADD) screen displays.

On the Document Directory List (ADD) screen, mark the desired document(s) by placing an **X** in the far left selection column, then select **C6-Add**. If the document you are adding has Limited rights, a classification warning screen

displays, and you need to acknowledge it by pressing **C2-Continue**. Once you acknowledge the message, the image is added to the set and you return to the Document Number Input (ADD) screen.

OR

If a single document meets the search criteria, the information for that document displays on the Image List (ADD) screen.

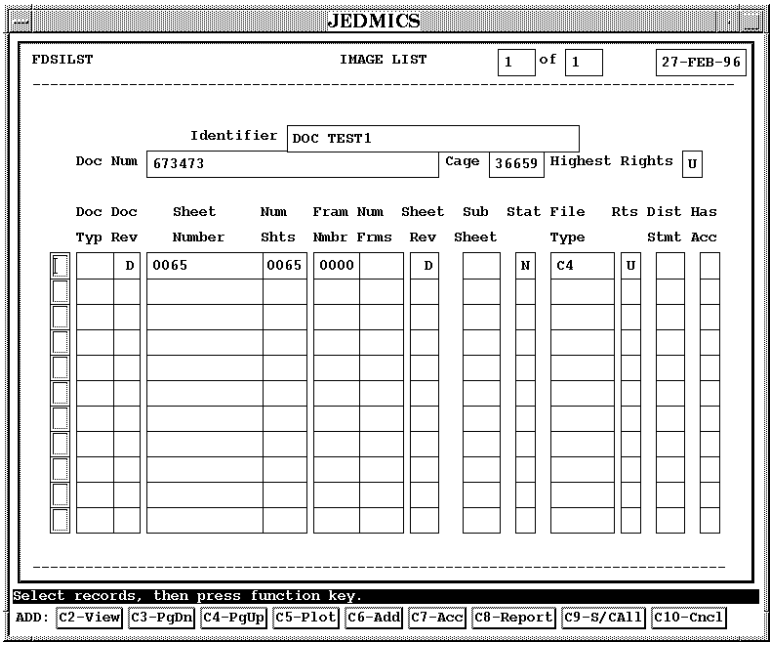

Figure 80.—Image List (ADD) Screen

On the Image List (ADD) screen, place an **X** in the far left selection column for the sheet numbers you want to add. Select **C6-Add**. The document is added to the repository data set and you return to the Document Number Input (ADD) screen.

c. Select **C10-Cncl** to return to the Repository Data Set Summary (MODIFY) screen.

Replacing Documents

The Repository Data Research Tool lets you replace a document or documents in a repository data set with other documents. Replacing has the same effect as if you deleted documents and added documents in one step. From the Repository Data Set Summary (MODIFY) screen:

a. Select each of the documents that you want to take out of the repository data set by entering an **X** in the far left selection column next to it.

b. Select **C6-Docs**. This accesses the Document Number Input (SAVE) screen.

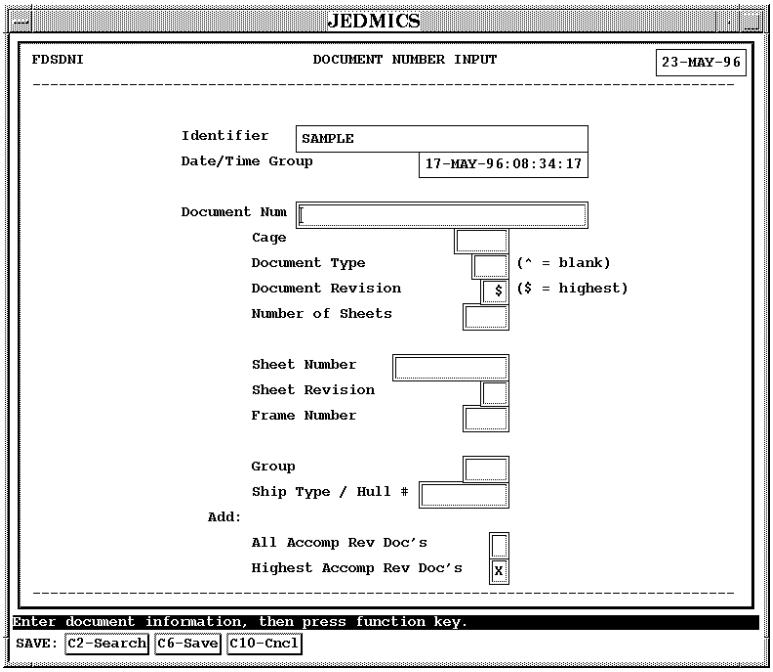

Figure 81.—Document Number Input (SAVE) Screen

c. Identify the documents that you want to use to replace the selected documents. There are two ways to do this:

<u>If you know the document number:</u>

Type the document number into the `Document Num` field. Select **C6-Save**. Proceed to step d.

<u>If you don't know the document number:</u>

Enter as much information as you know about the document into the appropriate fields. At a minimum, you must enter at least one significant character and a wildcard into the `Document Num` field. Select **C2-Search**. The query returns one of the following results:

- If just one document meets the search criteria, it displays on the Image List (SAVE) screen.

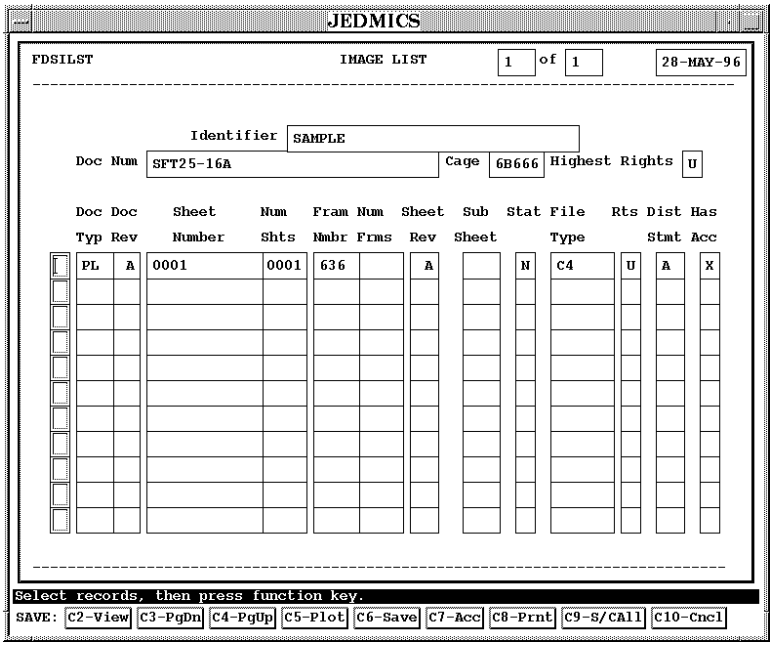

Figure 82.—Image List (SAVE) Screen

Enter an **X** next to each replacement sheet/frame that you want to add to the repository data set. Use **C9-S/CAll** to select all of the sheets; if all are already selected, use the same function key to deselect. Select **C6-Save**. Proceed to step d.

OR

- If multiple documents meet the search criteria, they display on the Document Directory List (SAVE) screen.

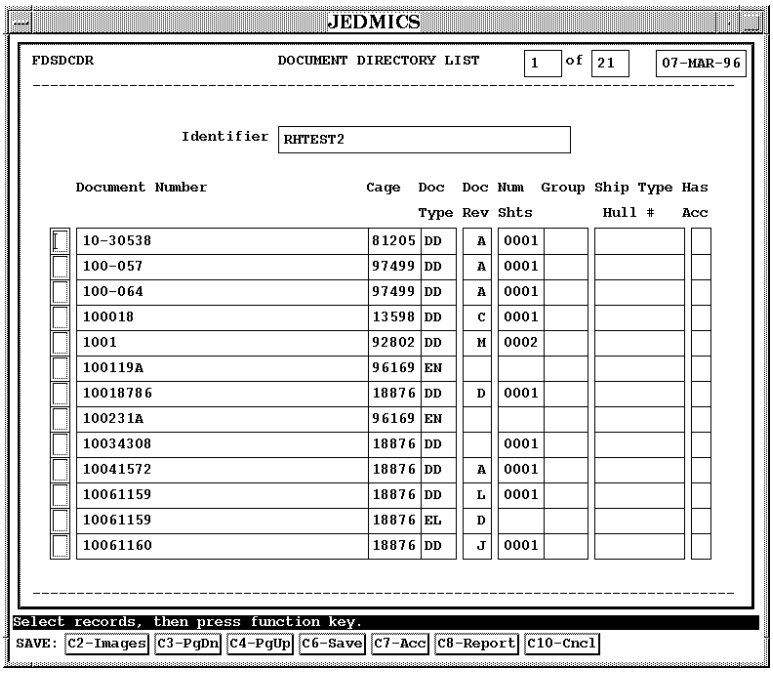

Figure 83.—Document Directory List (SAVE) Screen

Place an **X** in the far left column next to each replacement document you are adding to the set. Select **C6-Save**.

d. After you select **C6-Save** from either the Document Number Input (SAVE) screen, the Image List (SAVE) screen, or the Document Directory List (SAVE) screen, a warning message displays reminding you that the document you previously selected replaces by the document/images you just specified.

Once you confirm the replacement, the system automatically deletes the document you selected from the repository data set and replaces it with the document or images you specified. If you do not want to delete the document from the repository data set, select C10-Cncl. You return to the SAVE mode screen from which you started.

e. Select **C2-Save** to confirm the replacement.

The system very rapidly displays the SAVE mode screen from which you started; removes the document or documents you selected in step a and replaces them with the ones you specified in step c; displays a status line message that images have been added; then changes to the Document Number Input (ADD) screen.

f. Select **C10-Cncl** to return to the Repository Data Set Summary (MODIFY) screen.

After you return to the (MODIFY) screen, you will see the screen refresh very quickly. Each document that you marked to replace is removed from the list and the replacement document is added.

g. You can continue to replace documents, or select **C10-SumMenu** to switch the Repository Data Set Summary screen to the SUM mode.

Checking and Updating Records Based on the Revision Level

When you select this function, the system checks the database for the revision level of selected documents and images. Based on what it finds, the system automatically replaces the document or images in the repository data set with the highest revision available in the database.

The system executes two checks. First, the system checks to see if the document revision level (displayed in the `Doc Rev` field) is the same as the highest document revision in the database (displayed in the `Hi Rev` field). If it is not, a wholesale replacement is done—all of the images in the document are removed, and all of the highest revision images from the database are inserted.

The idea is that the first revision check will identify if a brand new document revision has entered JEDMICS. That document may include additional images. In order to ensure that all desired images are inserted into the data set, a wholesale replacement is performed.

If the document revision level is the same as the highest revision level, the system runs a second revision check against the individual images in the document. If any one image is not at the same revision level as the highest revision in the database, the system individually replaces that image. The system will not add an image unless it is currently in the data set.

The idea is that if a user is adding more images to JEDMICS, it is done explicitly, and the user is aware of it. In this case, the system preserves the choice of images that the user made when adding the images to the set.

From the Repository Data Set Summary (MODIFY) screen:

a. Place an **X** in the far left selection column next to each document whose revision is to be checked.

b. Select **C7-ModRev**. This system runs the revision checks and updates the repository data set as necessary.

You will notice that the status line changes as each document is checked. The date in the `Modified On` field is updated to reflect the current date.

If the document revision was not the same as the highest revision, the system will have done a wholesale replacement of the document. If the repository data set was previously edited to include only certain sheets, subsheets, and frames of that document, you need to edit the repository data set again to delete the unwanted sheets, subsheets, and frames.

c. You may continue to modify the repository data set or select **C10-SumMenu** to return to the Repository Data Set Summary (MODIFY) screen.

Merging Repository Data Sets

You can merge other data sets into the current one by using this function.

From the Repository Data Set Summary (MODIFY) screen:

a. Select **C8-Merge**. This accesses the Copy/Merge Data Set (Merge) screen.

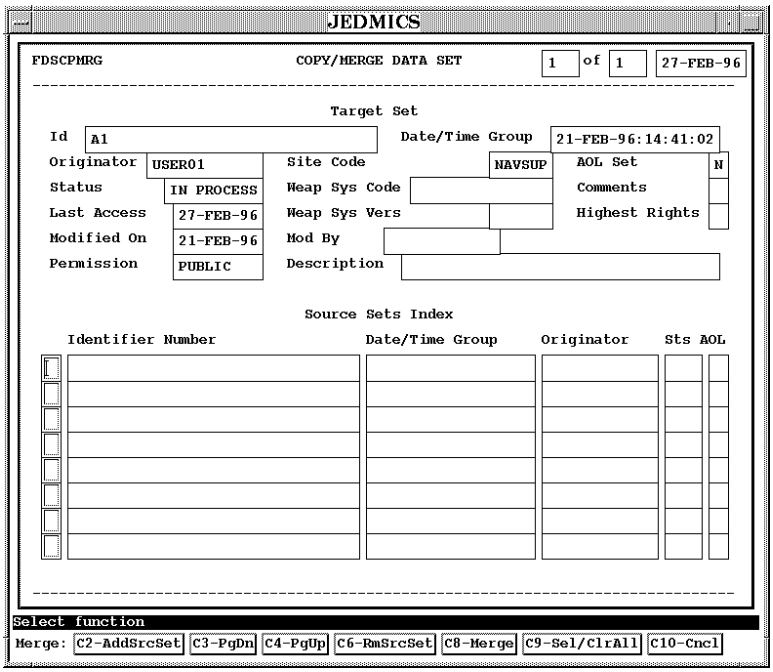

Figure 84.—Copy/Merge Data Set (Merge) Screen

b. To identify the repository data set or sets you want to merge into the current (target) set, select **C2-AddSrcSet**. The Repository Data Set (QUERY) screen displays.

There are two Repository Data Set (QUERY) screens. The one that you use here has the form name FDSSETB in the upper left corner, and has only two functions available. The other Repository Data Set (QUERY) screen has the form name FDSSET, and has four functions available. It is shown in the paragraphs under *Accessing Repository Data Sets*.

c. Enter the header information for the source repository data set. You may request a specific set or enter query criteria to perform a search.

Global searches are not permitted. You can use wildcard characters, with at least one significant character, to assist the search.

d. Select **C2-AddSrcSet** to initiate the query.

If the result is one specific set, the system locates the set and displays the message `One source set added to list` on the screen's status line.

OR

If the result of the query is multiple sets, they display on the Repository Data Set Index (Add) screen.

(1) Place an **X** next to each set that you want to merge into the target set.

(2) Press **C2-AddSrcSet**. The images in the source repository data sets will be marked to merge into the target set and the Repository Data Set (QUERY) screen redisplays.

e. You may query for and mark additional data sets to be merged into the target set by repeating steps c and d.

f. After identifying and marking all of the repository data sets whose images you want to merge into the target set, select **C10-Exit** to return to the Copy/Merge Data Set (Merge) screen. The `Source Sets Index` lines at the bottom of the screen now list the data sets that you marked to be merged.

g. Revise the sets that are listed. If you added a set in error, you can remove it from the list by placing an **X** in the far left selection column next to each set you want to remove, then selecting **C6-RmSrcSet**. The screen changes to the RmSrc mode. Make sure that each set you want to remove is selected with an X, then select **C6-Remove**. The screen changes back to the Merge mode, which no longer lists the data sets you removed.

h. Place an **X** next to each set on the (Merge) screen that you want to merge into the target set. To select all of the sets, use **C9-Sel/ClrAll**; use the same function again to clear the selection X from all the sets.

i. Select **C8-Merge**. All of the images in the selected data sets are added to the target set.

If any of the documents to be added are classified or limited rights data, a classification warning message displays and must be acknowledged before you may proceed.

The merge process completes and you return to the Repository Data Set Summary (MODIFY) screen, where you see that the documents listed now include those that you just merged into the target set.

Appending Documents to Repository Data Sets

Once a repository data set exists, you can use the Append function to quickly and easily append documents to it.

Appending a document to a data set is the same function as adding a document to modify a data set. The only difference between append and modify is the sequence of commands that are executed to access the Document Number Input (ADD) screen.

Begin from the Repository Data Set (ENTRY) screen:

a. Select **C2-Query**. The Repository Data Set screen switches to the QUERY mode.

b. Enter the Identifier of the repository data set that you want to append documents to.

If you do not know the exact Identifier, you can use wildcard characters, with at least one significant character, to assist the search. A percent sign (%) represents multiple characters and an underscore (_) represents a single character.

c. Select **C6-Append**.

If you identified the exact repository data set, the Document Number Input (ADD) screen displays. Proceed to step d.

If more than one repository data set meets your query criteria, those sets display on the Repository Data Set Index (INDEX) screen. Select the repository data set to which you want to append documents by placing an **X** in the far left selection column. Select **C6-Append**. The Document Number Input (ADD) screen displays.

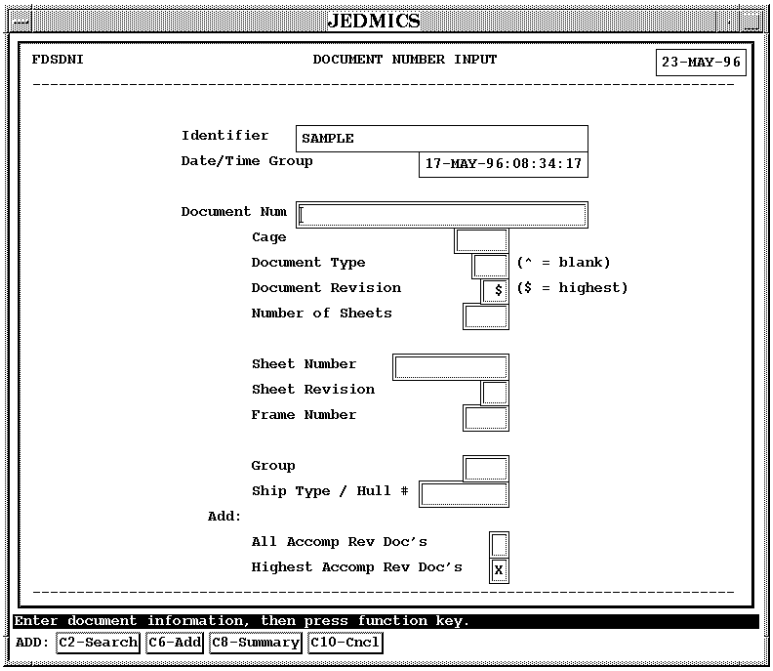

Figure 85.—Document Number Input (ADD) Screen

d. At the Document Number Input (ADD) screen, you can either enter the document number of the document you want to add to the set, or execute a search to identify the document number of the document you want to add.

<u>If you know the document number of the document you want to add to the set:</u>

(1) Enter the identifying data of the document you want to add in the appropriate fields.

The C6-Add function automatically adds all versions of the specified base document, along with associated documents and accompanying documents, depending on the values in the Document Number Input (ADD) screen. You will not be given an opportunity to verify or edit those documents before they are added. Take a moment to ensure that you have specified the appropriate identifying data.

Document Type

- To add just the base document, use the system default "^", which specifies a null document type.
- To add the base document and all associated documents, delete the system default and leave the field blank.

Document Revision

- To add only the highest revision of a base document, use the system default "$".

- To add all revisions of the base document, delete the system default and leave the field blank.

Accompanying Documents

- To add only the highest revision of any accompanying documents associated with the base document, enter an **X** in the `Add:Highest Accomp Rev Doc's` field. (This is the system default and automatically appears each time the Document Number Input (ADD) screen is accessed.)
- To add all accompanying documents associated with the base document, enter an **X** in the `Add:All Accomp Rev Doc's` field. (You may need to delete the X in the `Highest Accomp Rev Doc's` field.)
- To add only the base document and no accompanying documents, leave both of the `Accomp Rev Doc's` fields blank. (You may need to delete the X from one of the fields.)

(2) Select **C6-Add**. The document is added to the repository data set. You remain at the Document Number Input (ADD) screen.

(3) You can continue to add documents, or select **C10-Cncl** to return to the Repository Data Set (QUERY) screen.

<u>To search for the document(s) you want to add to the set:</u>

(1) Enter the search criteria in the appropriate fields. At a minimum, enter at least one significant character and an appropriate wildcard in the `Document Num` field.

(2) Select **C2-Search**. The results of the search determine which screen displays.

If the search yields multiple documents, the Document Directory List (ADD) screen displays.

Mark the desired document(s) by placing an **X** in the far left selection column, then select **C6-Add**. The document is added and you return to the Document Number Input (ADD) screen.

OR

If a single document meets the search criteria, the information for that document displays on the Image List (ADD) screen.

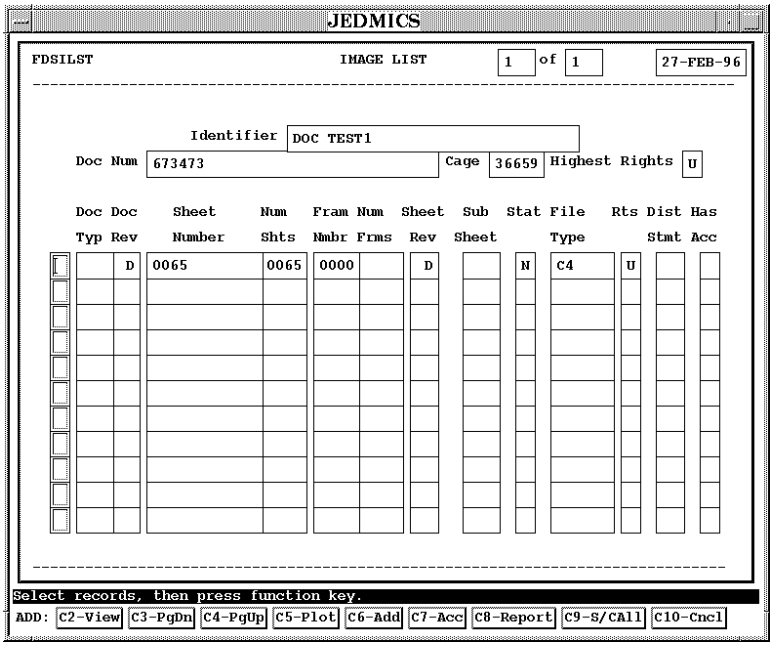

Figure 86.—Image List (ADD) Screen

Enter an **X** in the far left selection column next to each image you want to add to the repository data set. Select **C6-Add**. The selected images are added and you return to the Document Number Input (ADD) screen.

e. Continue appending documents, or select **C8-Summary** to see a list of the documents in the data set, or press **C10-Cncl** to return to the Repository Data Set (QUERY) screen.

Deleting a Repository Data Set

A data set may be deleted from the system if the user and the chosen set meet the following criteria:

Permission:

- the user must be at the same or higher user level as the user who created the set.
- within a given user class, the user must have been given the permission to modify operations.

Security:

- the user must have permission to have access to ALL drawings within the set to be deleted.

a. From the Repository Data Set (ENTRY) screen, select **C2-Query** to change the screen mode to QUERY.

b. Enter the identifying data for the repository data set you want to delete. At a minimum, you must enter a full identifier or a partial identifier plus a wildcard symbol.

c. Select **C9-Del**.

If you identified a specific repository data set, it is retrieved and displayed on the Repository Data Set screen. The screen mode changes to DELETE.

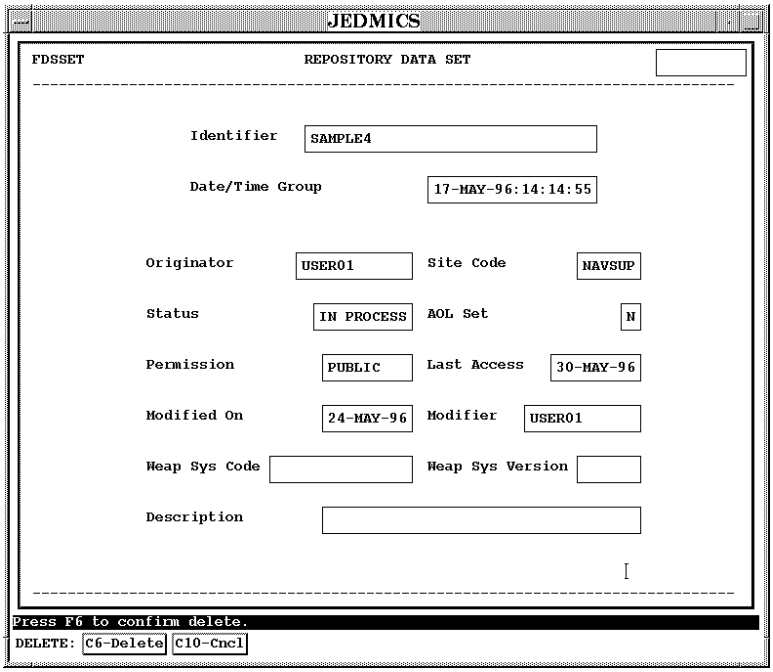

Figure 87.—Repository Data Set (DELETE) Screen

Select **C6-Delete**. The set is deleted and the screen changes back to the QUERY mode.

If you identified multiple sets to be deleted, they display on the Repository Data Set Index (INDEX) screen.

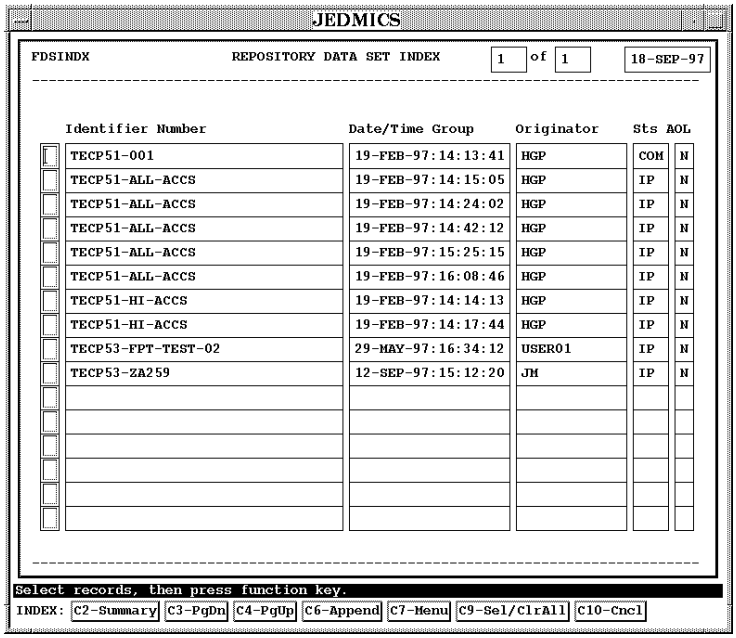

Figure 88.—Repository Data Set Index (INDEX) Screen

d. Select **C7-Menu** to change the screen mode to INDEX2.

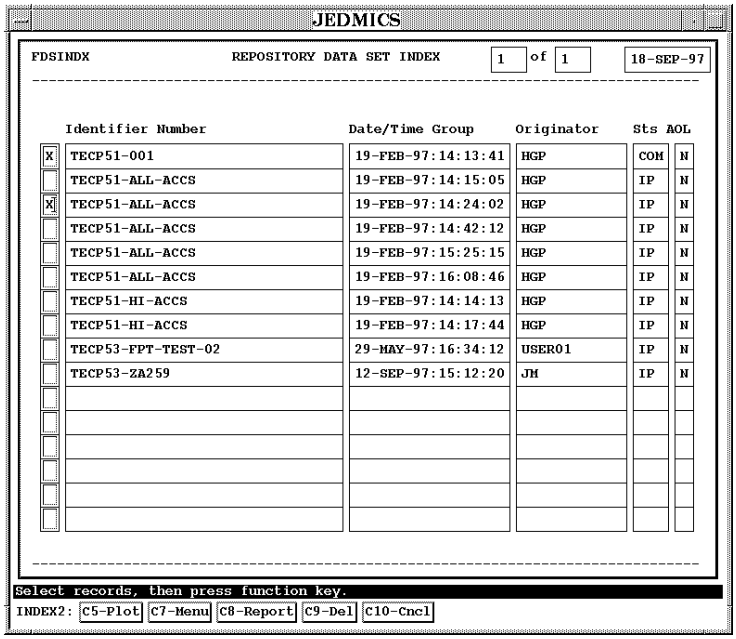

Figure 89.—Repository Data Set Index (INDEX2) Screen

e. Place an **X** next to each set to be deleted.

f. Select **C9-Del**. This changes the Repository Data Set Index screen to the DELETE mode.

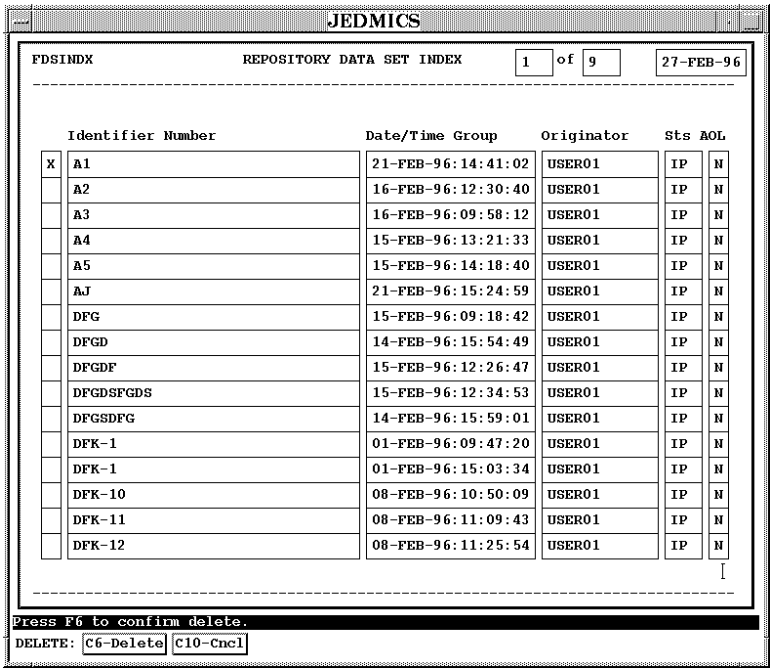

Figure 90.—Repository Data Set Index (DELETE) Screen

g. Select **C6-Delete** to confirm the deletion. The repository data sets you selected are deleted from the system and the Repository Data Set Index screen changes back to the INDEX2 mode, which no longer lists the sets you deleted.

h. Select **C10-Cncl** to return to the Repository Data Set (QUERY) screen.

Modifying and Viewing Accompanying Documents

To work with the accompanying documents that are associated with a specific base document within a data set, go to the Repository Data Set Summary (SUM) screen (see the paragraphs on *Accessing Repository Data Sets*) and complete these steps:

a. Select the appropriate base document by placing an **X** in the far left selection column. You must select a document marked as having accompanying documents or the system will prompt you to select a different document.

If you did not select either the `Add: Highest Accomp Rev Docs` field or the `Add: All Accomp Rev Docs` field when the base document was added to the repository data set, no accompanying documents were associated with the set at that time. Therefore, even if the base document has accompanying documents, you will not be able to view or modify them from the Repository Data Set Accompanying Images (ACC) screen.

b. Select **C8-Acc** to display the Repository Data Set Accompanying Images (ACC) screen.

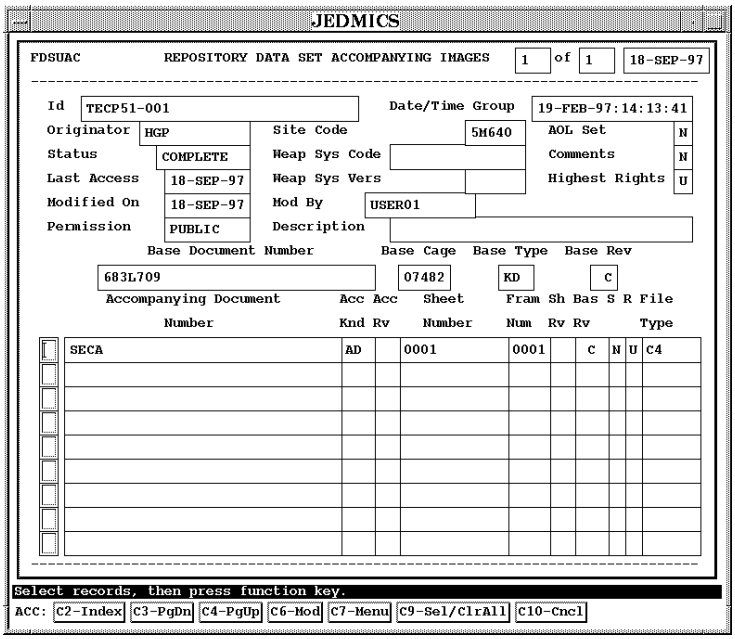

Figure 91.—Repository Data Set Accompanying Images (ACC) Screen

This screen shows the same summary information that is displayed on the Repository Data Set Summary (SUM) screen, and lists all accompanying documents for the base document you selected.

If the list of accompanying documents is long, use C3-PgDn or C4-PgUp to page through the list.

c. Use an **X** to mark each accompanying document for which you want to see an index record, then select **C2-Index**. JEDMICS displays the Drawing Data (IMAGES) screen.

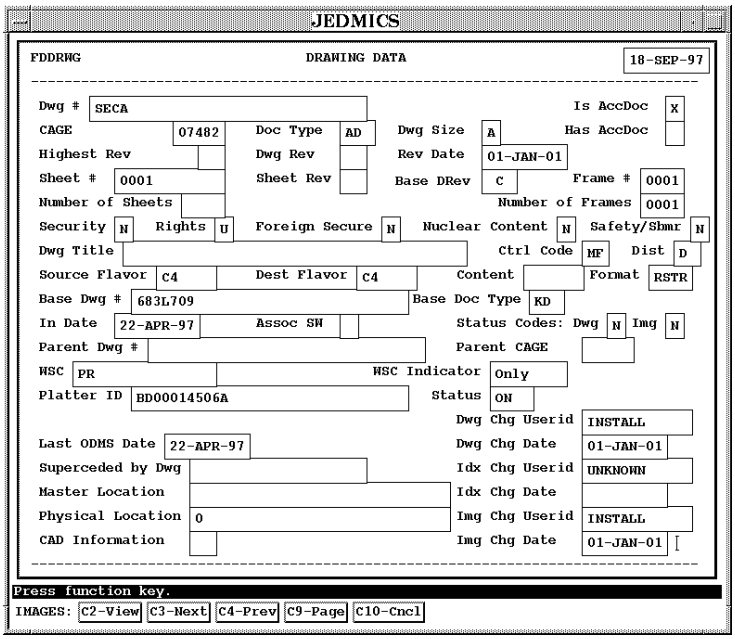

Figure 92.—Drawing Data (IMAGES) Screen

If you selected more than one accompanying document at the Repository Data Set Accompanying Images (ACC) screen, use **C3-Next** and **C4-Prev** to move among the index records for those documents. (You will see the Dwg # and other fields change as you move among the records.)

Use **C9-Page** to view a second page of index data for a document.

Select **C2-View** to launch the Productivity Edge Image Editor and view the images you selected.

d. Use the following function keys to work with the accompanying documents listed:

- C6-Mod — accesses the screens that allow you to add or replace accompanying documents.
- C7-Menu — accesses the view, plot, and report generation functions.
- C9-Sel/ClrAll — selects or deselects all accompanying documents listed for the chosen base document.

See the paragraphs that follow for instructions on performing these functions from the Repository Data Set Accompanying Images (ACC) screen.

Adding Accompanying Documents

From the Repository Data Set Accompanying Images (ACC) screen:

a. Select **C6-Mod**. The Repository Data Set Accompanying Images screen switches to the MODIFY mode and displays a new set of function keys.

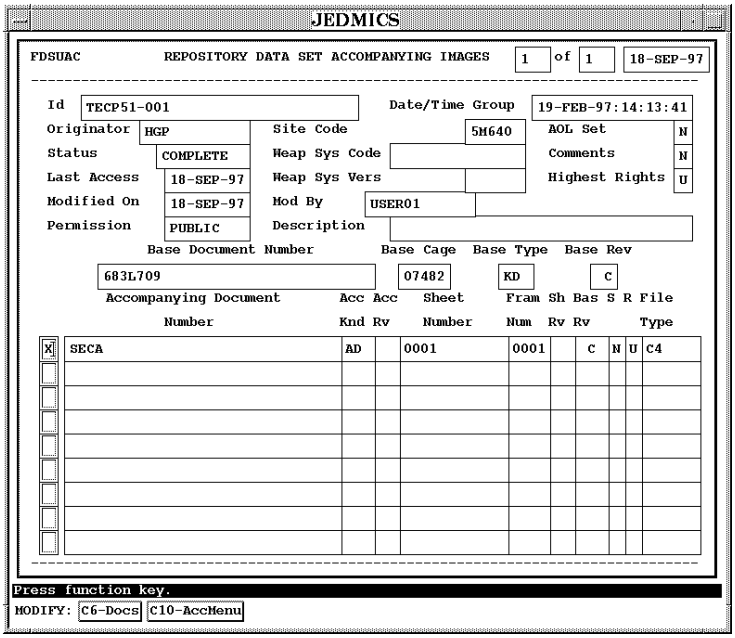

Figure 93.—Repository Data Set Accompanying Images (MODIFY) Screen

b. Select **C6-Docs**. The Document Number Input (ADD) screen displays.

<u>If you know the specific accompanying document(s) you want to add:</u>

a. Enter the document number and any other appropriate index information, then select **C6-Add**. The number of images added to the set displays on the status line, and you remain at the Document Number Input (ADD) screen.

b. You may continue to add documents from here or select **C10-Cncl** to return to the Repository Data Set Accompanying Images (MODIFY) screen.

<u>To search for the accompanying document(s) you will be adding to the set:</u>

a. Enter query criteria in the appropriate fields. At a minimum, you must enter at least one significant character and an appropriate wildcard in the `Document Num` field.

b. Select **C2-Search**. If multiple documents are found, the Document Directory List (ADD) screen displays. If a single document meets the search criteria, the Image List (ADD) screen displays.

From the Document Directory List (ADD) screen:

(1) Place an **X** in the far left selection column to mark the document(s) you want to add to the repository data set.

(2) Select **C6-Add** or **C10-Cncl**. If you choose to add the image, the image is added to the set. Whether you add or cancel, you return to the Document Number Input (ADD) screen.

From the Image List (ADD) screen:

(1) Place an **X** in the far left selection column to mark each document you want to add to the base document marked in the Repository Data Set Accompanying Images (ACC) screen.

(2) Select **C6-Add** or **C10-Cncl**. If you choose to add the image, the image is added to the set. Whether you add or cancel, you return to the Document Number Input (ADD) screen.

Replacing Accompanying Documents

From the Repository Data Set Accompanying Images (ACC) screen:

a. Select **C6-Mod**. The Repository Data Set Accompanying Images (MODIFY) screen displays.

b. Place an **X** in the far left column to mark each accompanying document you want to replace.

c. Select **C6-Docs**. The Document Number Input (SAVE) screen displays.

<u>If you know the specific accompanying document that is to replace those selected:</u>

a. Enter the accompanying document number in the `Document Num` field.

b. Select **C6-Save**.

   A warning message displays notifying you that the document you marked will be removed from the data set as the replacement document is added to the data set.

c. Select **C2-Save** to confirm the replacement, or **C10-Cncl** to cancel the action. If you confirm the replacement, the Document Number Input (ADD) screen displays. If you cancel, you return to the Document Number Input (SAVE) screen to identify a different replacement document.

To search for the accompanying document(s) that will be replacing those marked:

a. Enter query criteria in the appropriate fields. At a minimum, you must enter at least one significant character and an appropriate wildcard in the `Document Num` field.

b. Select **C2-Search**. If multiple documents are found, the Document Directory List (SAVE) screen displays. If a single document meets the search criteria, the Image List (SAVE) screen displays.

From either the Document Directory List (SAVE) screen or the Image List (SAVE) screen:

(1) Place an **X** in the far left selection column to mark the document(s) you want to replace those marked in the Repository Data Set Accompanying Images (ACC) screen.

(2) Select **C6-Save**.

A warning message displays notifying you that the document you marked will be removed from the data set as the replacement document is added to the data set.

(3) Select **C2-Save** to confirm the replacement, or **C10-Cncl** to cancel the action. If you confirm the replacement, the images are added and the Document Number Input (ADD) screen displays. If you cancel, you return to the (SAVE) screen from which you started.

Viewing an Accompanying Document

From the Repository Data Set Accompanying Images (ACC) screen:

a. Select **C7-Menu**. This changes the screen to the ACC2 mode.

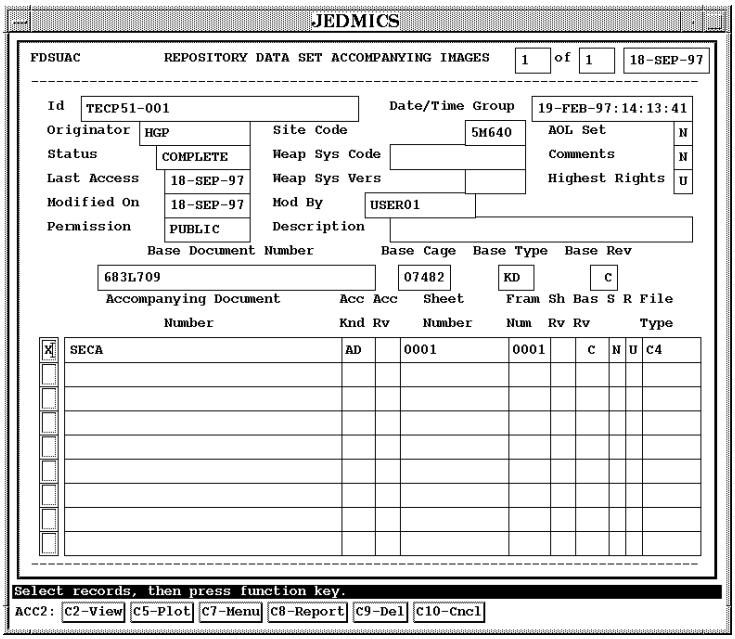

Figure 94.—Repository Data Set Accompanying Images (ACC2) Screen

b. Place an **X** in the far left selection column to mark the document you want to view.

c. Select **C2-View**. This launches the Productivity Edge Image Editor application and opens the Editor window at the top left of your screen.

   The selected image is retrieved and displayed in a separate window on your screen. The Repository Data Set Accompanying Images screen switches to VIEW mode and remains in a window in the background.

   For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User's Guide*.

The Repository Data Research Tool is a view-only function. Any changes made to an image retrieved through Repository Data Research Tool will not be saved.

d. To close an image you were viewing, click the title bar of the Repository Data Set Accompanying Images (VIEW) screen to make it the active window and bring it to the foreground.

Avoid using the Editor File Menu commands to close an image or exit the Editor. Those commands apply to the image at the local workstation level and may not be recognized by JEDMICS when you return to the JEDMICS application.

e. Press **C10-Done**. The image window closes and you return to the Repository Data Set Accompanying Images (ACC2) screen. You can now retrieve another image, or press **C10-Cncl** to return the Repository Data Set Accompanying Images screen to the ACC mode.

Plotting an Accompanying Document

From the Repository Data Set Accompanying Images (ACC) screen:

a. Select **C7-Menu**. This changes the screen to the ACC2 mode.

b. Place an **X** in the far left selection column to mark the document you want to plot.

c. Select **C5-Plot**. This accesses the Plotter Selection Form.

d. Enter the output device of your choice.

e. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen.

f. Enter the appropriate parameters and select **C2-Select** to queue for output. JEDMICS reports the job ID number for your print request.

When printing an accompanying document the identifying data shown on the leading edge of the paper is in this order: security classification, base drawing number, sheet number, frame number, base drawing revision, CAGE code, and document type. A sample follows.

```
Unclassified  TECP53-BASE-ACC-01  0001  0001  C  6B666  AK
```

g. Select **C10-Exit** twice to return to the Repository Data Set Accompanying Images (ACC) screen.

Printing a Report

To print a report that lists the index data for selected accompanying documents, complete these steps from the Repository Data Set Accompanying Images (ACC) screen:

a. Select **C7-Menu**. This changes the screen mode to ACC2 and provides a new set of function keys.

b. Enter an **X** in the far left column next to each accompanying document for which you want to see index data.

c. Select **C8-Report**. The Printer Selection Form screen displays.

d. Enter the printer of your choice and select **C2-Save**. This accesses the Printer Parameter Entry Form screen.

e. Verify or revise the parameters and select **C2-Save**. Your print request is queued for output and the job ID number displays on the status line.

f. Select **C8-Cncl**, then **C8-Exit** to return to the Repository Data Set Accompanying Images (ACC2) screen.

Deleting an Accompanying Document

From the Repository Data Set Accompanying Images (ACC) screen:

a. Select **C7-Menu**. This changes the screen to the ACC2 mode.

b. Place an **X** in the far left selection column to mark each accompanying document you want to delete.

c. Select **C9-Del**. The Repository Data Set Accompanying Images screen changes to the DELETE mode.

d. Select **C6-Delete** to confirm the deletion, or **C10-Cncl** to cancel. Either action returns you to the Repository Data Set Accompanying Images (ACC2) screen.

Accessing Details of a Repository Data Set

If you want to view, modify, output, or delete detailed information or images for a particular document in a repository data set, such as the sheets or frames included, you need to access the Repository Data Set Detail screen.

Begin from the Repository Data Set Summary screen.

a. Select the document for which you want to see detailed information by placing an **X** in the far left selection column.

b. Select **C2-Detail**. This accesses the Repository Data Set Detail (DET) screen.

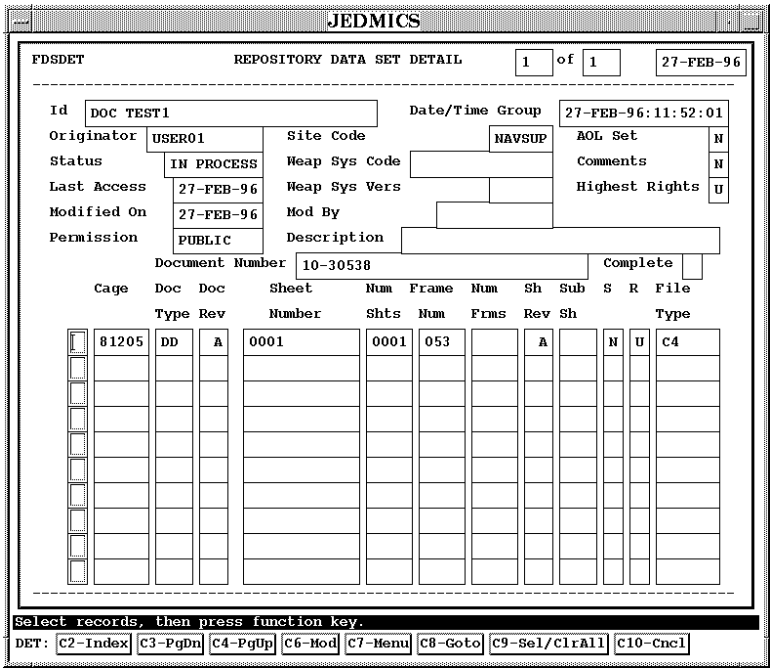

Figure 95.—Repository Data Set Detail (DET) Screen

If the selected document contains multiple screens of records, you can use the C8-Goto function key to enter the sheet number you want. Then select C2-Search and the system displays the selected sheet number at the top of the scroll list.

From the Repository Data Set Detail (DET) screen you can retrieve detailed index data for a selected image; add or replace an image; or view, plot, print, or delete an image. Refer to the appropriate paragraphs that follow for instructions on accomplishing these functions.

Retrieving Detailed Index Data

From the Repository Data Set Detail (DET) screen:

a. Select the index record or records for which you would like to see additional index data by entering an **X** in the far left selection column.

b. Select **C2-Index**. This accesses the Drawing Data (IMAGES) screen displaying the index data for the selected record(s).

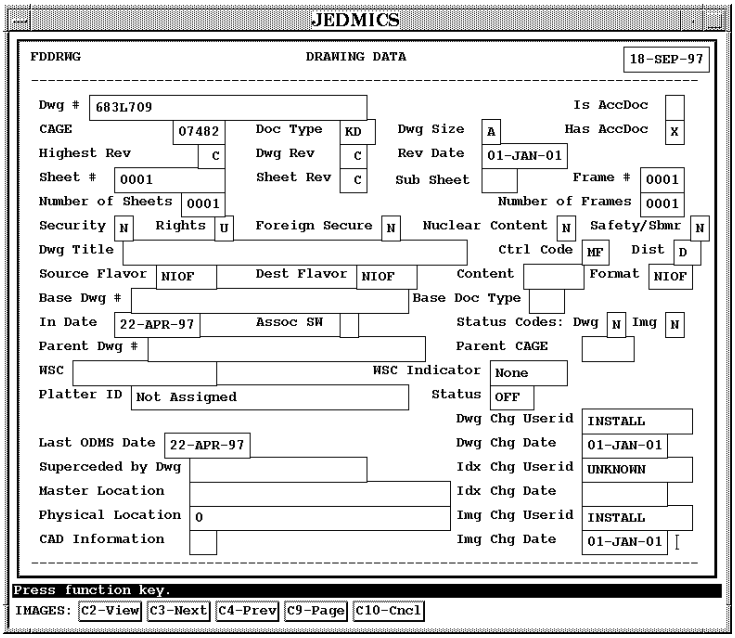

Figure 96.—Drawing Data (IMAGES) Screen

If you selected multiple records, you can use the C3-Next and C4-Prev keys to display the next index record.

c. To view the image associated with any of the records, select **C2-View**.

   The Productivity Edge Image Editor application launches and the selected image displays. A modified Drawing Data (IMAGES) screen remains in a window in the background.

If you selected and retrieved multiple index records, you can use the C3-Next or C4-Prev function keys to close the image you are viewing and page to the next or previous index record. Select C2-View again to view that image.

d. When you are done viewing images, click the title bar of the Drawing Data (IMAGES) window to make it the active window and bring it to the foreground, and select **C10-Cancel**.

   You return to the Repository Data Set Detail (DET) screen.

The Productivity Edge Image Editor application remains active until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the Editor window.

Adding Images to a Repository Data Set Detail

Begin from the Repository Data Set Detail (DET) screen.

Do not select any of the index records. Delete any Xs from the far left selection column.

a. Select **C6-Mod**. This changes the screen to the MODIFY mode.

b. Select **C6-Docs**. This accesses the Document Number Input (ADD) screen.

   At this screen you can either query for a document that contains the image(s) you want to add by selecting **C2-Search**, or enter the index data for a specific image.

The following instructions assume that you know the specific image you want to add!

c. Enter the specific index data of the image you want to add.

If you specify only the document number, the entire document will be added to the repository data set. If you want to add only a specific sheet or frame, you need to enter the specific sheet or frame number, including any leading zeros, in the Document Number Input (ADD) screen.

d. Select **C6-Add**. The status line reports that the image has been added.

e. You can continue to add documents or images, or select **C10-Cncl** to return to the Repository Data Set Detail (MODIFY) screen.

f. Select **C10-DetMenu** to switch the Repository Data Set Detail screen back to the DET mode. The screen now includes the index record of each image that was added.

Replacing Images in a Repository Data Set Detail

Begin from the Repository Data Set Detail (DET) screen.

a. Select the index record of the image you want to replace by entering an **X** in the far left selection column.

b. Select **C6-Mod**. This changes the screen to the MODIFY mode.

c. Select **C6-Docs**. This accesses the Document Number Input (SAVE) screen.

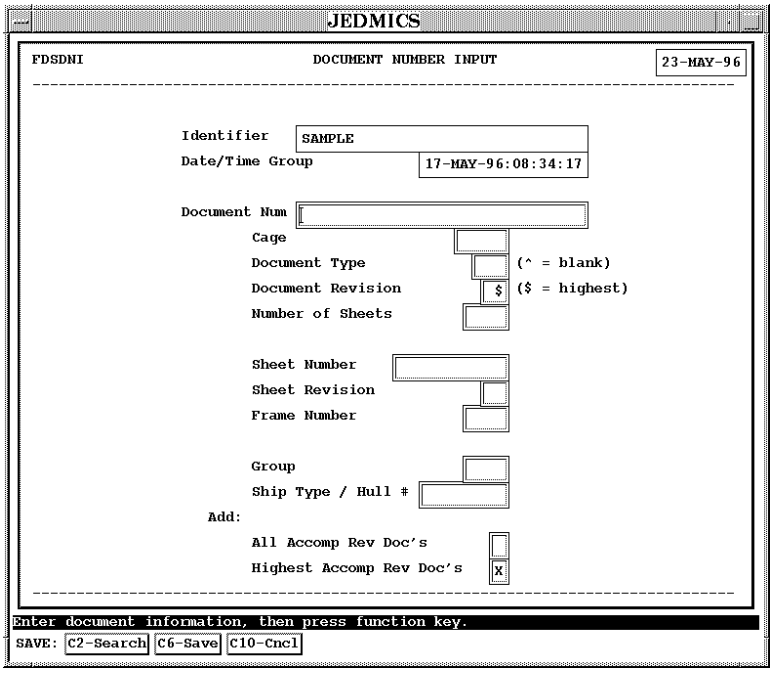

Figure 97.—Document Number Input (SAVE) Screen

d. Enter the index data of the replacement image.

If you specify only the document number, the entire document will be added to the repository data set. If you want to add only a specific sheet or frame, you need to enter the specific sheet or frame number, including leading zeros, in the Document Number Input (SAVE) screen.

e. Select **C6-Save**. A warning message screen displays reminding you that the image you selected will be replaced by the document/image you just specified.

Once you confirm the replacement, the system automatically deletes the image you selected from the repository data set, and replaces it with either the document or the image you specified. If you do not want to delete the image from the repository data set, select C10-Cncl and you will return to the Document Number Input (SAVE) screen.

f. Select **C2-Save** to confirm the replacement.

The system rapidly replaces the selected image and switches the Document Number Input screen to the ADD mode.

If you specify an image that already exists in the repository data set, the system displays an `All images found are already in the data set` message. You need to acknowledge the message to continue. Modify the specified document/image index data or select C10-Cncl to return to the Repository Data Set Detail (MODIFY) screen.

g. Select **C10-Cncl** to return to the Repository Data Set Detail (MODIFY) screen. The screen rapidly replaces the selected index record with the added index record.

h. Select **C10-DetMenu** to switch the Repository Data Set Detail screen back to the DET mode.

Viewing a Detail Image

Begin from the Repository Data Set Detail (DET) screen.

a. Select **C7-Menu**. This Repository Data Set Detail screen switches to the DET2 mode and displays a new set of function keys.

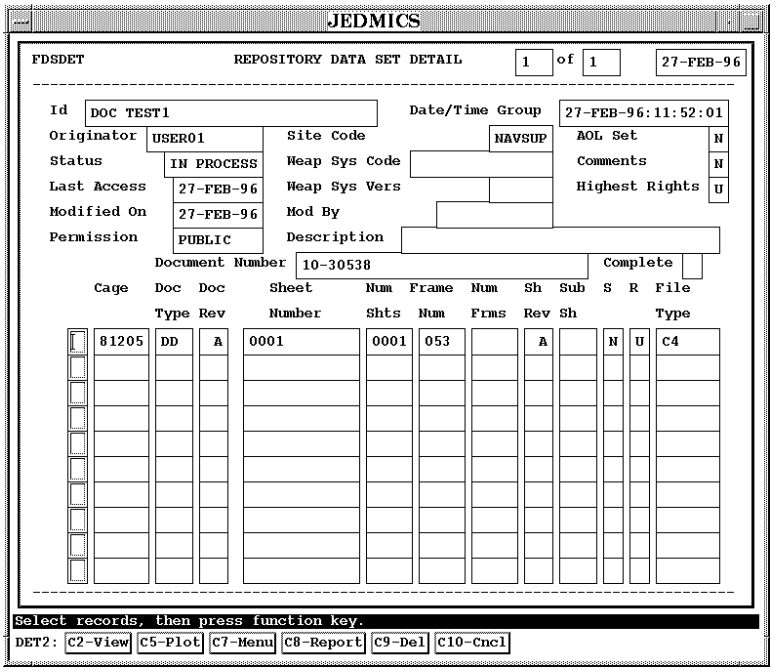

Figure 98.—Repository Data Set Detail (DET2) Screen

b. Select the index record for which you want to view an image by entering an **X** in the far left selection column.

c. Select **C2-View**. The Productivity Edge Image Editor application launches and the image is retrieved and displayed. The Repository Data Set Detail screen switches to the VIEW mode and remains in a window in the background.

Use the Productivity Edge Image Editor capabilities to view the image.

For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User's Guide*.

d. When you finish viewing the image, click the title bar of the Repository Data Set Detail screen to make it the active window and bring it to the foreground. Select **C10-Done**.

   The image closes and the Repository Data Set Detail (VIEW) screen switches back to the DET mode.

The Editor application remains active until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the Editor window.

Plotting a Detail Image

Begin from the Repository Data Set Detail (DET) screen.

a. Select **C7-Menu**. This changes the screen to the DET2 mode.

b. Select the index record of the image you want to plot by entering an **X** in the far left selection column.

c. Select **C5-Plot**. This accesses the Plotter Selection Form.

d. Enter the name of the plotter you want to use. Available plotters are listed on the screen.

e. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen displaying the plot parameters for the selected plotter. Revise the parameters as necessary.

The system saves any parameters or remarks you enter and use them as the new default parameters. These new defaults will be reset to the system defaults when you log off.

f. Select **C2-Accept**. The job is queued for output, the job ID is reported in the status line, and an additional function key (C6-Report) becomes available. This function key permits you to print four plot reports.

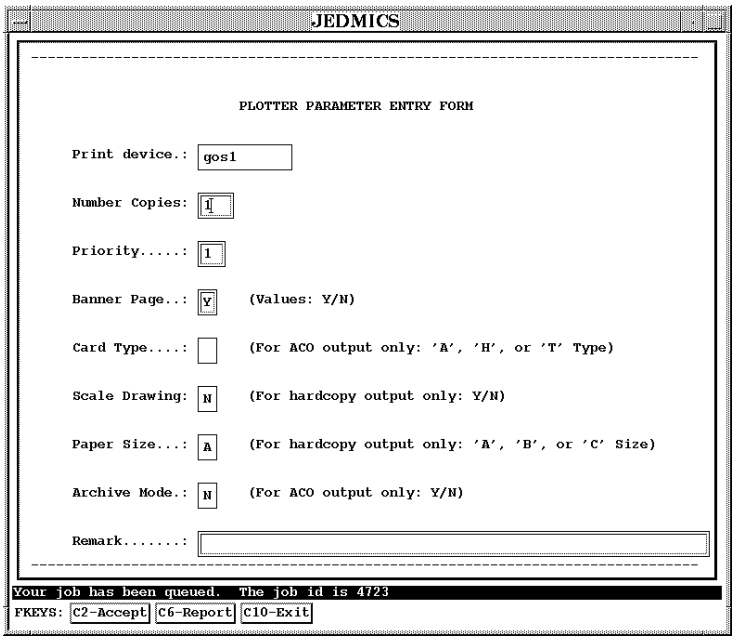

Figure 99.—Plotter Parameter Entry Form with Report Function Key

g. Select **C6-Report**. This accesses the Repository Data Set Plot Report (REPORT) screen.

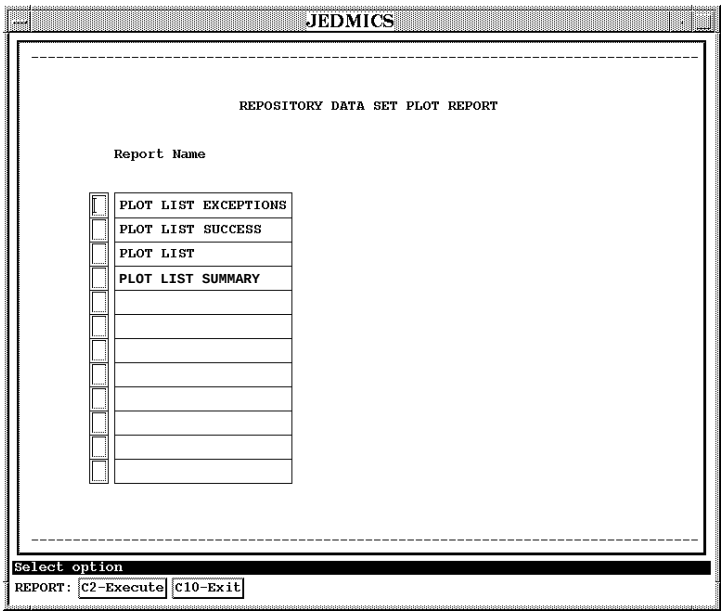

Figure 100.—Repository Data Set Plot Report (REPORT) Screen

h. Select the report you want by entering an X in the far left selection column.

You may select any or all reports. Use the Plot List Report to verify queued status of jobs when output is directed to the generic output service (GOS) utility.

i. Select **C2-Execute**. This accesses the MRS Report Schedule Entry Screen (GENERATE) and displays the parameters for the specified report(s).

j. Complete the parameters for the specified report(s).

k. Select **C2-Generate**. This accesses the MRS Report Macro Response Screen with the job ID of the previous plot job displayed as a macro response.

l. Select **C4-Save/Done**. This accesses the MRS Column Ordering Entry Screen. Enter or replace the sort sequences displayed.

m. Select **C4-Save/Done**. The report is scheduled and the schedule ID displayed in an acknowledge message window. Click **OK** to acknowledge the message.

n. Select **C2-Check Status**. The MRS Report Schedule Entry Screen (GENERATE_COMPLETE) displays. Select the appropriate function key to delete, view, or print the report, then follow the instructions provided on the status line.

o. When you finish with the report, select the appropriate function keys to exit out of the screens until you return to the Repository Data Set Detail (DET2) screen.

p. Select **C7-Menu** to switch the Repository Data Set Detail screen back to the DET mode.

Generating a Detail Report

You can generate a Document Set Detail report that contains the index data displayed on the Repository Data Set Detail screen. Begin from the Repository Data Set Detail (DET) screen.

a. Select **C7-Menu**. This changes the screen to the DET2 mode.

b. Select the index records to be included on the Document Set Detail report by entering an **X** in the far left selection column.

c. Select **C8-Report**. This accesses the Printer Selection Form.

d. Enter the name of the printer you want to use. A list of available printers displays on the screen.

e. Select **C2-Save**. This accesses the Printer Parameter Entry Form displaying the print parameters for the selected printer. Revise the parameters as required.

f. Select **C2-Save**. The job is queued for output and the job ID is reported on the status line.

g. Select **C8-Cancel**, then **C8-Exit** to return to the Repository Data Set Detail (DET2) screen.

h. You may continue to execute functions, or select **C7-Menu** to switch the Repository Data Set Detail screen back to the DET mode.

Deleting a Detail Image

Begin from the Repository Data Set Detail (DET) screen.

a. Select **C7-Menu**. This changes the screen to the DET2 mode.

b. Select the index record of the image or images to be deleted by entering an **X** in the far left selection column.

c. Select **C9-Del**. The screen switches to a DELETE confirmation mode.

d. Select **C6-Delete** to confirm the deletion.

   The index record of the image or images is deleted from the repository data set and the Repository Data Set Detail screen switches to the DET2 mode.

e. You may continue to execute the functions or select **C7-Menu** to return the Repository Data Set Detail screen to the DET mode.

Generating MRS Reports for Repository Data Sets

The following reports can be generated to provide information useful in managing repository data sets:

DS PRINT N MOD
The DS PRINT N MOD report provides a listing of repository data sets with a last modified date greater than a specified number of days, for example, 180 days after creation, last review, or modification. This report will include sets that have been modified (for example, appended to, edited comments) in that number of days.

DS PRINT DATASETS

The DS PRINT DATASETS report provides the ability to print a list of the index data for all images in a data set. It also contains a `Highest Rev` field, which will show you if a newer revision of the document is on file.

DS COMMON IMGS

This report is created to compare the contents of two repository data sets. DS COMMON IMGS lists all images common to the two repository data sets being compared. It contains the following columns: `DocSet_ID`, `Date/Time Group`, `DocNum`, `CAGE`, `DocType`, `DocRev`, `ShtNumber`, `FrmNumber`, `ShtRev`, `SubSheet`, and `File Type`.

DS DIFFERENT IMGS

DS DIFFERENT IMGS also compares the contents of two repository data sets. This report lists all images that are in the first repository data set but not the second, followed by all the images that are in the second repository data set but not in the first. The columns included in the report are `DocSet_ID`, `Date/Time Group`, `DocNum`, `CAGE`, `DocType`, `DocRev`, `ShtNumber`, `FrmNumber`, `ShtRev`, `SubSheet`, and `File Type`.

DS HIGHER REVISIONS

The DS HIGHER REVISIONS report reflects images that have higher revisions in the database. The report will list each of the repository data sets matching the input criteria and, for each set, every document in the set that has a more recent version in the database. A document has a more recent version in the database if the highest revision of the drawing in the database is greater than the highest revision of the drawing in the data set. The following fields will be listed: `Data Set ID`, `Data Set Date/Time Group`, `Doc Num`, `CAGE`, `Doc Type`, `Doc Rev`, and `Highest Rev`.

To generate one of these reports, complete these steps:

a. From the JEDMICS Main Menu, select **Management Reporting**. This opens the Management Reporting menu screen.

b. Select the **Generate a Report** option. This displays the MRS Report Schedule Entry Screen (GENERATE).

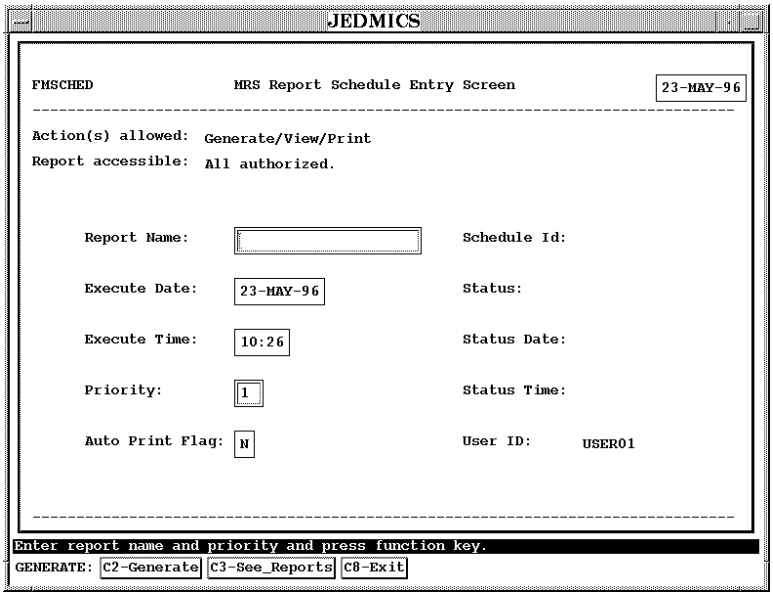

Figure 101.—MRS Report Schedule Entry Screen (GENERATE)

c. Type the name of the report you want to generate into the `Report Name` field, in uppercase and exactly as shown in the list of report names on pages 142-143.

d. You can accept the default priority, 1, by leaving it as-is, or, if your user profile gives you the ability to change priorities, you can go to the `Priority` field, place the cursor to the right of the 1, and press the backspace key to delete; then type in a different number.

e. Select **C2-Generate**. The system displays the MRS Report Macro Response Screen (MACRO_RESPONSE), which displays a list of macro responses—fields that let you enter selection criteria—that are specific to the report you are generating.

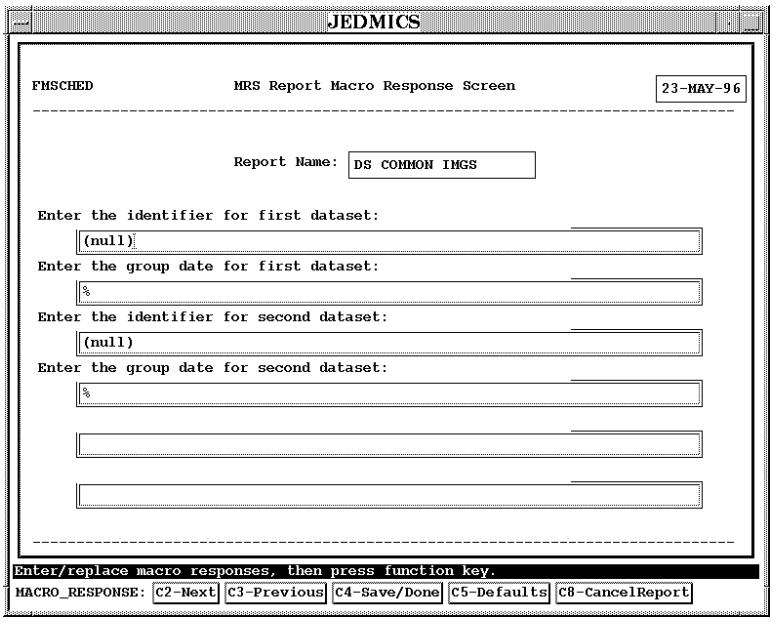

Figure 102.—Sample MRS Report Macro Response Screen (MACRO_RESPONSE)

If you are generating a report other than the one shown on the screen in the above sample, the macro responses you see will be different than the ones shown.

f. Fill in the macro response fields with the appropriate selection criteria.

All text entries must be in uppercase.

g. Select **C4-Save/Done**. This displays the MRS Column Ordering Entry Screen (SORT_SEQUENCE), which lets you determine the sort sequence—the order in which data columns will be sorted when the report is displayed or printed.

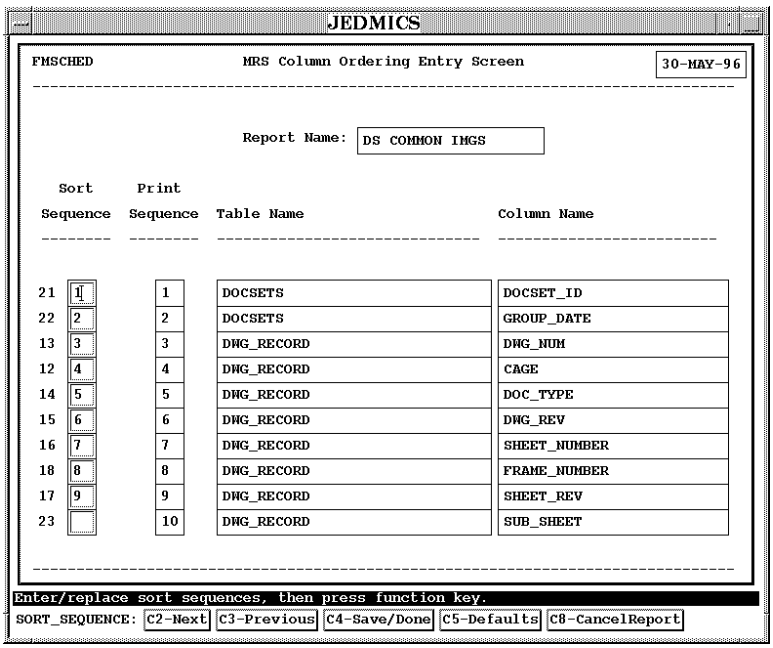

Figure 103.—Sample MRS Column Ordering Entry Screen (SORT_SEQUENCE)

h. Enter or change the sort sequence shown for the report you are generating. Use **C2-Next** and **C3-Previous** to scroll the list of column names.

i. Select **C4-Save/Done**. The report is scheduled and the system displays an acknowledge message box that shows the report's schedule ID number. Select **OK** to continue.

   The system displays the MRS Report Schedule Entry Screen, which is now in the GENERATING mode, and displays schedule and status information for the report you're generating.

j. Select **C2-Check_Status**. If the report is still being processed, the current status displays on the screen's status line. If the report has been generated, the screen mode changes to GENERATE_COMPLETE and the Status changes to COMP. You can then select **C6-View** to view the report or **C7-Print** to print the report.

After viewing or printing, use **C8-Exit** to return to the MRS Report Schedule Entry Screen, from which you can either generate another report or select **C8-Exit** to return to the Management Reporting menu.

Permanently Storing Index Data for a Repository Data Set

A repository data set remains in the system until the system administrator or the user who created it deletes it. A repository data set may be deleted because it is no longer required, or because the physical limitations of disk space require the system administrator to periodically clean up repository data sets. You may need to create and maintain a permanent record of the contents of a repository data set in the event that the set itself is deleted from the system. This is done by recording the repository data set index data onto optical storage media. The following are brief instructions for how to accomplish this. You may need to work with your system administrator to ensure that you are able to execute this successfully.

a. Generate a DS PRINT DATASETS report using the steps described in the previous section. The report file that is generated will be stored on the Index Server in the *edmics/reports* directory as {*jobid.userid*}; for example, *501.USER01*.

b. You or your system administrator can use the FTP utility to download the report file to the hard drive of your local workstation.

c. Use the Workstation File Import function to import the report file into the pending database.

d. Migrate the report file to permanent (optical) storage using the Migration/ODMS functions in the File Management Subsystem. For specific information on accessing this function, refer to the *System Administrator's Guide for the SGI Challenge/IRIX Host* or contact your system administrator.

3.6 Generating CD-Recordable Output

Incorporated into the JEDMICS application is the ability to identify images for output to a recordable compact disk (CD). This function operates like any other request for output: the workstation user identifies an image or images for output, specifies the output device and the plot parameters, and queues the request for output. However, instead of specifying a printer or plotter, such as HSP1 or LFP3, you specify the Generic Output Service utility (typically, gos1 or gos2).

To actually generate a recordable compact disk, your site must have configured a server with the Generic Output Service utility, a CD-Recordable device, and installed CD-mastering software. The site system administrator can then use the CD-mastering software to record the contents of the Generic Output Service directory onto the compact disk.

To identify images for output to a compact disk:

a. Go to any JEDMICS screen that has an C5-Plot function key. These include the Drawing Data (RQST) screen, the Drawing Map (SELECT) screen, and the Repository Data Set Detail screen.

Refer to the list of figures, the table of contents, or the index to locate these screens and the corresponding sections on plotting.

b. Identify and select the images to be output using the appropriate method for the screen you are on.

c. Select **C5-Plot**. The Plotter Selection Form screen displays.

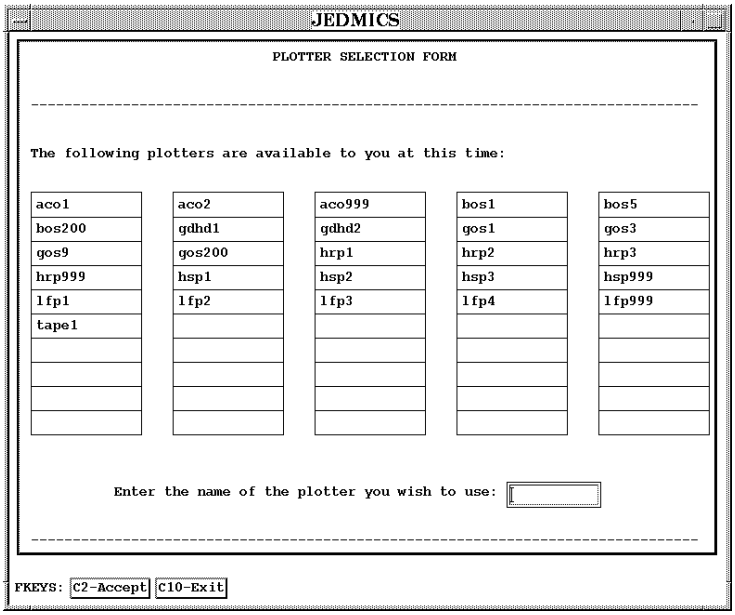

Figure 104.—Plotter Selection Form Screen

d. Enter the name of the CD-ROM directory, for example, gos1.

e. Select **C2-Accept**. This accesses a modified version of the Plotter Parameter Entry Form screen.

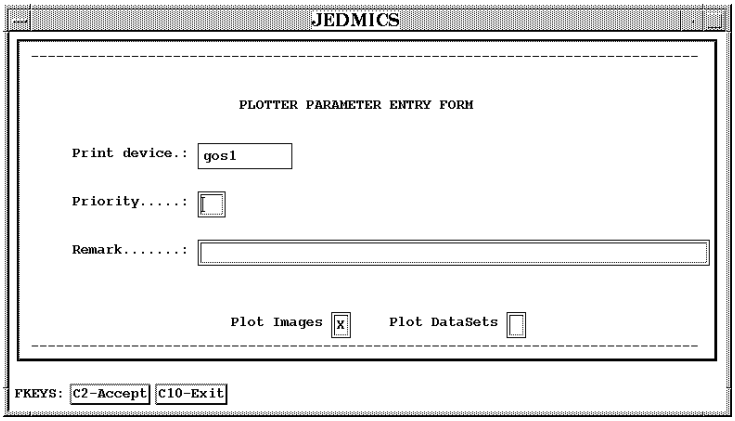

Figure 105.—Plotter Parameter Entry Form Screen

f. You can enter the priority of the output request and any remarks.

g. Select **C2-Accept**. The identified images are sent to the CD image directory selected with the Generic Output Service utility.

h. Select **C10-Exit** twice to return to the originating screen.

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4. Using Pending Data Retrieval

When images first enter JEDMICS, an index record is created and both the image and the index record are temporarily stored on magnetic disk pending a quality assurance review. These images and index records are referred to as pending data. Pending Data Retrieval is the name of the JEDMICS function used to retrieve pending data index records and images, perform quality assurance on them, and release them for migration to permanent storage. Pending Data Retrieval also provides access to the workstation file import function.

a. From the JEDMICS Main Menu select **Pending Data Retrieval**.

   This accesses the Pending Data Retrieval menu screen.

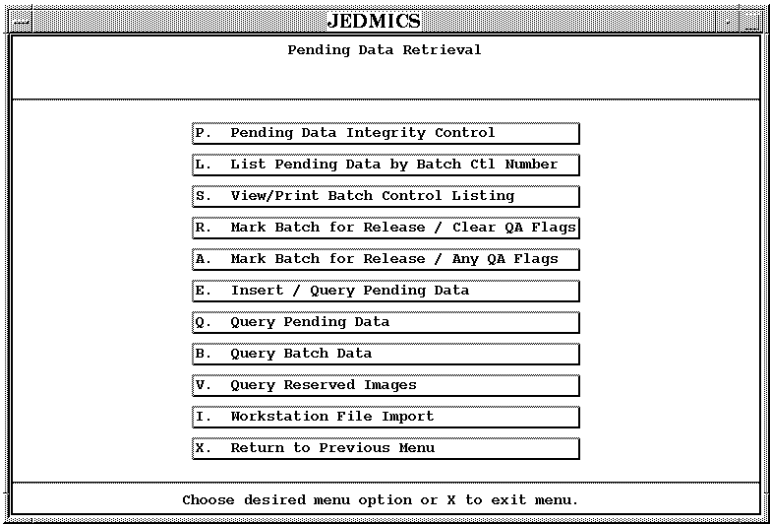


Figure 106.—Pending Data Retrieval Menu Screen

Some Pending Data Retrieval menu options are used exclusively for performing quality assurance activities. Depending on your user and workstation permissions, these menu options may not appear on your Pending Data Retrieval menu screen.

b. Use one of the following methods to select the Pending Data Retrieval option that you want to use:

   Use the left mouse button to click once on the option.

   OR

   Use TAB or SHIFT+TAB to highlight the menu option, then press the spacebar.

   OR

Use the UP and DOWN ARROW keys to highlight the menu option, then press the spacebar.

OR

Type the letter that corresponds to the menu option and press the spacebar.

For detailed instructions on using any of the Pending Data Retrieval options, refer to the appropriate paragraphs that follow.

4.1 Using Pending Data Integrity Control

The Pending Data Integrity Control option is used to access, verify, and correct index records stored in pending data storage. Images can also be accessed, edited, and either marked for deletion or approved for migration. Pending Data Integrity Control is also referred to as "Quality Assurance" or "QA".

Pending data is input into JEDMICS in batches. The system assigns each batch a unique batch control number (BCN). After the data in the batch has been migrated to permanent storage, drawings are retrieved by drawing number; however, while data is still in pending, it is retrieved by BCN.

To use the Pending Data Integrity Control option, you must be able to specify the BCN of each batch whose index records and images you want to work with.

Reserving Pending Data

Before you can perform any QA function, you must first reserve the pending data you want to QA. At a minimum, you must specify reserve criteria, but you may refine that by also specifying a reserve method and pending data status.

These instructions describe the optimum order in which to specify reserve criteria, reserve method, and status. If you choose to reserve data in a different order, the function keys that you will select and the steps that you will follow may differ slightly from what is described here.

a. From the Pending Data Retrieval Menu, select **Pending Data Integrity Control**. This accesses the Reserve Pending Data screen in the CRITERIA mode.

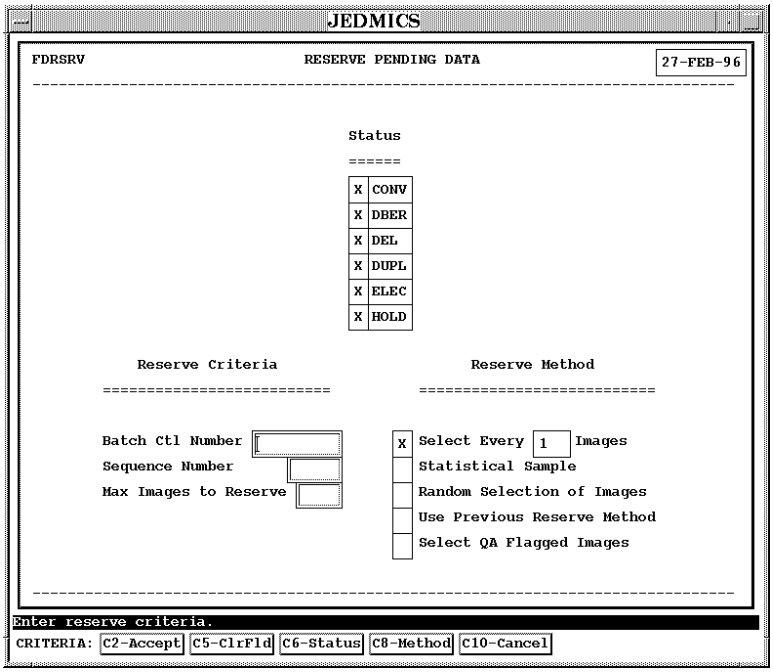


Figure 107.—Reserve Pending Data (CRITERIA) Screen

b. Enter reserve criteria in the fields at the lower left of the screen. At a minimum, you must enter a batch control number, because the system does not let you reserve pending data without one.

It is possible to complete the Reserve Pending Data (CRITERIA) screen without entering a batch control number; however, if you do, you will receive an error message later and have to backtrack to this screen.

To further define your reserve criteria, add a sequence number or maximum number of images. The three reserve criteria can be entered in four possible combinations, as follows:

Reserve Criteria Combinations	Notes
Batch Control Number only	Required
Batch Control Number and Sequence Number	Sequence number is entered if a specific image is to be reserved.
Batch Control Number, Sequence Number, and Maximum Images	Sequence number is entered if a specific image is to be reserved. Maximum images will override any reserve method specified.
Batch Control Number and Maximum Images	Maximum images will override any reserve method specified.

c. Select **C6-Status**. This switches the screen to the STATUS mode and displays a new set of function keys.

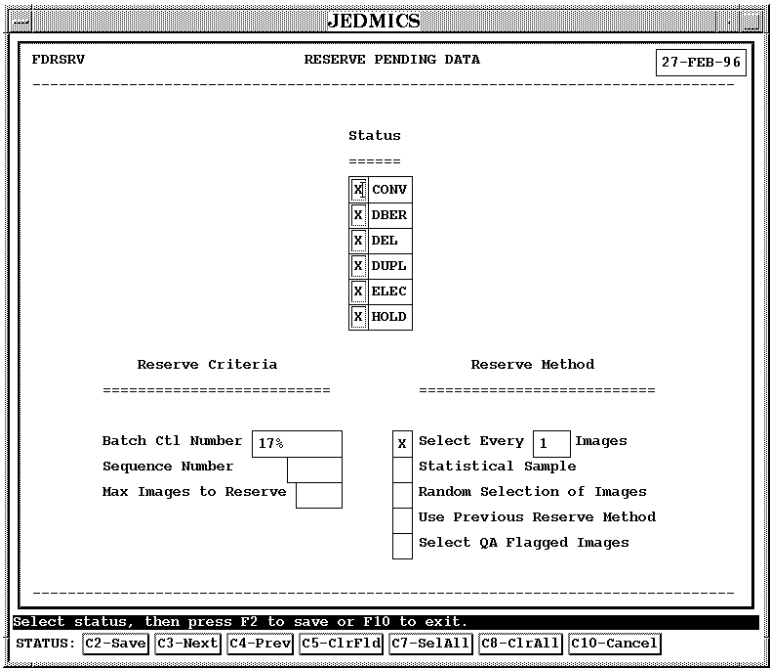


Figure 108.—Reserve Pending Data (STATUS) Screen

Although the `Status` section of the screen displays only six status codes at a time, any number of status codes may be selected. When your pending images are reserved, only images with the status codes you select here will be reserved.

A list of applicable status codes is provided in the following table.

Status Codes	Description
CONV	Convert
DBER	Database Error
DEL	Delete
DUPL	Duplicate. Indicates there is another image in the system with the same Drawing number, CAGE, Document Type, Drawing Revision, Sheet number, sheet revision, subsheet, Frame number, File type, Accompanying Doc number, kind, revision, sheet, and frame.
ELEC	Electronic
HOLD	On Hold
INPR	In Process

Status Codes	Description
IOER	Input-Output Error
NBD	No Base Drawing. Indicates image is not Sheet 1 and Sheet 1 is not in the system.
NHOL	New Hollerith. Indicates index data has been modified prior to migration.
NREV	Newly Revised
NSCN	Newly Scanned
OVWR	Overwrite
QACP	QA Complete
REJT	Reject. Sheets will be flagged with status of REJT when they enter the system with a different Rights value than sheets currently in the system.
RORD	Re-order
RREL	Ready for Release
RSCN	Rescan
RSRV	Reserved

d. Select one or more status codes by typing an **X** next to each. Use **C7-SelAll** to select all status codes. To clear one selected status code, place your cursor in that field and select **C5-ClrFld**. Use **C8-ClrAll** to clear all status codes.

e. When your changes to the status code list are complete, select **C2-Save**. This returns you to the Reserve Pending Data (STATUS) screen.

f. Select **C8-Method** to switch the screen to the METHOD mode.

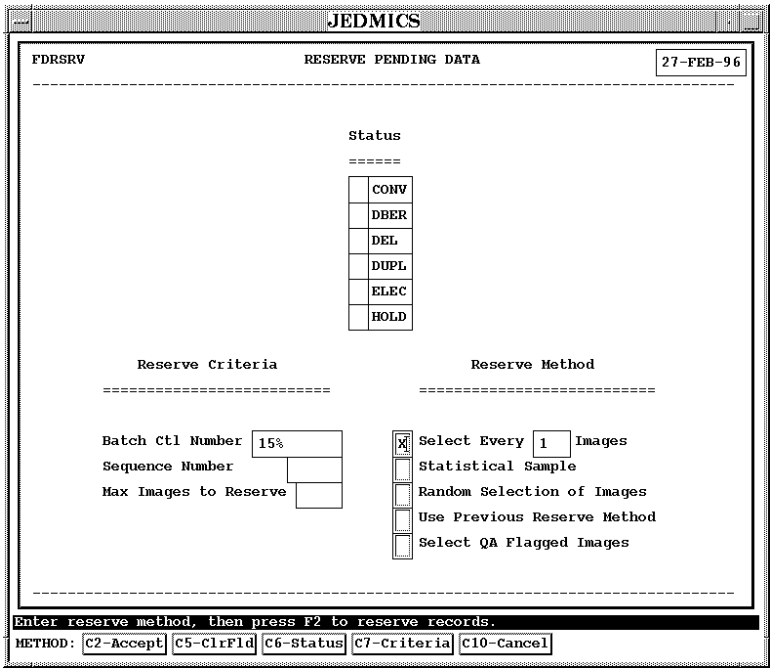


Figure 109.—Reserve Pending Data (METHOD) Screen

There are five reserve methods available to reserve pending data for editing. These are listed in the following table. Only one reserve method may be selected.

Reserve Methods	Notes
Select Every `n` Images	Uses the number you enter. Enter a 1 to reserve all images.
Statistical Sample	Identifies and reserves all images with no QA Flag indicator present.
Random Selection of Images	Selects images at random.
Use Previous Reserve Method	Uses the last method you selected.
Select QA Flagged Images	Identifies and reserves any images with a QA Flag indicator.

Regardless of the Reserve Method selected, the pending data to be reserved will meet the criteria of the status code or codes entered in the `Status` fields and the `Batch Ctl Number`, `Sequence Number`, and `Max Images to Reserve` fields.

g. Use an **X** to select one reserve method.

h. When you have finished specifying the reserve criteria, status, and method, select **C2-Accept**. This accesses the Pending Data Select List (SELECT) screen and displays the index records and images meeting the specified reserve criteria.

Any index record with Security, Foreign Secure, Nuclear Content, or Safety/ Submarine restrictions set can only be retrieved by a user with the appropriate permissions. If you do not have the appropriate permissions, any restricted index record is invisible to you as a user.

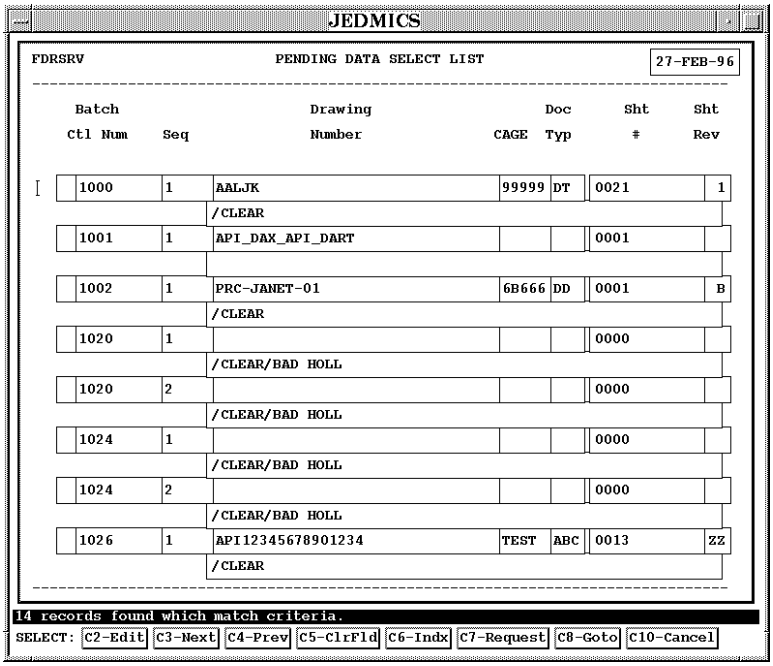


Figure 110.—Pending Data Select List (SELECT) Screen

Use the **C3-Next** and **C4-Prev** function keys to browse the list. Use the **C8-Goto** function key to go to a specific sequence or sheet number within this batch.

An asterisk (*) next to a record indicates that the index data or image for this record has been viewed.

See the appropriate paragraphs that follow for instructions on editing, plotting, and exporting pending images and index data; and on how to request pending images for viewing, printing, or plotting only.

Any user can retrieve the index data for a Limited Rights record, but only users with Limited Rights access permission can view or plot the associated image. If you attempt to view or plot an image for which you do not have access permission, the system informs you that the image has restricted rights, and will not display or plot it.

Editing Pending Data (Index and Image)

After reserving and retrieving a list of pending data, you can edit the index data and the image of any record listed.

Begin from the Pending Data Select List (SELECT) screen after reserving and retrieving the records you want to QA.

a. Use the TAB key to place the cursor on the record of the drawing to be edited. Use SHIFT+TAB to move back up the list.

b. Select **C2-Edit**. The Productivity Edge Image Editor launches and the Editor window, which contains the Editor menu bar, the View Toolbox, and the Edit Toolbox, opens at the top left of your screen. The drawing you selected is then retrieved and displayed in a new window that opens just below the Editor window, on top of the JEDMICS window.

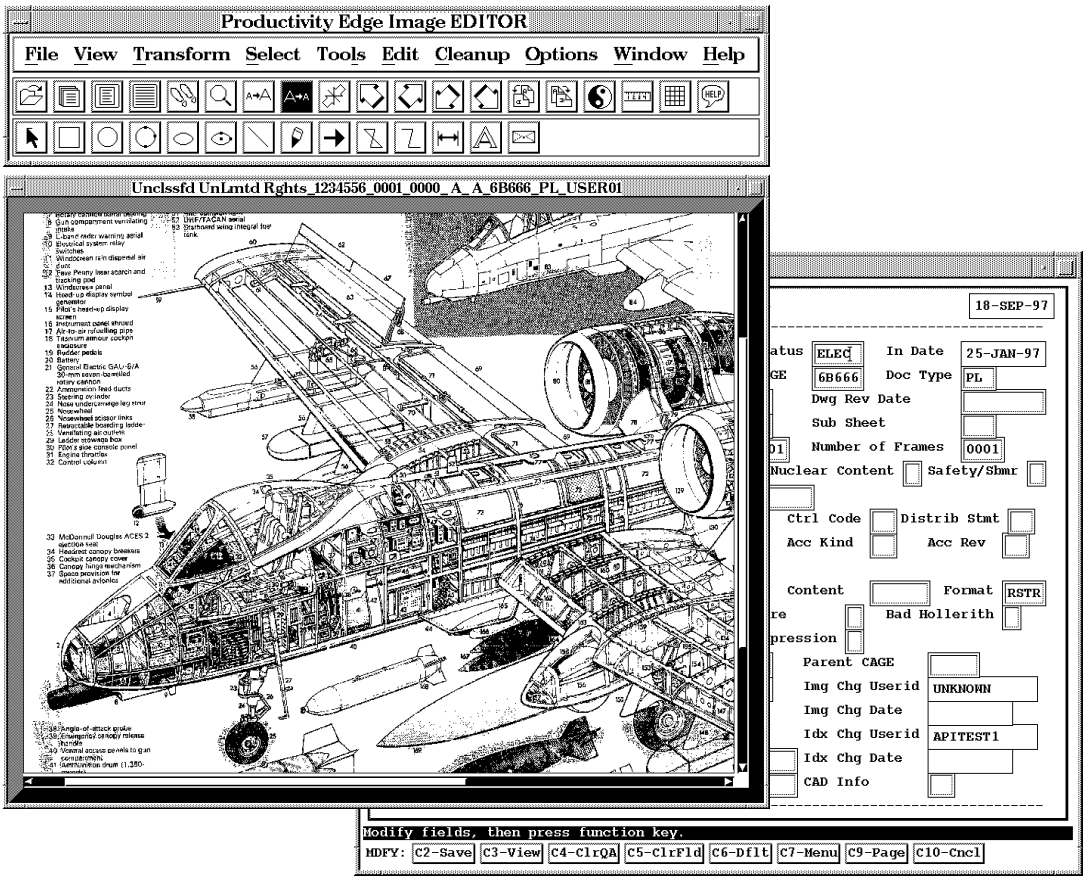


Figure 111.—Editing from the IMS Pending Data (MDFY) Screen

At the same time that the drawing is being displayed, the JEDMICS screen changes from Pending Data Select List (SELECT) to IMS Pending Data

(MDFY). To make that window active and bring it to the foreground, use your mouse to click its title bar.

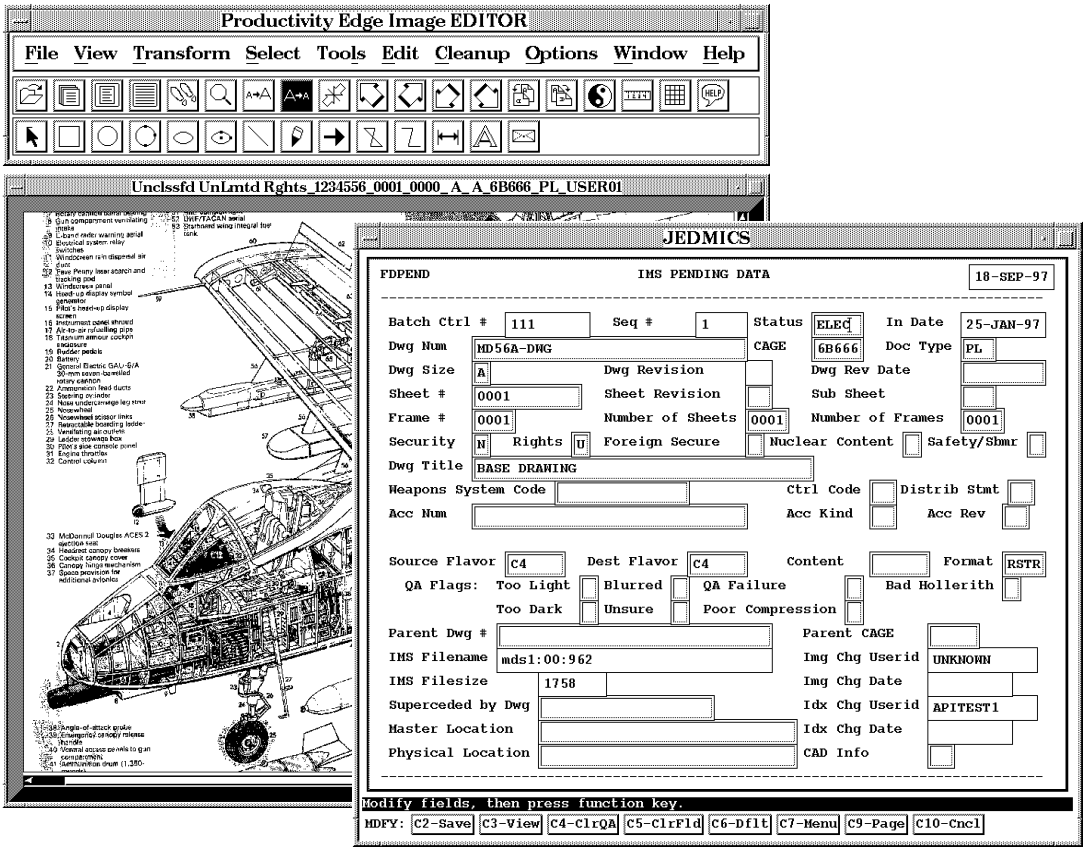


Figure 112.—IMS Pending Data (MDFY) Screen and Editor Window

A pending record is assumed to be an accompanying document when the `Acc Num` field is populated on the IMS Pending Data screen. When you modify existing index data for an accompanying document, the value of the `Sub Sheet` field must equal the base document drawing revision. If you change this field to another value, JEDMICS corrects the value when you select C2-Save, and displays this message: `Accompanying document sub_sheet must equal base document dwg_rev/sheet_rev`

The IMS Pending Data (MDFY) screen has two pages of index information. Use **C9-Page** to switch back and forth between the two pages.

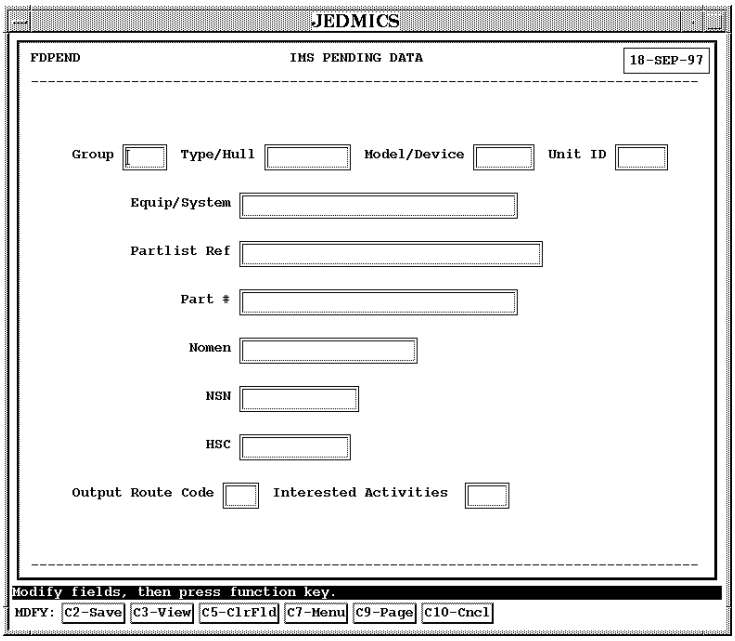


Figure 113.—IMS Pending Data (MDFY) Screen [Page 2]

c. Edit the index information as required and ensure that a CAGE code has been entered. Use the **C5-ClrFld** function key to clear the contents of a data field. Use the **C6-Dflt** function key (available on the second page) to display and set default values in some of the data fields.

Values in the `Sheet #`, `Number of Sheets`, `Frame #`, and `Number of Frames` fields are not zero-filled if the previous field content is not first deleted.

To delete the contents, TAB to the field and use the C5-ClrFld function key to delete the contents of the field. Or, if you are using the mouse to select the field, place the cursor at the end of the field just beyond the contents, and use the BACKSPACE key to delete the contents of the field.

Do not use the single quote character or apostrophe ('), the percent character (%), or the underscore character (_) when you are editing or adding index data. You can still use the percent (%) and underscore (_) characters, with at least one significant character, to search the JEDMICS database.

This index record, and any edits you have made to it, can be used as a template for index edits on other records in the same batch. This is accomplished with a copy and paste function as follows:

(1) Select **C7-Menu**. The screen changes to the RQST mode and a new set of function keys are available.

(2) Select **C6-Copy**. The image-independent index data is copied into a buffer.

(3) Select **C10-Cncl**. The Pending Data Select List (SELECT) screen redisplays.

(4) Place the cursor on the index record you want to copy index data to and select **C6-Indx**. The index record will be retrieved and displayed in the IMS Pending Data (MDFY) screen.

(5) Select **C7-Menu**. The screen changes to the RQST mode.

(6) Select **C8-Paste**. The index data is pasted in. The status bar displays a message indicating that index data was successfully copied.

Some notes about copy and paste: The paste buffer is flushed between batches, so it is not possible to copy/paste between batches. Image-specific data (for example, IMS_FILENAME, IMS_FILESIZE) is not copied into the paste buffer. You cannot select which data fields to copy. The record to be copied can be altered but not saved prior to copying to allow any arbitrary index data to be placed into the copy buffer.

d. The pending image can also be edited at this time using the Productivity Edge Image Editor application. Refer to the *Productivity Edge Editor User's Guide* for detailed instructions on using the Editor application.

If the pending image is a multiup aperture film, refer to *Separating Multiup Images* in this section for detailed procedures.

Once your index data and image have been verified, corrected, or accepted, it is a good practice to clear the QA flags associated with the record by selecting C4-ClrQA.

e. When you finish making edits, retain your changes by selecting **C2-Save**. If you deleted or did not enter data in the `Doc Type` or `Sheet Revision` fields, a sequence of messages display indicating which field is empty (NULL) and what action will consequently not be taken. Press the RETURN (or ENTER) key to acknowledge any messages. An acknowledge message displays. Press RETURN or ENTER to continue. The image closes and you return to the Pending Data Select List (SELECT) screen.

The Editor window remains available until you exit out of JEDMICS. If you prefer, you can minimize the Editor window by clicking on the minimize button in the upper right corner of the Editor window.

If you modified the index data, the status changes to NHOL (new Hollerith) unless you also modified the status, in which case the new value is retained. The `Img Chg Userid`, `Img Chg Date`, `Idx Chg Userid`, and `Idx Chg Date` fields are modified to reflect the date of any changes to the image or index data and the user ID of the person who made the changes.

Separating Multiup Images

A multiup image is an image where more than one sheet of a drawing is placed on the same aperture card film. Even though the separate sheets can be A or B size, the entire multiup can be scanned as a C, D, or E aperture size.

You use the PRC Productivity Edge Editor to separate multiup images. Before you begin this procedure, review Chapter 7, *Editing Raster Images,* in the *Productivity Edge Editor User's Guide*. Remember that you can use **Edit>Undo** or **Edit>Undo All** to reverse actions that you have performed within the Editor.

a. From the JEDMICS Main Menu screen, select **Pending Data Retrieval**.

   The system displays the Pending Data Retrieval Menu screen.

b. Select **Pending Data Integrity Control**.

   The system displays the Reserve Pending Data (CRITERIA) screen.

c. Enter reserve criteria in the fields at the lower left of the screen and press **C2-Accept**.

   The Batch Control Number field is required.

   The system displays the Pending Data Select List (SELECT) screen.

d. Select the image that you want to work with by placing an X in the far left selection column and press **C2-Edit**.

   The Productivity Edge Editor launches and an Editor window opens in the top left-hand side of your screen. The image you selected is retrieved and displayed below the Editor window. The image may partially cover the JEDMICS screen, which has changed to the IMS Pending Data (MDFY) screen.

e. From the Editor window, select **Edit>Cut to Clipboard** and draw a box around the first multiup image that you want to separate.

   It is best to begin with the second image in the upper right-hand side of the image area.

   As soon as you release the mouse button on the box, the IMS Pending Data (MDFY) screen displays a new set of function keys that includes C3-Multiup.

f. Click anywhere in the IMS Pending Data (MDFY) screen to make it active and press **C3-Multiup**.

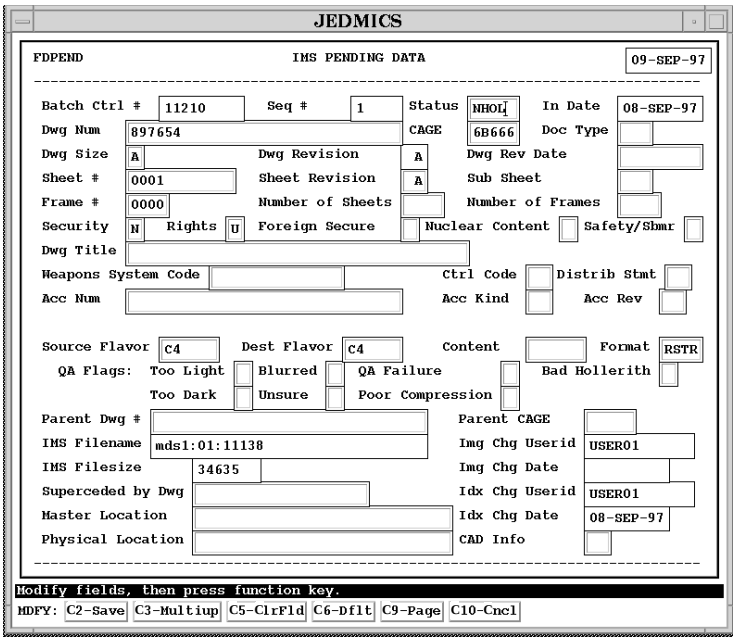


Figure 114.—IMS Pending Data (MDFY) Screen with Multiup

The clipboard displays the image you cut, and titles it `New image separated from multiup`.

g. The status bar displays the message `Modify fields for NEW image, then press function key`. Enter corrected index data (normally the sheet number, the number of sheets, and drawing size) for the image you separated from the multiup and press **C2-Save**.

   When you save the image you cut from the multiup, JEDMICS saves the image in Pending storage and the index data in the Pending index database.

h. Repeat steps e, f, and g to separate other images in the multiup. Stop when you have one image left.

There are different procedures for the last image in the multiup; complete steps i and j for that image.

i. From the Editor, select **Cleanup>Crop** and draw a box around the image that remains.

j. On the IMS Pending Data (MDFY) screen, modify the index data (if needed) and press **C2-Save**.

This image and its index data are saved in the same manner as the other images you cut from the multiup.

When you have completed these procedures, the index data for the separated images will not appear in the Pending Data Select List until you unreserve the batch and reserve it again. After performing the reserve functions, you can view/edit each image and index record in the normal manner.

Plotting a Pending Image

a. Begin from the IMS Pending Data (MDFY) screen displaying the selected pending index record.

b. Select **C7-Menu**. This accesses the plot and export functions through the IMS Pending Data (RQST) screen.

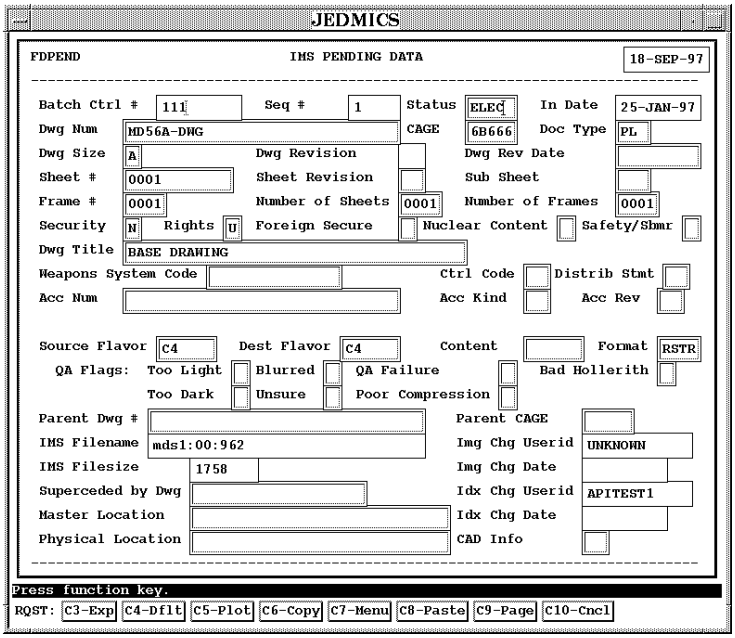


Figure 115.—IMS Pending Data (RQST) Screen

c. Select **C5-Plot**. This accesses the Plotter Selection Form screen.

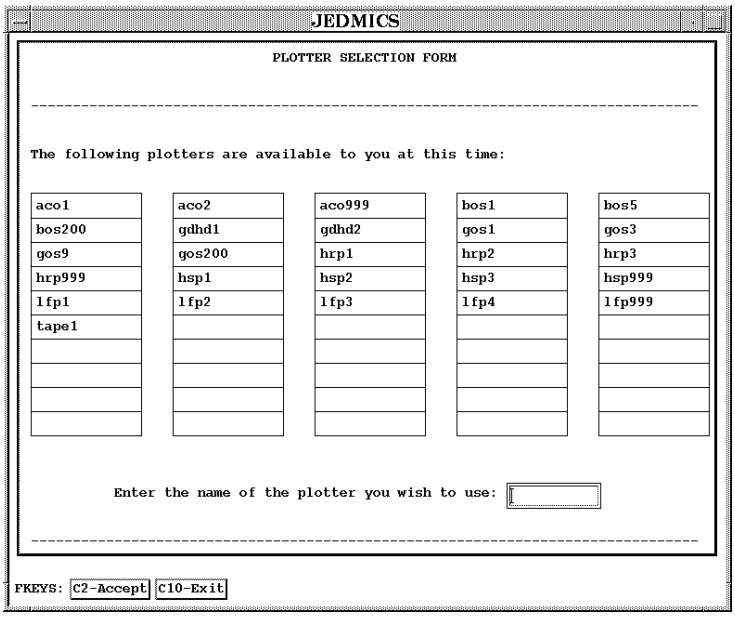


Figure 116.—Plotter Selection Form Screen

d. Enter the name of the plotter to use. The available plotters appear in the list.

e. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen for the selected plotter. Revise the parameters as necessary.

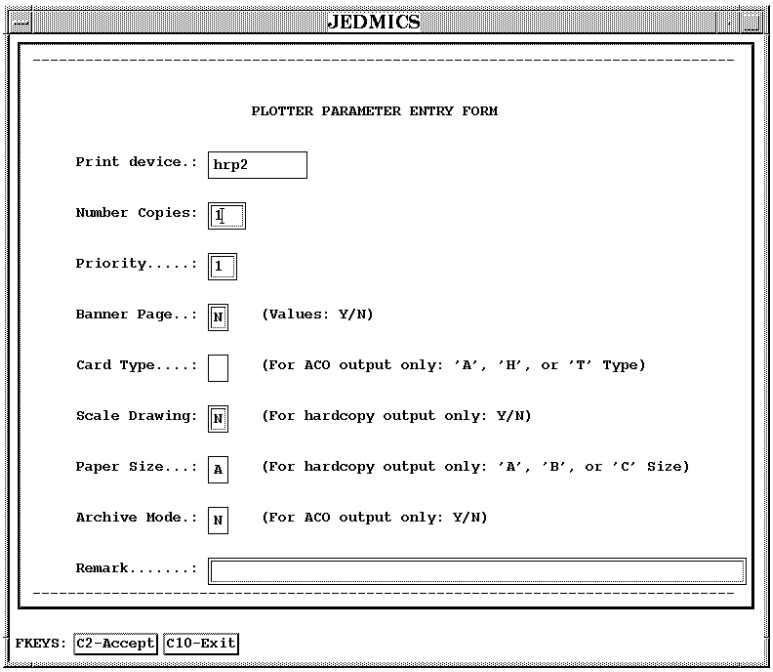


Figure 117.—Plotter Parameter Entry Form Screen

f. If your site adds site-specific data or codes to the open keypunch columns of the aperture cards you create, specify H or T type aperture card output, and the system automatically displays a third function key—C6-Edit Open Fields. Select **C6-Edit Open Fields** to display an `OPEN FIELDS FOR CARD TYPE {H OR T}` screen. H type cards have keypunch columns 36–38 as open fields. T type cards have keypunch columns 36–46 and 78–80 as open fields. These are optional fields and you can enter any alphanumeric value. To accept the data entered in the open fields, select **C2-Accept**.

The system saves any parameters or remarks you enter and uses them as the new default parameters. These new defaults reset to the system defaults when you log off.

g. Select **C2-Accept** to accept the displayed parameters and begin printing. JEDMICS reports the job queue number for your print request.

h. Select **C10-Exit** twice to return to the IMS Pending Data (RQST) screen.

Exporting a Pending Image

You can export any image stored in pending to a JEDMICS workstation disk drive. Those images can be exported as JEDMICS file format (C4) images or they can be converted into PCX files for use by other non-JEDMICS applications, such as Calera WordScan Plus (ASCII Conversion).

Complete these steps to export an image to a workstation disk drive.

a. Begin from the IMS Pending Data (RQST) screen displaying the selected image index record.

b. Select **C3-Exp**. This accesses the Workstation Import/Export screen.

c. Enter the full path and file name for the destination file to which the image is to be exported, for example, **{a:\tmp\image.c4}**.

Check with your system administrator to identify if any export file naming conventions are to be followed.

d. Select **C2-IMPEXP**. If you entered a local file name that already exists, the system prompts you to acknowledge that before you continue. Press any key to acknowledge; then, select **C2-Cont** to continue.

The system displays a dialog box that asks if you want to convert the image to ASCII with Calera software.

If you do NOT want to convert this image to a PCX format, but want to export it as a JEDMICS C4 format image, select **Cancel**. The system exports the image to the designated file and displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

OR

If you DO want to convert the file to PCX file format, select **Yes**. The system converts the file to PCX format and exports it. The system displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

Editing Pending Data (Index Only)

If you are editing index data and have no requirement to view or edit images, it is more efficient to retrieve only the index data.

Begin from the Pending Data Select List (SELECT) screen after reserving and retrieving the records you want to QA.

a. Use the TAB key to move down the list (SHIFT+TAB to move up) to place the cursor on the record of the index data to be edited.

b. Select **C6-Indx**. The IMS Pending Data (MDFY) screen displays.

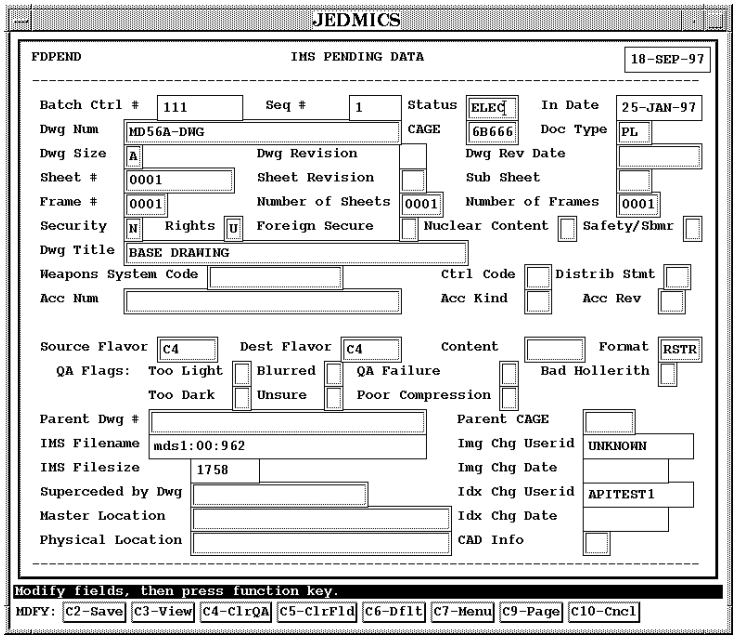


Figure 118.—IMS Pending Data (MDFY) Screen

c. Edit the index data as required and ensure that a CAGE code has been entered.

A pending record is assumed to be an accompanying document when the `Acc Num` field is populated on the IMS Pending Data screen. When you modify existing index data for an accompanying document, the value of the `Sub Sheet` field must equal the base document drawing revision. If you change this field to another value, JEDMICS corrects the value when you select C2-Save, and displays this message: `Accompanying document sub_sheet must equal base document dwg_rev/sheet_rev`

Do not use the single quote character or apostrophe ('), the percent character (%), or the underscore character (_) when you are editing or adding index data. You can still use the percent (%) and underscore (_) characters, with at least one significant character, to search the JEDMICS database.

This index record can be used as a template for index edits on other records in the same batch. This is accomplished with a copy and paste function as follows:

(1) Select **C7-Menu**. The screen changes to the RQST mode and a new set of function keys are available.

(2) Select **C6-Copy**. The image-independent index data is copied into a buffer.

(3) Select **C10-Cncl**. The Pending Data Select List (SELECT) screen redisplays.

(4) Place the cursor on the index record you want to copy index data to and select **C6-Indx**. The index record will be retrieved and displayed in the IMS Pending Data (MDFY) screen.

(5) Select **C7-Menu**. The screen changes to the RQST mode.

(6) Select **C8-Paste**. The index data is pasted in. The status bar displays a message indicating that index data was successfully copied.

Some notes about copy and paste: The paste buffer is automatically cleared when you move from one batch to another, so it's not possible to copy/paste between batches. Image-specific data (for example, IMS_FILENAME, IMS_FILESIZE) is not copied into the paste buffer. You cannot specify which data fields to copy. The record to be copied can be altered and not saved prior to copying to allow any arbitrary index data to be placed into the copy buffer.

d. Once your index data has been verified, corrected, or accepted, it is a good practice to clear the QA flags associated with the record by selecting **C4-ClrQA**.

e. When you finish making edits, retain your changes by selecting **C2-Save**. If you deleted or did not enter data in the `Doc Type` or `Sheet Revision` fields, a sequence of messages indicate which field is empty (NULL) and what actions will not be taken. Acknowledge each message and either enter the data for that field or proceed with the insertion.

If you modified the index data, the status changes to NHOL (new Hollerith) unless you also modified the status, in which case the new value is retained. The `Idx Chg Userid` and `Idx Chg Date` fields are modified to reflect the date of any changes to sheet or subsheet specific index data and the user ID of the person who made the changes. `Dwg Chg Userid` and `Dwg Chg Date` are updated to reflect any changes to drawing level index data.

Requesting a Pending Image

If you are not editing an image, but want merely to view, print, or plot it, the Pending Data Select List (SELECT) screen allows you to uniquely identify a particular pending image for viewing, for printing if it is an ASCII text file, or for plotting if it is a raster image file.

Begin from the Pending Data Select List (SELECT) screen after reserving and retrieving the pending images you are interested in.

a. Use the TAB key to move down the list (SHIFT+TAB to move up) to place the cursor next to the desired record.

b. Select **C7-Request**. This accesses the Pending Data Request Screen (REQUEST) displaying index data for the image you are requesting.

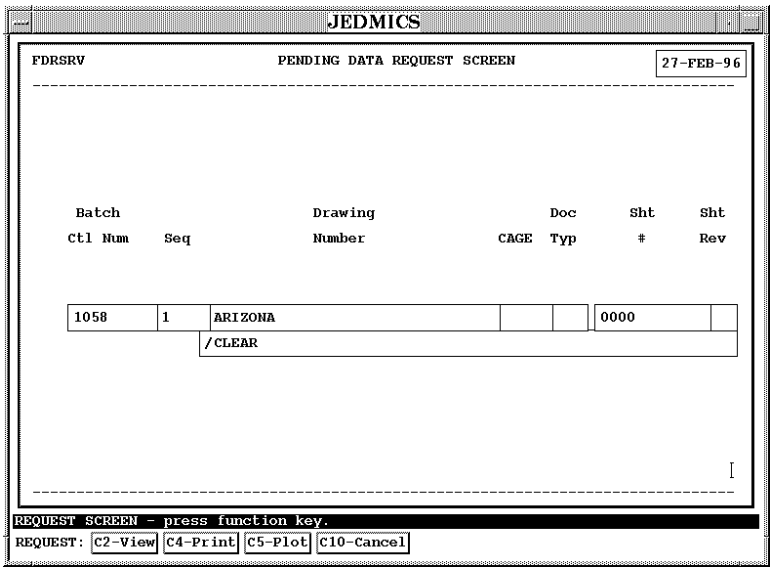


Figure 119.—Pending Data Request Screen (REQUEST)

c. Use the appropriate function key to proceed to the function you want to accomplish. Select either **C4-Print** or **C5-Plot** depending on the file type.

- C2-View — Launches the Productivity Edge Image Editor application and allows you to view the image.
- C4-Print — Prints the ASCII text file.
- C5-Plot — Accesses the plotter selection and plot parameters screens and queues the raster image for output.

d. Select **C10-Cancel** to return to the Pending Data Select List (SELECT) screen.

4.2 Listing Pending Data by Batch Control Number

Pending data is input into JEDMICS in batches. The system assigns each batch a unique batch control number (BCN). After the data in the batch has been migrated to permanent storage, drawings are retrieved by drawing number; however, while data is still in pending, it is retrieved by BCN.

The **List Pending Data by Batch Ctl Number** option lets you generate a Batch Listing Report that includes information about those batches whose BCNs you specify. This section describes how to generate and use a Batch Listing Report.

Generating a Batch Listing Report

a. From the Pending Data Retrieval menu, select **List Pending Data by Batch Ctl Number**. This accesses the MRS Report Schedule Entry Screen (GENERATE). The system entered BATCH LISTING RPT in the `Report Name` field.

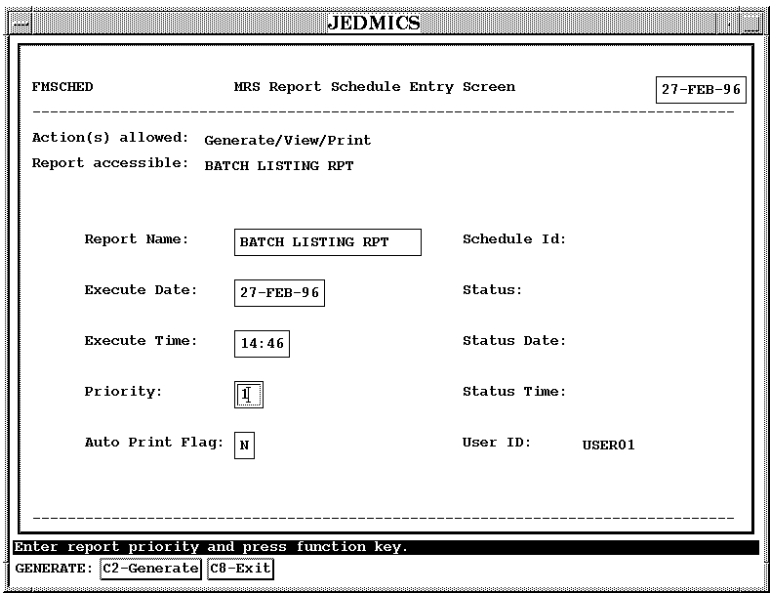


Figure 120.—MRS Report Schedule Entry Screen (GENERATE)

b. Enter the desired priority for the report. Priority 1 is low, 5 is medium, and 10 is high.

c. Select **C2-Generate**. This accesses the MRS Report Macro Response Screen (MACRO_RESPONSE).

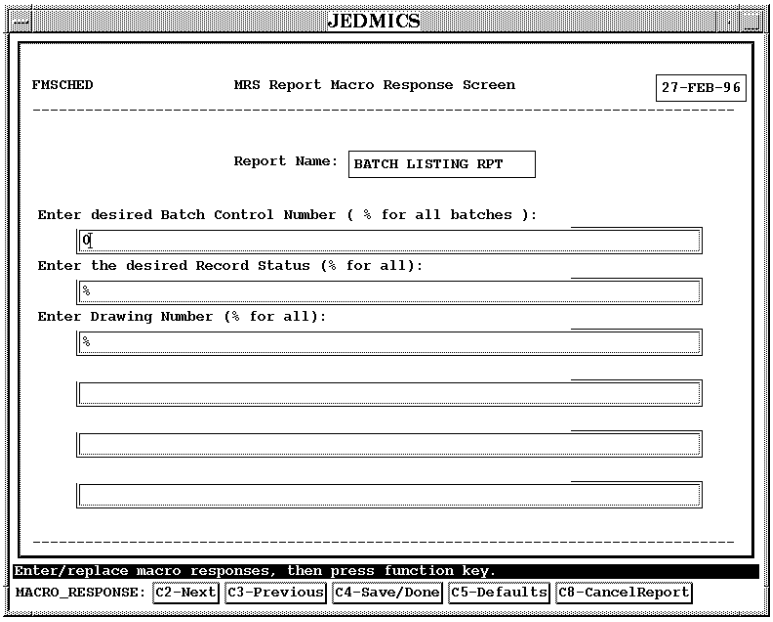


Figure 121.—MRS Report Macro Response Screen (MACRO_RESPONSE)

d. Specify which Batch Control Number(s), Record Status, and Drawing Number(s) you want the Batch Listing report to include.

All text entries must be entered in uppercase.

e. Select **C4-Save/Done**. This accepts your settings and accesses the MRS Column Ordering Entry Screen (SORT_SEQUENCE), which lets you determine the sort sequence—the order in which data columns will be sorted when the report is displayed or printed.

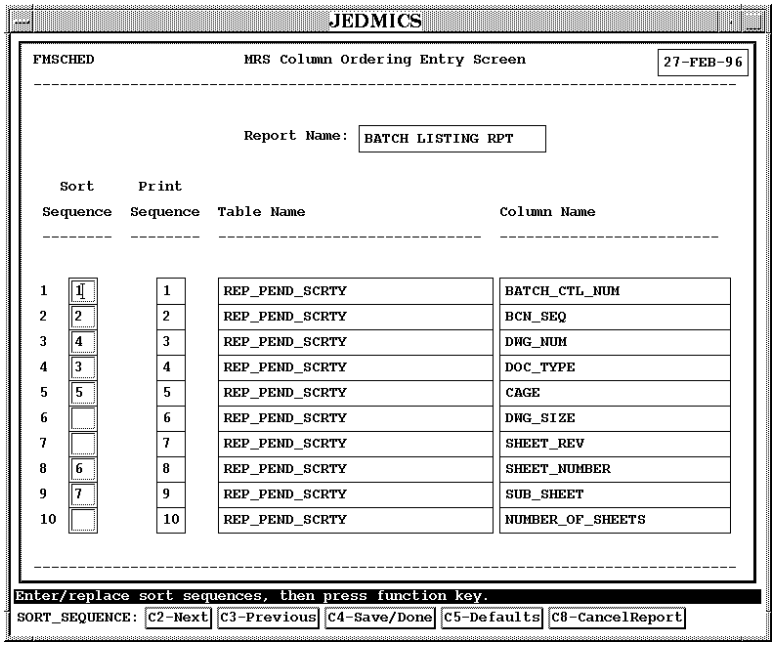


Figure 122.—MRS Column Ordering Entry Screen (SORT_SEQUENCE)

f. Enter or edit the sort sequence for the columns in the Batch Listing Report. Use the **C2-Next** and **C3-Previous** function keys to scroll the list of column names.

g. Select **C4-Save/Done**. This schedules the report and displays the schedule ID number in an acknowledge message window. Press RETURN to continue. The system displays the MRS Report Schedule Entry Screen, which is now in the GENERATING mode, and displays schedule and status information for the Batch Listing Report.

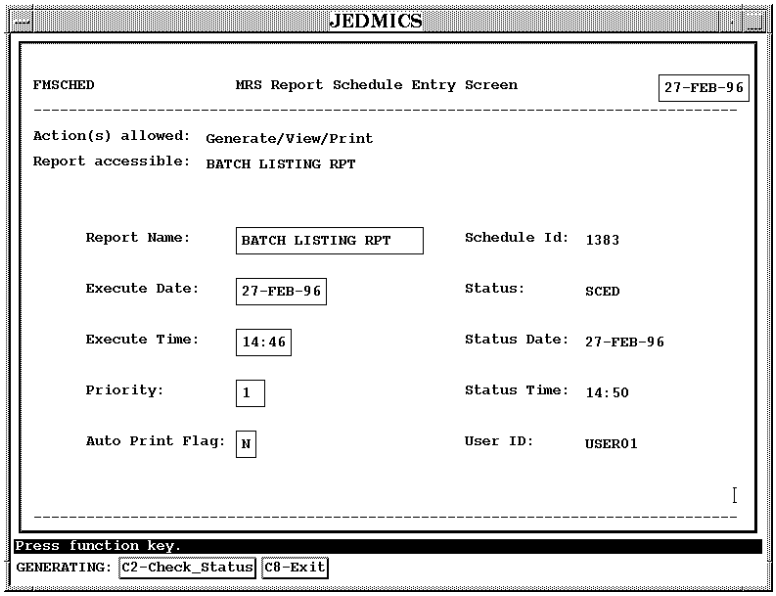


Figure 123.—MRS Report Schedule Entry Screen (GENERATING)

h. To check the status of the report select **C2-Check_Status**. If the report is processing, the current status displays on the status line. If the report is complete, the screen mode changes to GENERATE_COMPLETE and the status shown changes to `COMP`.

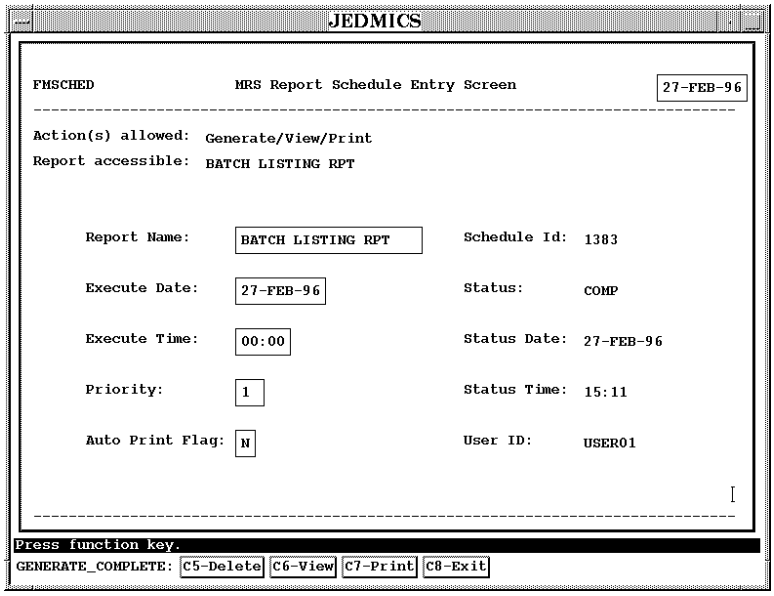


Figure 124.—MRS Report Schedule Entry Screen (GENERATE_COMPLETE)

After the batch listing report is generated, you can delete, view, or print the batch listing report. Refer to the appropriate paragraphs that follow for instructions on how to execute these options.

Deleting the Batch Listing Report

From the MRS Report Schedule Entry Screen (GENERATE_COMPLETE):

a. Select **C5-Delete**. This changes the MRS Report Schedule Entry Screen to the DELETE mode, and displays a delete confirmation message on the status line.

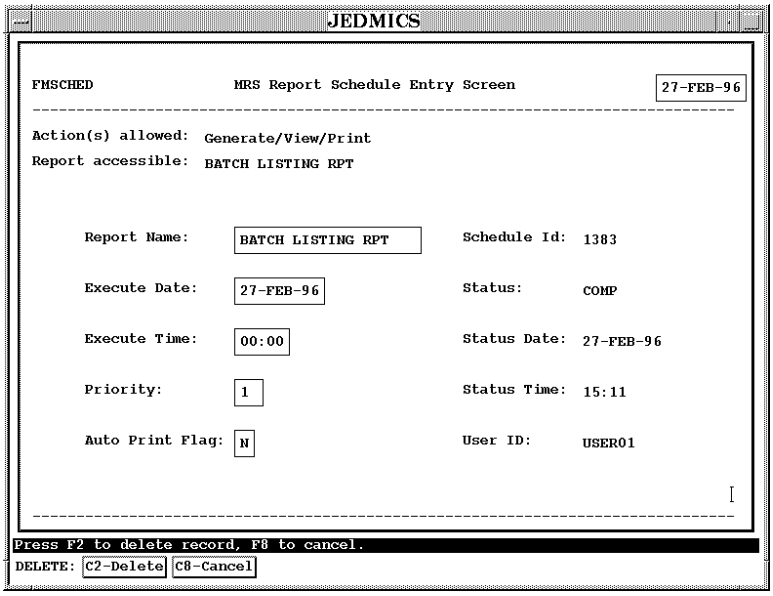


Figure 125.—MRS Report Schedule Entry Screen (DELETE)

b. Select **C2-Delete** to confirm the deletion. A deleted acknowledge message displays. Press any key to continue. You return to the Pending Data Retrieval Menu.

Viewing the Batch Listing Report

From the MRS Report Schedule Entry Screen (GENERATE_COMPLETE):

a. Select **C6-View**. This accesses the MRS Report Browse Display Screen (BROWSE). A sample batch control listing report follows.

```
JEDMICS
FMBROWS                MRS Report Browse Display Screen                27-FEB-96
-------------------------------------------------------------------------------
Report Name: BATCH LISTING RPT          Line 1      of 44      Col 1

-------------------------------------------------------------------------------
 27-FEB-96                                        BATCH LISTING REPORT
 15:10:58                                                for
                                                  Batch Number: '0'

                                                                      Num
      BCN       Drawing                    Doc       Dwg Sh Sht  Sub of   Frm
 BCN  Seq       Number                     Typ CAGE  Sz  Rv Num  Sht Shts Num
===== ===== ============================== === ===== === == ==== === ==== ====
0     1     E10-08882                      DD                0001      0006 0088
      2     ZPDD129 ABC                    DT  99999 A     1 0001 001 0001 0001
      3     922418                                   A      0001      0005 0001
      4     SFT25-16A                      PL  6B666       C 0780           0001
      5     PRC-JANET-01                   DD  6B666 D     A 0001 001 0001 0001

-------------------------------------------------------------------------------

BROWSE: C2-Down C3-Up C4-Right C5-Left C6-Goto C7-Find C8-Exit
```

Figure 126.—MRS Report Browse Display Screen (BROWSE)

b. Use the function keys to move around the report.

c. Select **C8-Exit** to return to the MRS Report Schedule Entry Screen (GENERATE_COMPLETE).

Printing the Batch Listing Report

Printing a batch control listing report involves several steps. You must select a printer and set parameters for the printout.

From the MRS Report Schedule Entry Screen (GENERATE_COMPLETE):

a. Select **C7-Print**. This accesses the Printer Selection Form screen.

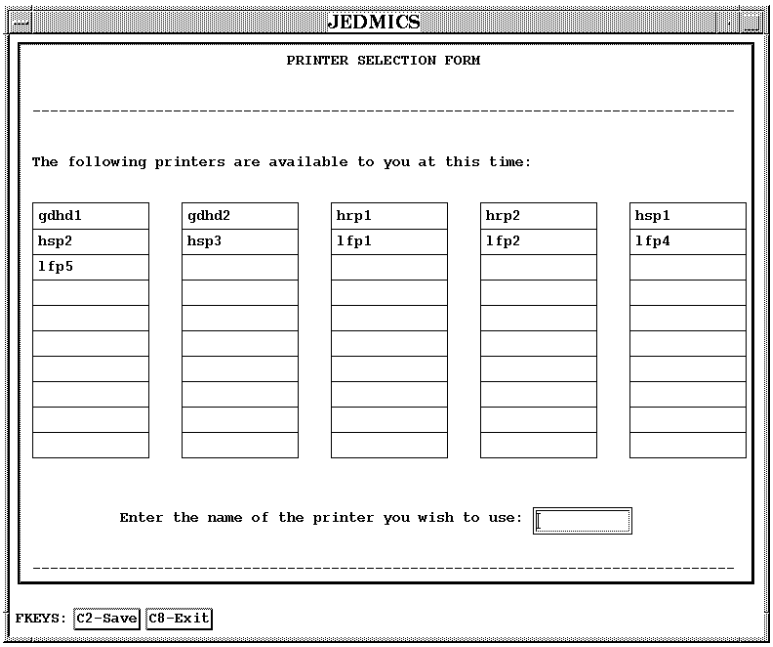


Figure 127.—Printer Selection Form Screen

b. Accept the default printer or enter the name of the available printer you want to use.

c. Select **C2-Save**. This accesses the Printer Parameter Entry Form screen.

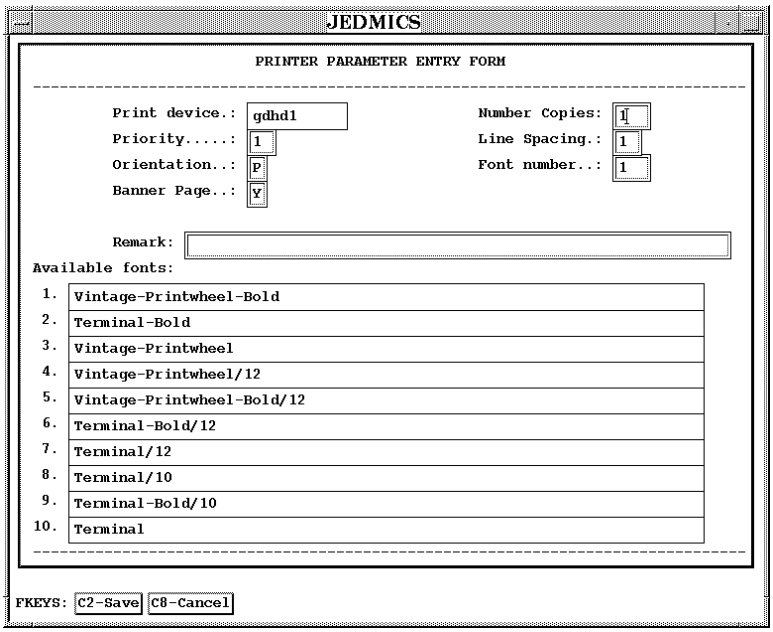


Figure 128.—Printer Parameter Entry Form Screen

d. Modify the default print parameters as required.

e. Select **C2-Save**. This queues your print job and reports the job ID number on the status line.

f. Select **C8-Cancel** and **C8-Exit** to return to the MRS Report Schedule Entry Screen (GENERATE_COMPLETE).

4.3 Viewing and Printing Batch Listing Reports

Any Batch Listing Report that has been generated can be displayed on the screen or output to hardcopy by selecting **View/Print Batch Control Listing**. These options can also be accomplished as part of the List Pending Data by Batch Ctl Number process previously described.

a. From the Pending Data Retrieval menu, select **View/Print Batch Control Listing**.

   This accesses the MRS Report Schedule Display Screen (QUERY).

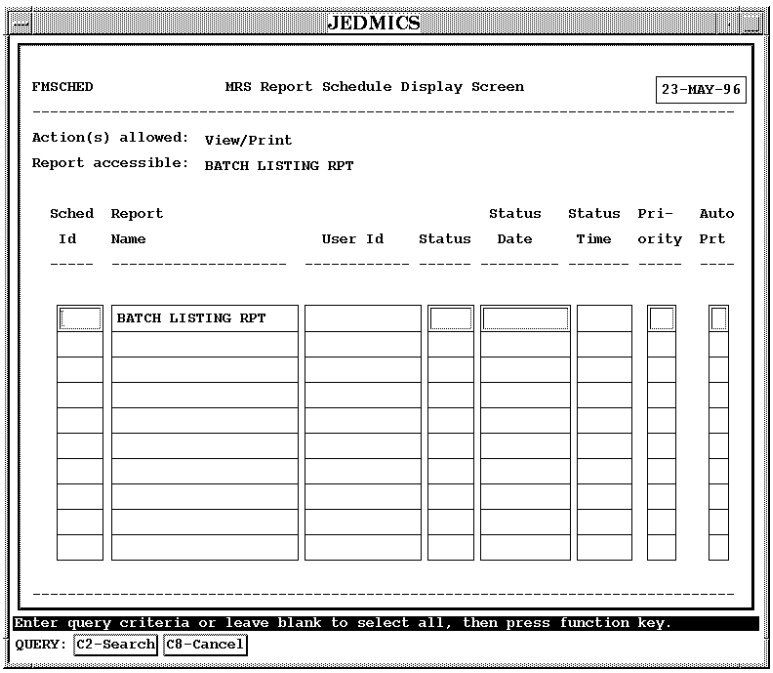
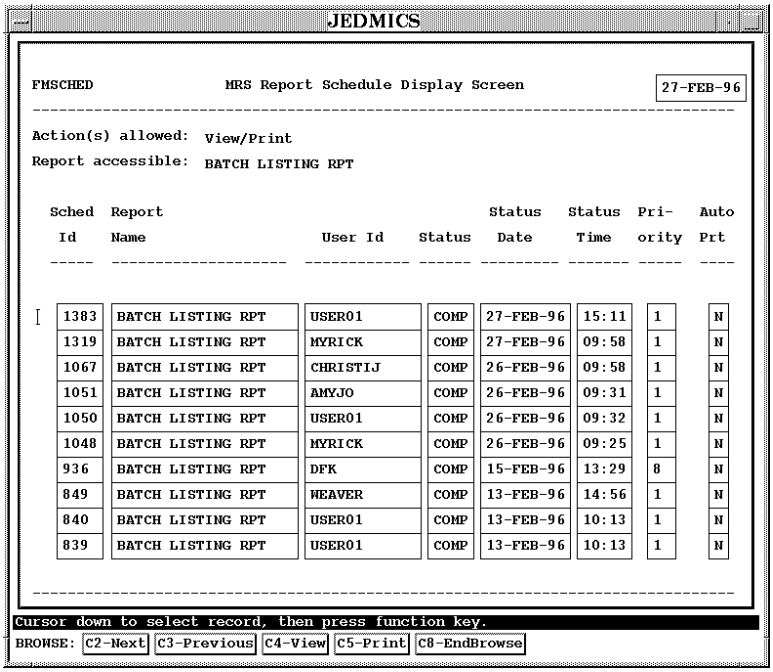


Figure 129.—MRS Report Schedule Display Screen (QUERY)

b. To view and print a batch control listing report, you must first choose the batch control listing report you want. You may search for all or selected batch control listing reports. Enter a specific schedule ID in the `Sched Id` field, or leave the field blank to retrieve all batch listing reports.

c. Select **C2-Search**. This changes the MRS Report Schedule Display Screen to the BROWSE mode, displaying the selected batch listing reports.



Sched Id	Report Name	User Id	Status	Status Date	Status Time	Pri-ority	Auto Prt
1383	BATCH LISTING RPT	USER01	COMP	27-FEB-96	15:11	1	N
1319	BATCH LISTING RPT	MYRICK	COMP	27-FEB-96	09:58	1	N
1067	BATCH LISTING RPT	CHRISTIJ	COMP	26-FEB-96	09:58	1	N
1051	BATCH LISTING RPT	AMYJO	COMP	26-FEB-96	09:31	1	N
1050	BATCH LISTING RPT	USER01	COMP	26-FEB-96	09:32	1	N
1048	BATCH LISTING RPT	MYRICK	COMP	26-FEB-96	09:25	1	N
936	BATCH LISTING RPT	DFK	COMP	15-FEB-96	13:29	8	N
849	BATCH LISTING RPT	WEAVER	COMP	13-FEB-96	14:56	1	N
840	BATCH LISTING RPT	USER01	COMP	13-FEB-96	10:13	1	N
839	BATCH LISTING RPT	USER01	COMP	13-FEB-96	10:13	1	N

Figure 130.—MRS Report Schedule Display Screen (BROWSE)

d. Use the **C2-Next** and **C3-Previous** function keys to browse the listed reports to find the report you are interested in viewing or printing. Refer to the appropriate paragraphs that follow for instructions on viewing or printing a Batch Listing Report.

Viewing a Selected Batch Listing Report

From the MRS Report Schedule Display Screen (BROWSE):

a. Use the TAB key or ARROW keys to place the cursor on the desired Batch Listing Report.

b. Select **C4-View**. This accesses the MRS Report Browse Display Screen (BROWSE). A sample Batch Listing Report follows:

```
JEDMICS
FMBROWS                MRS Report Browse Display Screen                27-FEB-96
--------------------------------------------------------------------------------
Report Name: BATCH LISTING RPT          Line 1      of 44      Col 1

--------------------------------------------------------------------------------
 27-FEB-96                                        BATCH LISTING REPORT
 15:10:58                                                for
                                                  Batch Number: '0'

                                                                      Num
      BCN       Drawing                    Doc       Dwg Sh Sht  Sub of   Frm
 BCN  Seq       Number                     Typ CAGE  Sz  Rv Num  Sht Shts Num
===== ===== ============================== === ===== === == ==== === ==== ====
0     1     E10-08882                      DD                0001      0006 0088
      2     ZPDD129 ABC                    DT  99999 A    1 0001 001 0001 0001
      3     922418                                   A      0001      0005 0001
      4     SFT25-16A                      PL  6B666      C 0780           0001
      5     PRC-JANET-01                   DD  6B666 D    A 0001 001 0001 0001

--------------------------------------------------------------------------------
BROWSE: C2-Down C3-Up C4-Right C5-Left C6-Goto C7-Find C8-Exit
```

Figure 131.—MRS Report Browse Display Screen (BROWSE)

c. Use the function keys to move around the report.

d. Select **C8-Exit** to return to the MRS Report Schedule Display Screen (BROWSE).

Printing a Selected Batch Listing Report

From the MRS Report Schedule Display Screen (BROWSE):

a. Use the TAB key or ARROW keys to place the cursor on the desired Batch Listing Report.

b. Select **C5-Print**. This accesses the Printer Selection Form screen.

c. Accept the default printer or enter the name of the available printer you want to use.

d. Select **C2-Save**. This accesses the Printer Parameter Entry Form screen.

e. Modify the default print parameters as required.

Orientation and font number values are retrieved from the MRS report defaults, not the values used in the last print job.

f. Select **C2-Save**. This queues your print job and reports the job ID number on the status line.

g. Select **C8-Cancel** and **C8-Exit** to return to the MRS Report Schedule Display Screen (BROWSE).

4.4 Marking Batches for Release

Once the quality assurance process has been performed on all of the records in a batch, the records must be marked for release—that is, have their status changed to RREL (Ready for Release)—to indicate that they are ready for migration to permanent storage in JEDMICS. Before it actually changes the status, the system performs a duplicate check on each record and assigns each record to an optical platter for permanent storage. If the duplicate check and platter assignment are successful, the record's status is changed to RREL. (This process is described in greater detail in the *System Administrator's Guide for the SGI Challenge/IRIX Host*.)

A record must have one of the following status codes before it can be marked for release: NSCN, QACP, ELEC, CONV, OVWR, or NHOL. When the system performs duplicate checks and platter assignments on a batch, it does so only on those records that have one of these status codes.

To mark a batch for release:

a. From the Pending Data Retrieval Menu, select one of the two **Mark Batch for Release** options to access the Batch Release Update screen. These options determine which records in a batch the system checks during the process described in step e.

- **Mark Batch for Release/Clear QA Flags** means that the system checks all records that have no QA flag fields set (including those that have had flags set and then cleared).
- **Mark Batch for Release/Any QA Flags** means that the system checks all records, whether or not they have QA flags set.

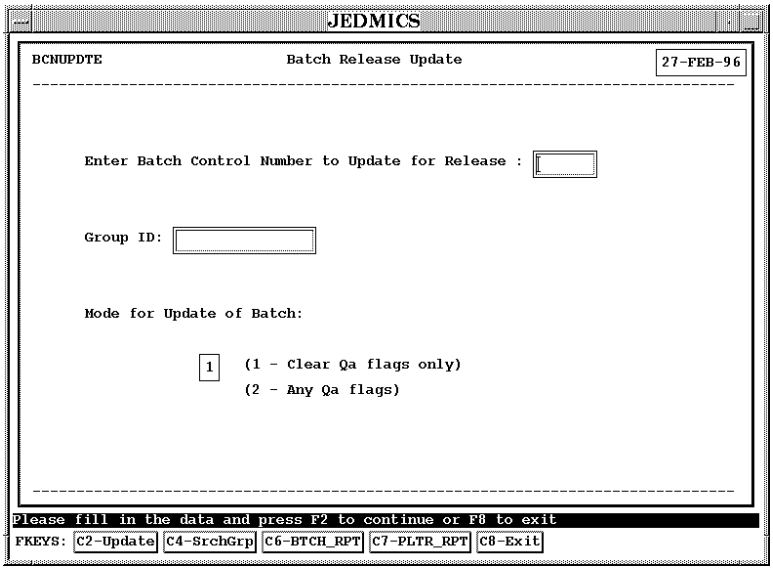


Figure 132.—Batch Release Update Screen

The `Mode for Update of Batch` field displays the number that corresponds to the Mark Batch for Release option that you selected: 1 for Clear QA Flags; 2 for Any QA Flags.

b. Enter the exact batch control number (BCN) of the batch that you are marking for release. You cannot search for the BCN from this field, so the number must be specific.

c. If you like, specify a platter group by entering its identifier into the `Group ID` field.

- If you do not specify a platter group, during step f the system assigns each record in the batch to the available optical platter whose CAGE code and Weapon System Code most closely match the record's codes.
- If you do specify a platter group, the only records in the batch that are marked for release during step f are those whose CAGE code and/or Weapon System Code combinations match those of the platter group you specified.

If you do not know the identifier of the platter group, select C4-SrchGrp to display the Batch Group Display Screen (SEE_GROUPS), which shows the available platter groups. Move the cursor to the row that shows the platter group you want to specify, then select C4-Accept to return that group's ID number to the Batch Release Update screen.

d. Select **C2-Update**.

If the batch you are updating is empty (as it might be if the records in it have already been migrated to permanent storage), the status line displays the message `No records to process for specified BCN`.

e. The system first checks the records in the batch against the records in the IMS_PENDING and DWG_RESEARCH/IMAGE_INDEXES tables. If any record is a duplicate, it is given the status DUPL, which prevents it from being migrated to permanent storage.

Which records get checked depends on the Mark Batch for Release option that you selected in step a.

f. The system then attempts to assign each record that passed the duplicate check to an optical platter. This is the destination platter, where the record will be migrated for permanent storage.

- If you did not specify a platter group in step c, the system assigns the record to the available platter whose CAGE code and Weapon System Code most closely match the record's codes. (See the *System Administrator's Guide for the SGI Challenge/IRIX Host* for more detailed information about the matching process.) The system then changes the record's status code to RREL.
- If you did specify a platter group in step c, the system compares the CAGE code and Weapon System Code of each record to those of the specified platter group. If a record's codes match the codes of the platter group and there is an available platter in that group, the record's status gets changed to RREL and the record gets assigned to that platter. If the codes do not match, or if they match but there is not an available platter in the group, the record's status does not get changed to RREL.

g. To check the status of each record in the batch, select **C6-BTCH_RPT** to generate a Batch Release Report. To see the destination platter to which each record has been assigned, select **C7-PLTR_RPT** to generate a Platter Report. Both functions access the MRS Report Schedule Entry Screen. To generate the report you selected, follow the instructions in the section on *Generating MRS Reports for Repository Data Sets*.

h. From the Batch Release Update screen, select **C8-Exit** to return to the Pending Data Retrieval menu.

4.5 Inserting and Querying Pending Data

The Insert/Query Pending Data option is used to insert new index records into JEDMICS or query existing index records for images stored in pending data storage. Use this function to insert an index record for an image that will be stored external to JEDMICS.

From the Pending Data Retrieval Menu, select **Insert/Query Pending Data**.

This accesses a blank IMS Pending Data (INS) screen.

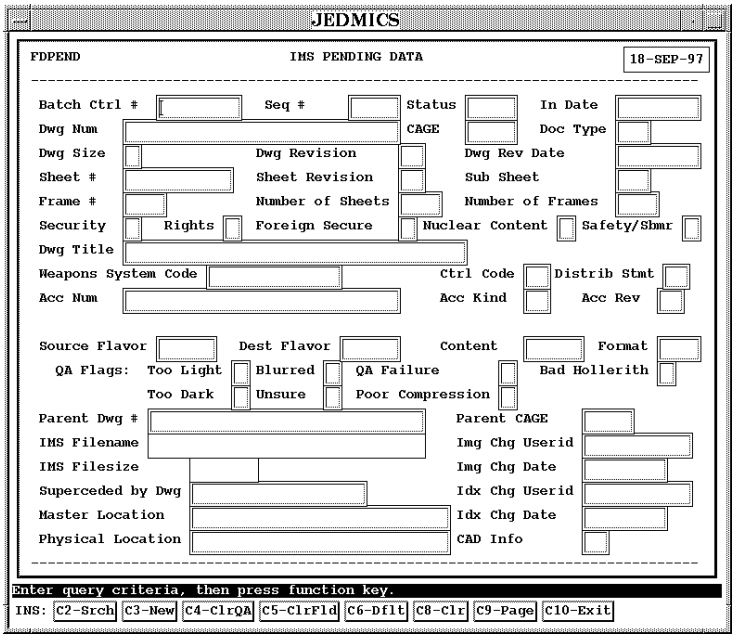


Figure 133.—IMS Pending Data (INS) Screen [Blank]

From this screen you can search for an existing pending data record that can then be viewed, plotted, or exported; or you can insert a new pending data record.

Any index record with Security, Foreign Secure, Nuclear Content, or Safety/Submarine restrictions set can only be retrieved by a user with the appropriate permissions. If you do not have the appropriate permissions, any restricted index record is invisible to you as a user.

Any user can retrieve the index data for a Limited Rights record, but only users with Limited Rights access permission can view or plot the associated image. If you attempt to view or plot an image for which you do not have access permission, the system informs you that the image has restricted rights, and will not display or plot it.

Refer to the appropriate paragraphs that follow for instructions on executing these functions.

Searching for an Existing Pending Data Record

From the blank IMS Pending Data (INS) screen:

a. Enter the Batch Control Number and any other desired search parameters in the appropriate fields.

b. Select **C2-Srch**. This returns the IMS Pending Data (INS) screen displaying the pending data record(s) meeting the search parameters. If the query results in no records being found, a `No Records Found` message displays on the status line and the query criteria remain on the screen to be modified or revised for a subsequent query.

You can use C4-ClrQA, C5-ClrFld, and C6-Dflt to revise the query criteria on the screen.

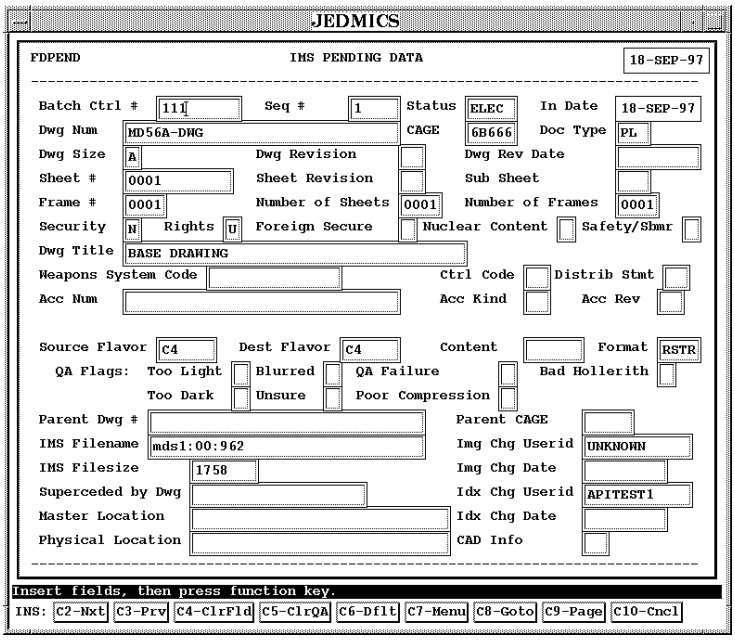


Figure 134.—IMS Pending Data (INS) Screen [Populated]

c. To browse the pending records you retrieved, use the **C2-Nxt** and **C3-Prv** function keys.

To go directly to a specific sequence number, select **C8-Goto**. The IMS Pending Data screen switches to the GOTO mode, in which all the fields on the screen are empty and the cursor is placed in the `Seq #` field. Type in the sequence number of the record you want to look at, then press **C2-Search**. The screen mode reverts to INS and the record you specified displays.

To display additional fields of information for the pending record you are looking at, select **C9-Page**.

Use the **C7-Menu** key to access the viewing, plotting, and export functions, as described in the following paragraphs.

Although the C4-ClrFld, C5-ClrQA, and C6-Dflt function keys remain on the IMS Pending Data (INS) screen after pending records have been retrieved, they serve no useful function once the screen has been populated, and should not be used.

Viewing a Pending Image

a. Begin from the IMS Pending Data (INS) screen displaying the desired pending data record.

b. Select **C7-Menu**. This accesses the view/edit, plot, and export functions on the IMS Pending Data (RQST) screen for the selected pending data record.

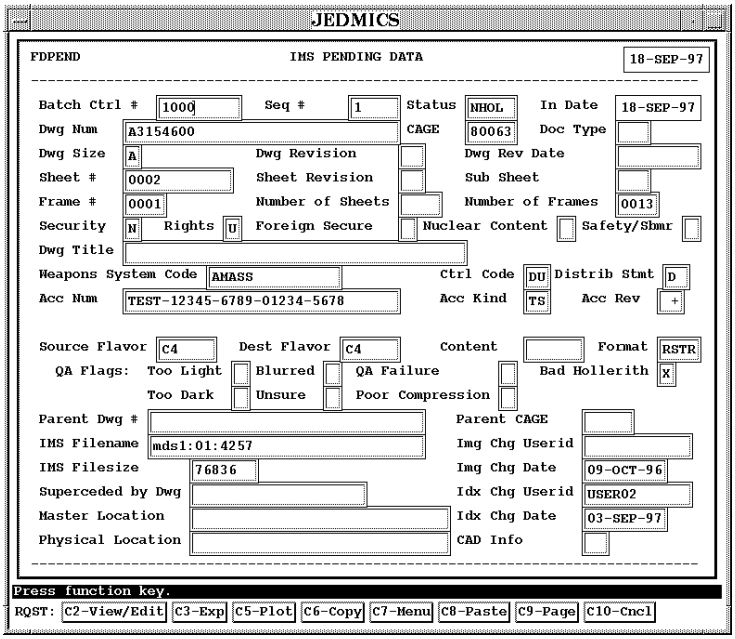


Figure 135.—IMS Pending Data (RQST) Screen

c. Select **C2-View/Edit**.

The Productivity Edge Image Editor launches. The selected image is retrieved and displayed in a separate window on your screen. The IMS Pending Data (RQST) screen remains in a window in the background.

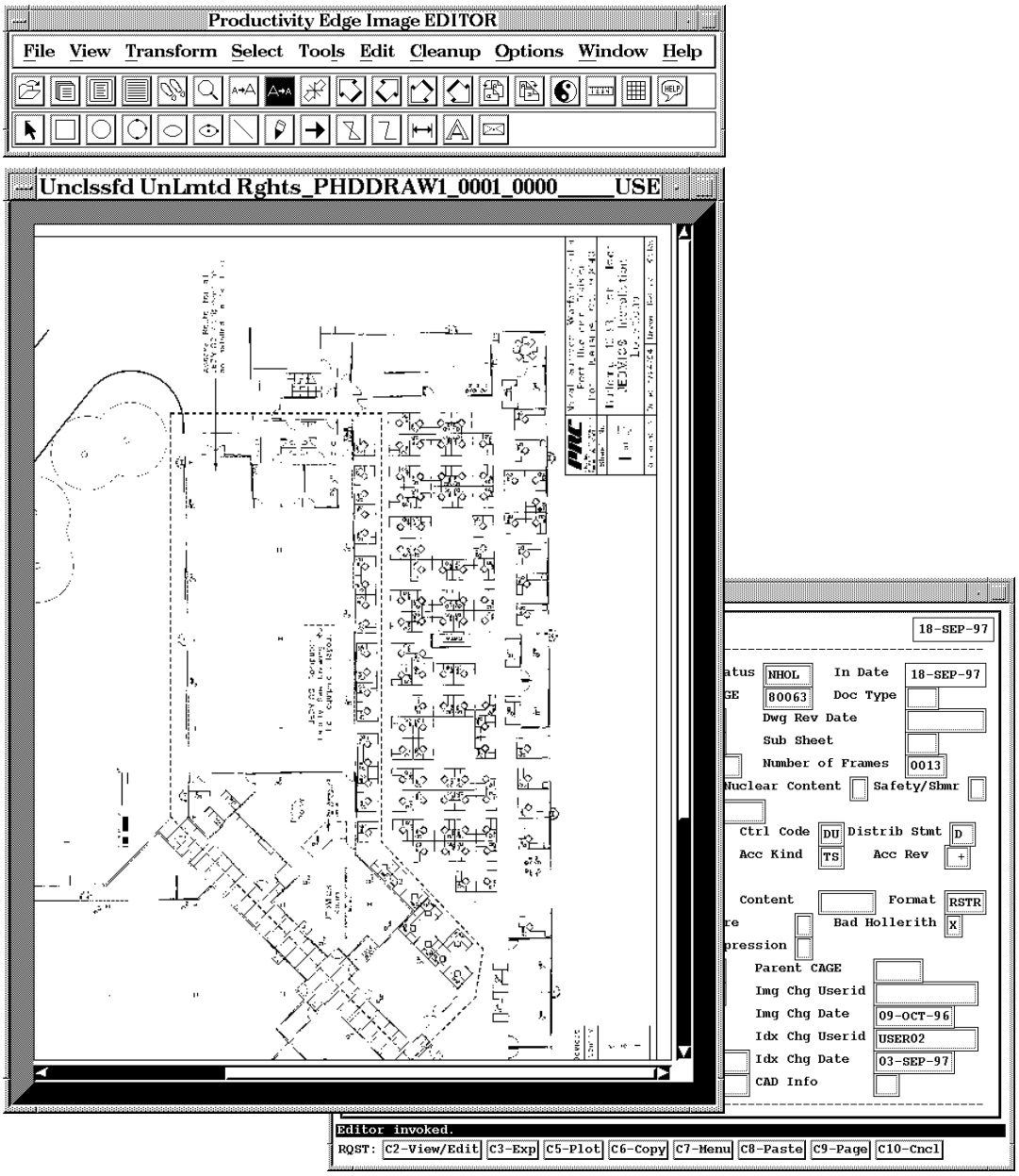


Figure 136.—Editing/Viewing from the IMS Pending Data (RQST) Screen

For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User’s Guide*.

d. To close an image that you were viewing/editing, you must first return to the IMS Pending Data (RQST) window. Click the title bar of the IMS Pending Data (RQST) screen to make it the active window.

Avoid using the Editor File Menu commands to close an image or exit the Editor. Those commands apply to the image at the local workstation level and may not be recognized by JEDMICS when you return to the JEDMICS application.

e. Press **C10-Cncl**. The image closes and you return to a blank IMS Pending Data (INS) screen. You can now retrieve another image or press **C10-Exit** to return to the Pending Data Retrieval Menu screen.

The Editor window remains available until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the window.

Plotting a Pending Data Image

a. Begin from the IMS Pending Data (INS) screen displaying the desired pending data record.

b. Select **C7-Menu**. This accesses the view, plot, and export functions on the IMS Pending Data (RQST) screen for the selected pending data record.

c. Select **C5-Plot**. This accesses the Plotter Selection Form.

d. Enter the desired output device.

e. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen.

f. Enter the appropriate parameters and select **C2-Accept** to queue for output. JEDMICS queues your job and reports the job ID number for your print request on the status line.

g. Select **C10-Exit** twice to return to the IMS Pending Data (RQST) screen.

Exporting a Pending Data Image

a. Begin from the IMS Pending Data (INS) screen displaying the desired pending data record.

b. Select **C7-Menu**. This accesses the view, plot and export functions on the IMS Pending Data (RQST) screen for the selected pending data record.

c. Select **C3-Exp**. This accesses the Workstation Import/Export screen.

d. Enter the full path and file name for the destination file to which the image is to be exported, for example, **{c:\tmp\image.c4}**.

Check with your system administrator to identify if any export file naming conventions are to be followed.

e. Select **C2-IMPEXP**. If you entered a local file name that already exists, the system prompts you to acknowledge that before you continue. Press any key to acknowledge; then, select **C2-Cont** to continue.

   The system displays a dialog box that asks if you want to convert the image to ASCII with Calera software.

   If you do NOT want to convert this image to a PCX format, but want to export it as a JEDMICS C4 format image, select **Cancel**. The system exports the image to the designated file and displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

   OR

   If you DO want to convert the file to PCX file format, select **Yes**. The system converts the file to PCX format and exports it. The system displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

Inserting a New Pending Data Record

The purpose of this function is to manually insert an index record in JEDMICS for an image that is not stored in JEDMICS.

From the blank IMS Pending Data (INS) screen:

a. Select **C3-New**. This accesses the IMS Pending Data (ADD) screen and assigns a unique Batch Control Number and sequence number.

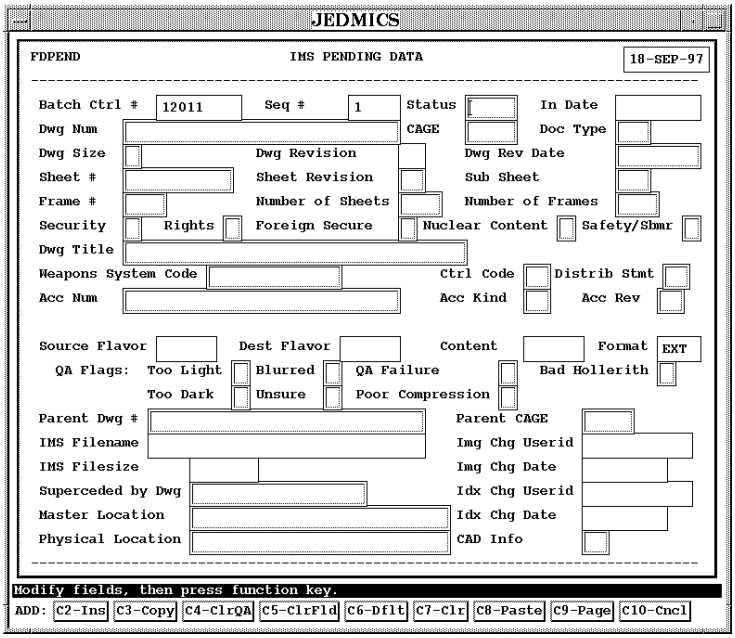


Figure 137.—IMS Pending Data (ADD) Screen

b. Enter the appropriate index data to define the new pending data record. At a minimum, you must enter data in the `Status`, `Dwg Num`, `CAGE`, and `Rights` fields. The `Format` field will automatically be set to EXT (external). Enter where the drawing or image is stored or located in the `Physical Location` field.

A pending record is assumed to be an accompanying document when the `Acc Num` field is populated on the IMS Pending Data screen. When you modify existing index data for an accompanying document, the value of the `Sub Sheet` field must equal the base document drawing revision. If you change this field to another value, JEDMICS corrects the value when you select C2-Save, and displays this message: `Accompanying document sub_sheet must equal base document dwg_rev/sheet_rev`

Do not use the single quote character or apostrophe (’), the percent character (%), or the underscore character (_) when you are editing or adding index data. You can still use the percent (%) and underscore (_) characters, with at least one significant character, to search the JEDMICS database.

Values in the `Sheet #`, `Number of Sheets`, `Frame #`, and `Number of Frames` fields are not zero-filled if the previous field content is not first deleted.

You can use the following function keys to edit or enter index data:

- C4-ClrQA clears any QA flags
- C5-ClrFld clears the highlighted field of data
- C6-Dflt retrieves the default values for `Security`, `Rights`, `Foreign Secure`, `Nuclear Content`, `Safety/Submr`, `Source Flavor`, `Dest Flavor`, and `Format`.
- C8-Clr clears all fields of displayed information

c. Select **C2-Ins**. The index record is inserted and the sequence number is incremented. If you have not entered index data in the `DocType` or `Sheet Revision` fields, a sequence of messages indicates which field is empty (NULL) and what actions will not be taken. Acknowledge each message and either enter the data for that field or proceed with the insertion.

d. You can add additional index records or select **C10-Cncl** to return to the blank IMS Pending Data (INS) screen.

4.6 Querying Pending Data

To search and view pending data files without inserting any additional index data or records, the Query Pending Data option is used. This option allows for viewing, printing, and exporting, but no editing of the image and index record.

Any index record with Security, Foreign Secure, Nuclear Content, or Safety/Submarine restrictions set can only be retrieved by a user with the appropriate permissions. If you do not have the appropriate permissions, any restricted index record is invisible to you as a user.

Any user can retrieve the index data for a Limited Rights record, but only users with Limited Rights access permission can view or plot the associated image. If you attempt to view or plot an image for which you do not have access permission, the system informs you that the image has restricted rights, and will not display or plot it.

a. From the Pending Data Retrieval Menu, select **Query Pending Data**. This accesses a blank IMS Pending Data (QRY) screen.

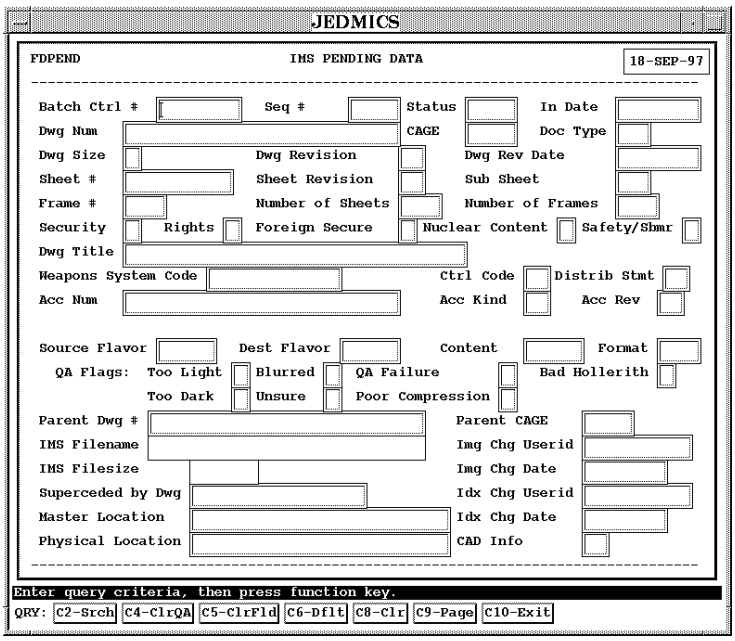


Figure 138.—IMS Pending Data (QRY) Screen [Blank]

b. Enter the Batch Control Number or any other desired search parameters in the appropriate fields.

c. Select **C2-Srch**. This returns the IMS Pending Data (QRY) screen displaying the retrieved pending index record(s).

If the query results in no records being found, a `No Records Found` message displays on the status line and the query criteria remain on the screen to be modified or revised for a subsequent query.

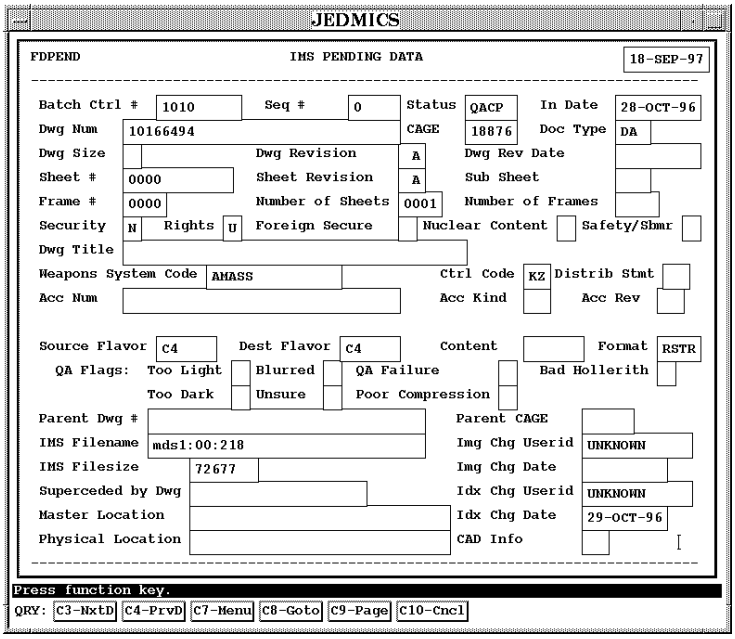


Figure 139.—IMS Pending Data (QRY) Screen [Populated]

d. Use the function keys to browse the pending data records.

- C3 NxtD pages to the next drawing retrieved
- C4-PrvD pages to the previous drawing retrieved
- C8-Goto goes to specific sequence or sheet number
- C9-Page displays a second page of index data

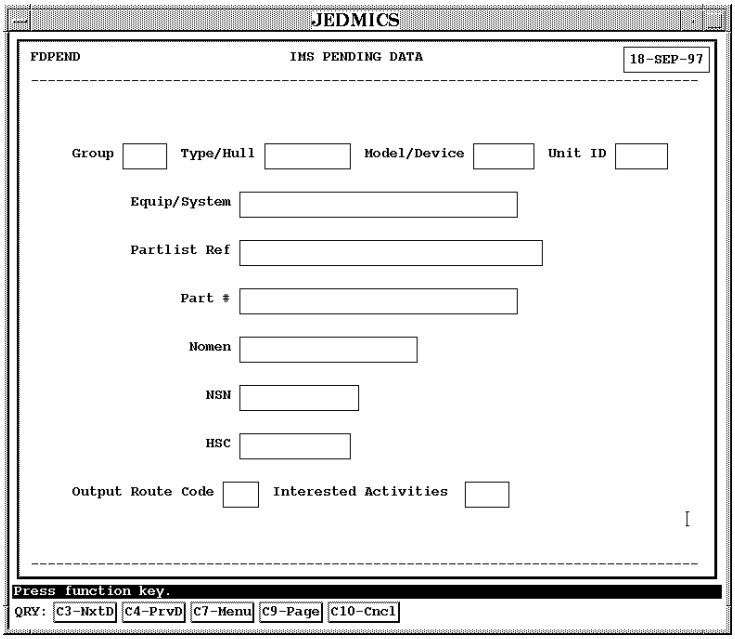


Figure 140.—IMS Pending Data (QRY) Screen [Page 2]

After locating the index record of the drawing you are interested in, you can view, plot, or export that image. See the appropriate paragraphs that follow for instructions on how to accomplish those functions.

Viewing Pending Data Images

Begin from the IMS Pending Data (QRY) screen displaying the desired index record.

a. Select **C7-Menu**. This accesses the view/edit, plot, and export functions on the IMS Pending Data (RQST) screen.

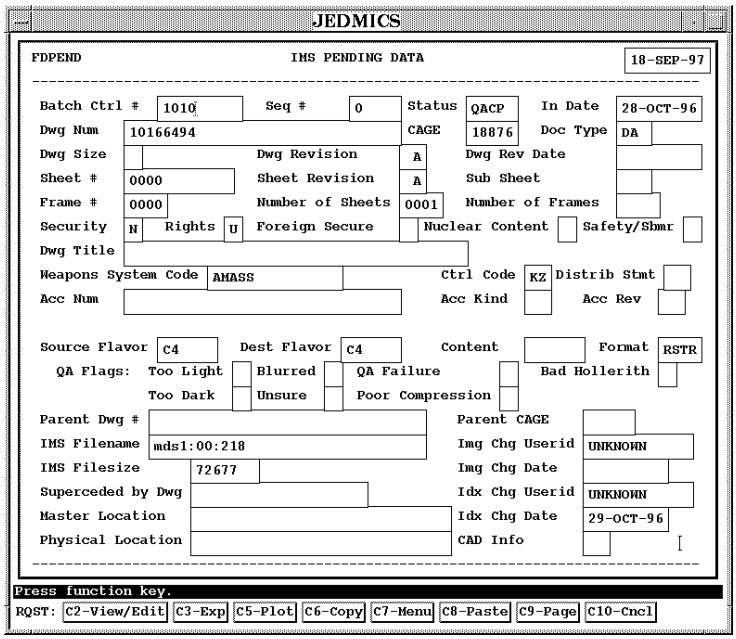


Figure 141.—IMS Pending Data (RQST) Screen

b. Select **C2-View/Edit**. This launches the Productivity Edge Image Editor application.

The selected image is retrieved and displayed in a separate window on your screen. The IMS Pending Data (RQST) screen remains in a window in the background.

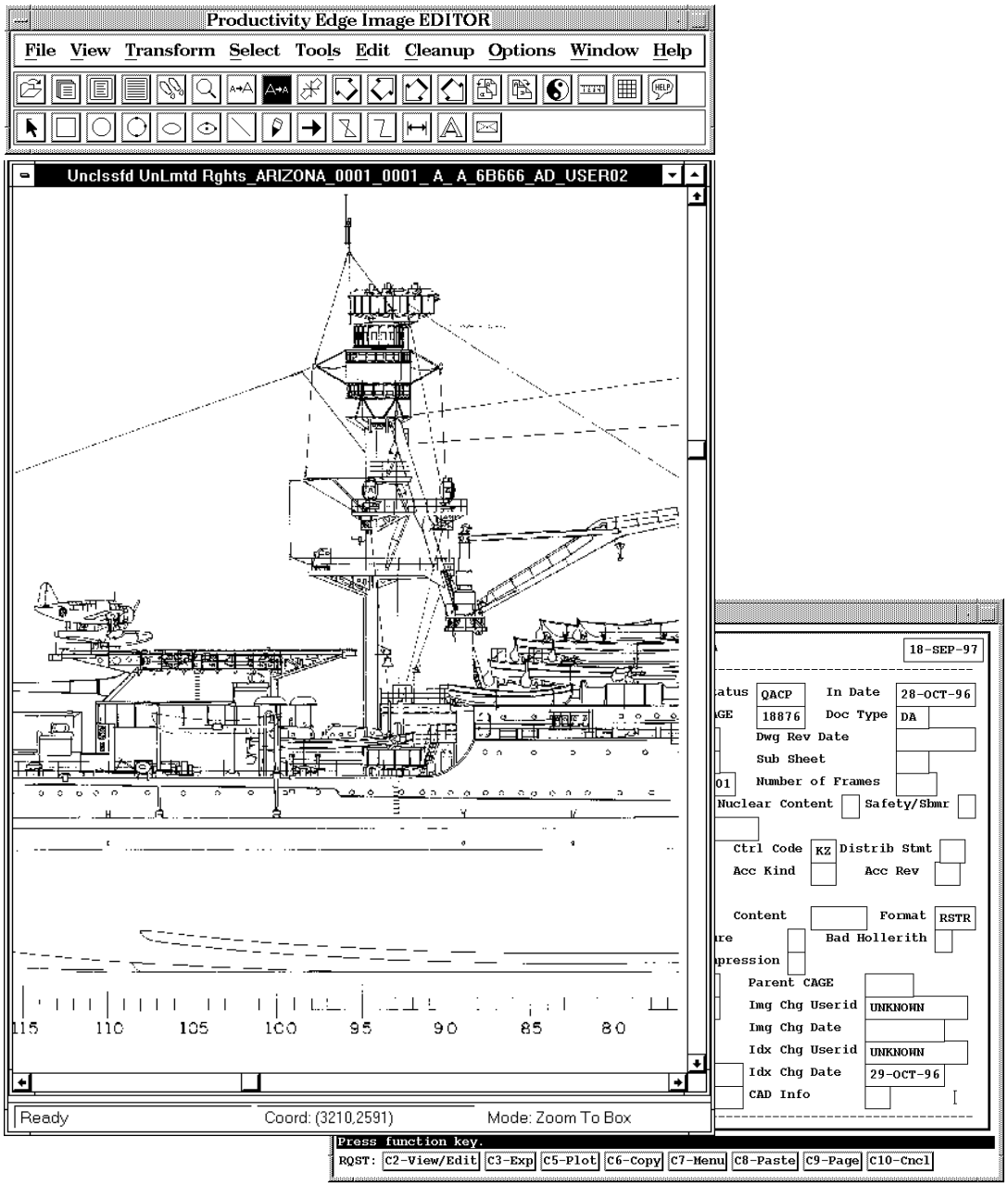


Figure 142.—Viewing from the IMS Pending Data (RQST) Screen

For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User's Guide*.

c. To close an image that you were viewing, you must first return to the IMS Pending Data (RQST) window. Click the title bar of the IMS Pending Data (RQST) screen to make it the active window.

Avoid using the Editor File Menu commands to close an image or exit the Editor. Those commands apply to the image at the local workstation level and may not be recognized by JEDMICS when you return to the JEDMICS application.

d. To close the image, press **C10-Cncl**. The image closes and you return to a blank IMS Pending Data (QRY) screen. You can now retrieve another image or press **C10-Exit** to return to the Pending Data Retrieval Menu screen.

The Editor window remains available until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the window.

Plotting a Pending Image

Begin from the IMS Pending Data (QRY) screen displaying the desired index record.

a. Select **C7-Menu**. This accesses the view, plot, and export functions on the IMS Pending Data (RQST) screen.

b. Select **C5-Plot**. This accesses the Plotter Selection Form screen.

c. Enter the name of the plotter to use. The available plotters display in the list on the screen.

d. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen for the selected plotter.

e. The Plotter Parameter Entry Form screen shows settings for the selected printer (listed in the `Print device` field). Revise the parameters as necessary.

f. Select **C2-Accept** to accept the displayed parameters and begin printing. JEDMICS reports the job queue number for your print request.

g. Select **C10-Exit** twice to return to the IMS Pending Data (RQST) screen.

Exporting a Pending Image

Begin from the IMS Pending Data (QRY) screen displaying the desired index record.

a. Select **C7-Menu**. This accesses the view, plot, and export functions on the IMS Pending Data (RQST) screen.

b. Select **C3-Exp**. This accesses the Workstation Import/Export screen.

c. Enter the full path and file name for the destination file to which the image is to be exported, for example, **{c:\tmp\image.c4}**.

Check with your system administrator to identify if any export file naming conventions are to be followed.

d. Select **C2-IMPEXP**. If you entered a local file name that already exists, the system prompts you to acknowledge that before you continue. Press any key to acknowledge; then, select **C2-Cont** to continue.

   The system displays a dialog box that asks if you want to convert the image to ASCII with Calera software.

   If you do NOT want to convert this image to a PCX format, but want to export it as a JEDMICS C4 format image, select **Cancel**. The system exports the image to the designated file and displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

   OR

   If you DO want to convert the file to PCX file format, select **Yes**. The system converts the file to PCX format and exports it. The system displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

4.7 Querying Batch Data

The Query Batch Data option allows you to access the Batch Control (QUERY) screen. From this screen, you can search for a specific batch and obtain information relevant to that batch.

a. From the Pending Data Retrieval menu, select **Query Batch Data**.

   This accesses the Batch Control (QUERY_BATCH_CONTROL) screen.

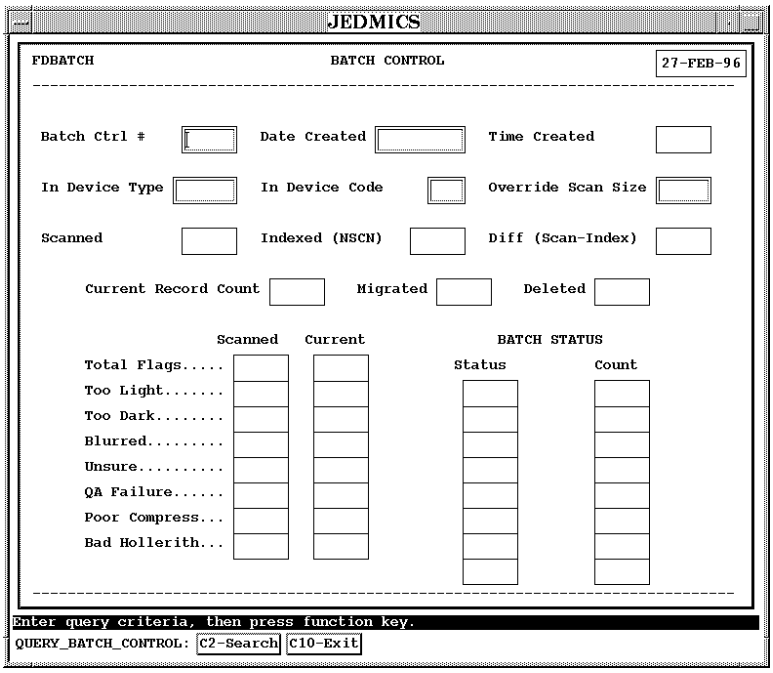


Figure 143.—Batch Control (QUERY_BATCH_CONTROL) Screen

b. Enter query criteria. Criteria may be specified for the following fields: `Batch Ctrl #`, `Date Created`, `In Device Type`, `In Device Code`, and `Override Scan Size`.

c. Select **C2-Search**. This changes the screen mode to BATCH_CONTROL and displays the selected batch(es).

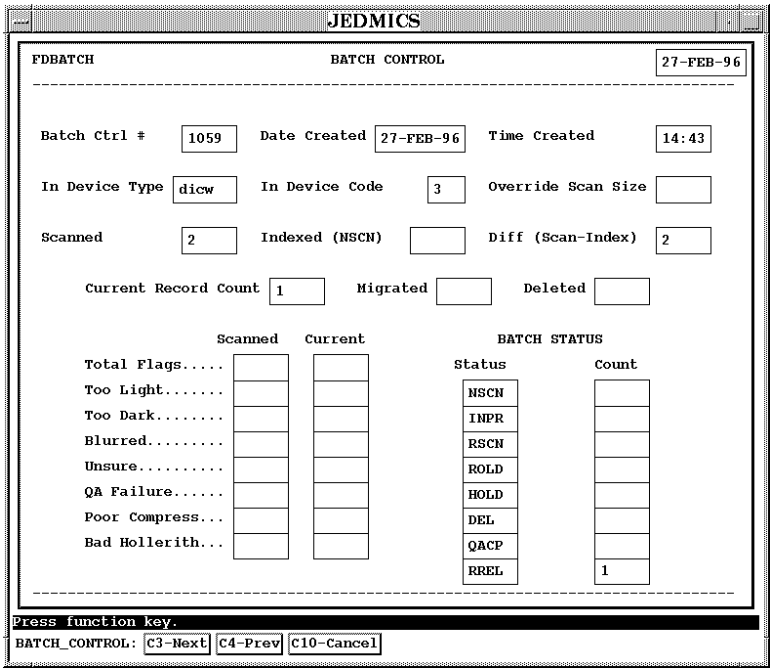


Figure 144.—Batch Control (BATCH_CONTROL) Screen

Use the **C3-Next** and **C4-Prev** function keys to browse the selected batches.

d. Select **C10-Cancel** to change the Batch Control screen back to the QUERY_BATCH_CONTROL mode. You can query for other batches or select **C10-Exit** to return to the Pending Data Retrieval menu.

4.8 Querying Reserved Images

To determine which pending images have been assigned to or reserved for another user, search for images that have a status of RSVR (reserved). You can then view, plot, or export the reserved images, but not edit them.

a. From the Pending Data Retrieval menu, select **Query Reserved Images**. This accesses the blank IMS Pending Data (QRY) screen.

b. Enter query criteria.

c. Select **C2-Srch**. This returns the IMS Pending Data (QRY) screen displaying pending data records meeting your query parameters.

Use the function keys to browse the reserved pending data records:

- C3 NxtD pages to the next drawing retrieved
- C4-PrvD pages to the previous drawing retrieved
- C9-Page displays a second page of index data

After locating the index record of the reserved image you are interested in, you can view, plot, or export that image. See the appropriate paragraphs that follow for instructions on how to accomplish those functions.

Viewing a Reserved Image

Reserved images may be viewed using the Productivity Edge Image Editor application.

a. From the IMS Pending Data (QRY) screen displaying the reserved pending data record of interest, select **C7-Menu** to change the screen to the RQST mode.

b. Select **C2-View/Edit**. This launches the Productivity Edge Image Editor.

   The selected image is retrieved and displayed in a separate window on your screen. The IMS Pending Data (RQST) screen remains in a window in the background.

   For complete instructions on using the Editor application, refer to the *Productivity Edge Editor User's Guide*.

c. To close an image that you were viewing, you must first return to the IMS Pending Data (RQST) window. Click the title bar of the IMS Pending Data (RQST) screen to make it the active window and bring it to the foreground.

Avoid using the Editor File Menu commands to close an image or exit the Editor. Those commands apply to the image at the local workstation level and may not be recognized by JEDMICS when you return to the JEDMICS application.

d. Press **C10-Cncl**. The image closes and you return to a blank IMS Pending Data (QRY) screen. You can now retrieve another image or press **C10-Exit** to return to the Pending Data Retrieval Menu screen.

The Editor window remains available until you exit out of JEDMICS. If you prefer, you can minimize the window by clicking once on the minimize button in the upper right corner of the window.

Plotting a Reserved Image

a. From the IMS Pending Data (QRY) screen displaying the reserved pending data record, select **C7-Menu**. This accesses the IMS Pending Data (RQST) screen.

b. Select **C5-Plot**. This accesses the Plotter Selection Form screen.

c. Enter the name of the plotter to use. The available plotters display in the list on the screen.

d. Select **C2-Accept**. This accesses the Plotter Parameter Entry Form screen and shows settings for the selected printer (listed in the `Print device` field). Revise the parameters as necessary.

e. Select **C2-Accept** to accept the displayed parameters and begin printing. JEDMICS reports the job queue number for your print request.

Exporting a Reserved Image

a. From the IMS Pending Data (QRY) screen displaying the reserved pending data record of interest, select **C7-Menu**. This accesses the IMS Pending Data (RQST) screen.

b. Select **C3-Exp**. This accesses the Workstation Import/Export screen.

c. Enter the full path and file name for the destination file to which the image is to be exported, for example, **{c:\tmp\image.c4}**.

Check with your system administrator to identify if any export file naming conventions are to be followed.

d. Select **C2-IMPEXP**. If you entered a local file name that already exists, the system prompts you to acknowledge that before you continue. Press any key to acknowledge; then, select **C2-Cont** to continue.

   The system displays a dialog box that asks if you want to convert the image to ASCII with Calera software.

   If you do NOT want to convert this image to a PCX format, but want to export it as a JEDMICS C4 format image, select **Cancel**. The system exports the image to the designated file and displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

   OR

If you DO want to convert the file to PCX file format, select **Yes**. The system converts the file to PCX format and exports it. The system displays an `Image exported` acknowledge message window. Select **OK**. The Drawing Data (RQST) screen displays.

4.9 Workstation File Import

Workstation File Import is used to insert individual image files, along with any associated index data, into pending data storage. When the workstation file import function is started, a batch control number (BCN) is automatically generated.

To import a file you must first enter the necessary index data (at a minimum, the drawing number and appropriate file type fields) prior to specifying the file to be inserted. Any number of files can be inserted, with the sequence number incrementing by one after each insertion.

a. From the Pending Data Retrieval Menu, select **Workstation File Import**. The IMS Pending Data (INS) screen displays.

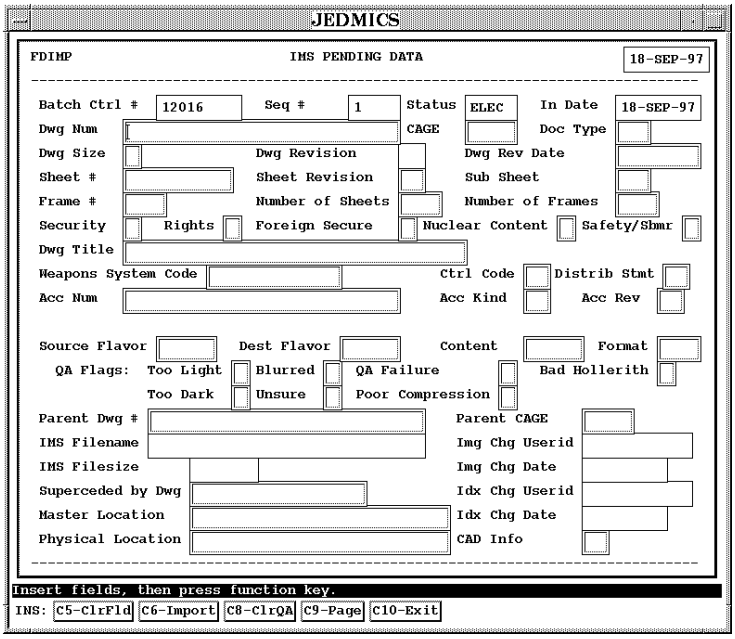


Figure 145.—IMS Pending Data (INS) Screen

b. Enter the appropriate index data for the drawing or image to be imported. `Dwg Num`, `CAGE`, `Rights`, and `Format` are required fields, and data must be entered. It is recommended that the `Doc Type` and `Sheet Revision` fields also be entered. If you do not enter data in these fields, the drawing will still be imported, a sequence of messages indicate which field is empty (NULL) and what actions will not be taken. Acknowledge each message and either enter the data for that field or proceed with the insertion.

Do not use the single quote character or apostrophe ('), the percent character (%), or the underscore character (_) when you are editing or adding index data. You can still use the percent (%) and underscore (_) characters, with at least one significant character, to search the JEDMICS database.

If you are importing an accompanying document, you must enter the `Dwg Num`, `CAGE`, and `DocType` of the base drawing into those fields. Enter the index data for the accompanying document in the `Acc Num`, `Acc Kind`, `Acc Rev`, `Sheet #`, and `Frame #` fields.

If you import an accompanying document, JEDMICS uses the `Sub Sheet` field on the IMS Pending Data screen to associate the accompanying document to the base document drawing revision. When you enter the index data for the accompanying document, leave the `Sub Sheet` field blank and let the JEDMICS application automatically complete the field during the import process.

If you enter a value in the `Sub Sheet` field that does not equal the base document drawing revision and you select **C6-Import**, JEDMICS automatically corrects the value and displays the following message:

```
Accompanying document sub_sheet must equal base document dwg_rev/sheet_rev
```

c. If you enter an invalid file format, the Select File Type (QUERY) screen displays.

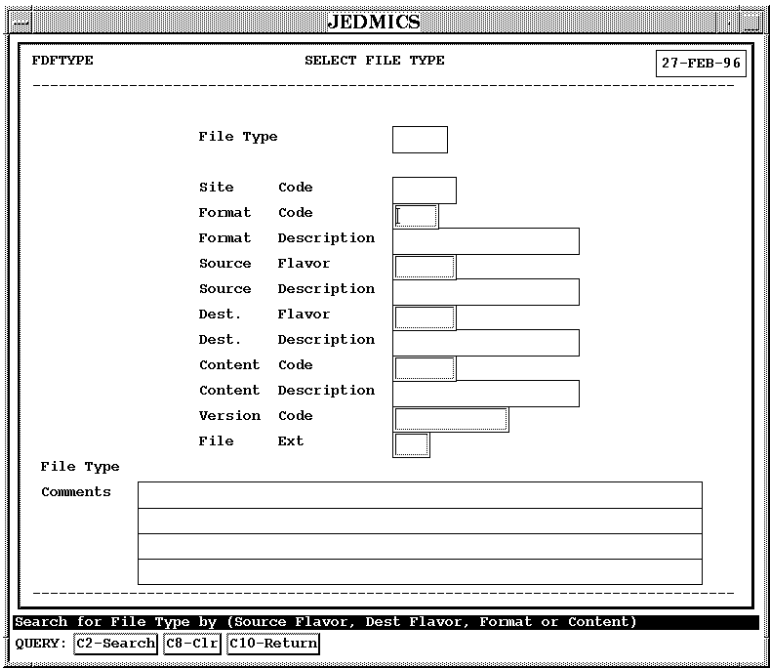


Figure 146.—Select File Type (QUERY) Screen

(1) Select **C2-Search** to retrieve the file types available for selection. The Select File Type screen switches to the SELECT mode.

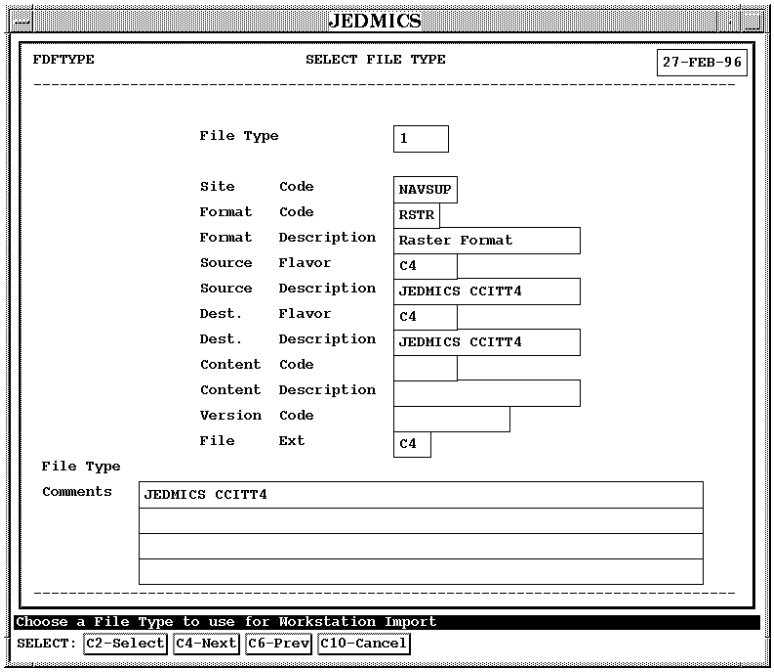


Figure 147.—Select File Type (SELECT) Screen

(2) Use the **C4-Next** and **C6-Prev** function keys to scroll the available file types.

After locating the appropriate file type, press **C2-Select**. You return to the IMS Pending Data (INS) Screen, with the selected file format information displayed.

d. Select **C6-Import**. The Workstation Import/Export screen displays.

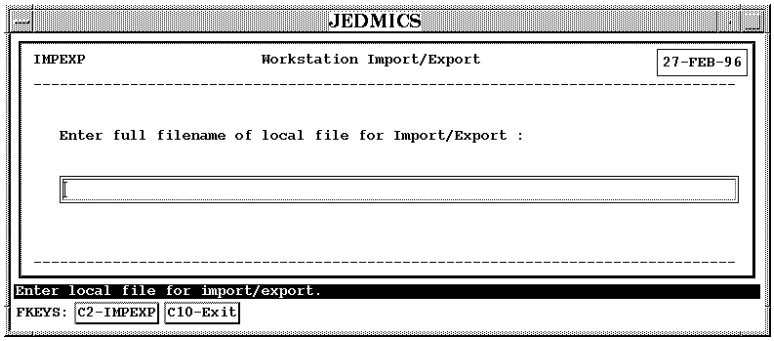


Figure 148.—Workstation Import/Export Screen

e. Enter the full path name of the data file to be imported, for example, **{a:/tmp/image.c4}**.

Check with your system administrator for the correct file type to import, as well as any naming conventions for imported files.

f. Select **C2-IMPEXP** to execute the import. If the path and file name are valid, the file is imported into pending data storage and an acknowledge message window displays. Press RETURN to continue.

   If you did not enter data in the `Doc Type`, `Dwg Revision`, or `Sheet Number` fields, a sequence of messages indicate which field is empty (NULL) and what actions will not be taken. Press the RETURN or ENTER key to acknowledge any messages. The IMS Pending Data (INS) screen redisplays, and the batch sequence number is incremented.

g. You can continue to import images or press **C10-Exit** to return to the Pending Data Retrieval menu.

5. Using Job Queue Utility

Whenever you direct JEDMICS to output to a peripheral device, the request is entered in the job queue. The job queue reports the status of all jobs. Output jobs remain in the queue, regardless of their status, until the system administrator removes them. Using the Job Queue Utility option, you may browse, cancel, suspend, resume, or see detailed information for selected jobs.

The JEDMICS job queue utility searches for jobs that are in uppercase letters. The tprint utility produces jobs that are in lowercase letters; therefore, tprint utility jobs are not visible in the list of jobs within the job queue utility.

a. From the JEDMICS Main Menu, select **Job Queue Utility**. This accesses the Output Queue Utility (SELECT) screen.

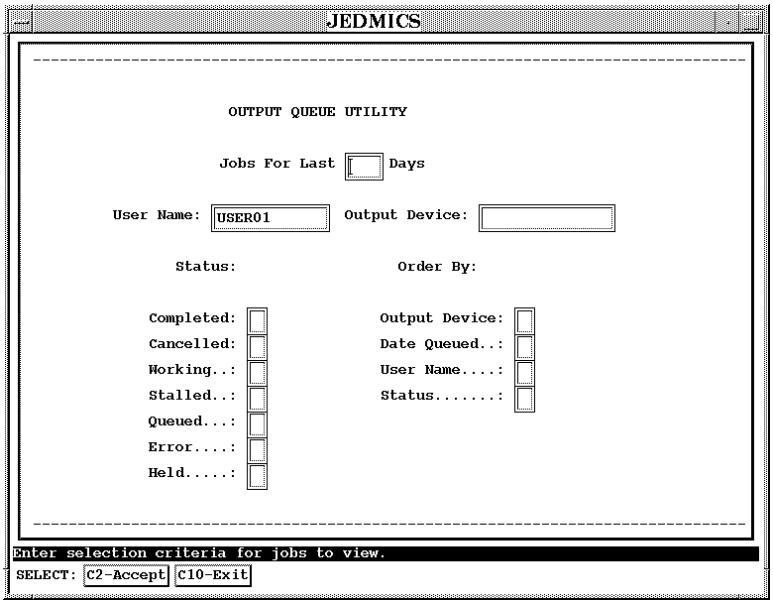


Figure 149.—Output Queue Utility (SELECT) Screen

b. Enter the selection criteria for the output jobs you want to view. You may specify as many or as few criteria as you desire. Leaving all fields blank will retrieve all jobs.

(1) If desired, enter the number of past days from which you want to view jobs in the `Jobs for Last {number} Days` field.

(2) The `User Name` field will automatically be populated with your user ID. If you want to change it, enter a different user ID.

(3) If desired, enter the output device in the `Output Device` field.

(4) If desired, mark status of jobs to be selected by entering an **X** in the adjacent field(s). These include `Completed`, `Cancelled`, `Working`, `Stalled`, `Queued`, `Error`, and `Held`.

c. Select and mark the order in which you want to view jobs by placing a 1, 2, 3, or 4 in the appropriate criteria field in the `Order By` column. The criteria include `Output Device`, `Date Queued`, `User Name`, and `Status`.

d. Select **C2-Accept**. This accesses the Master Job Information (BRWSE) screen and displays the jobs you selected. Jobs will be listed by job ID number in ascending order.

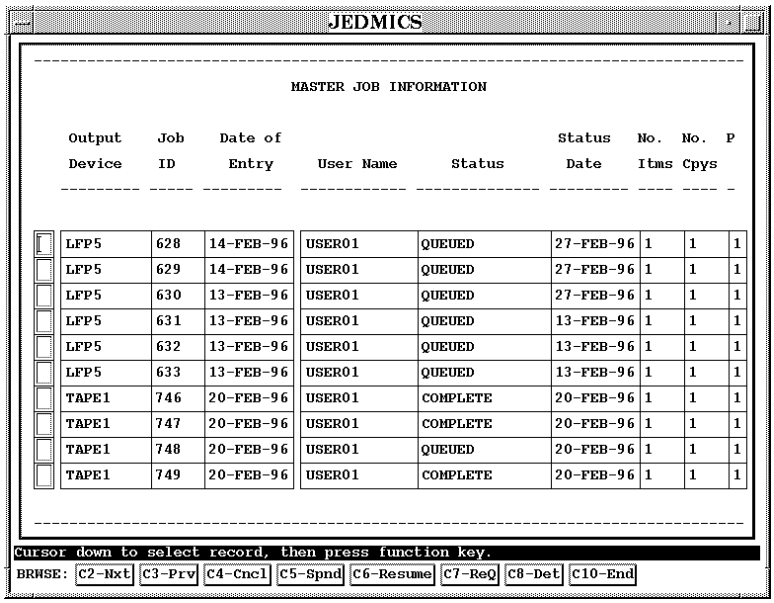


Figure 150.—Master Job Information (BRWSE) Screen

e. Browse the list of retrieved jobs in the queue using the UP and DOWN ARROW keys or the **C2-Nxt** or **C3-Prv** function keys.

From the Master Job Information (BRWSE) screen you can cancel, suspend, resume, or requeue a specific job; or access more detailed information on the job and in turn, cancel, suspend, resume or requeue a specific item within a job. See the appropriate paragraphs that follow for instructions on how to proceed.

f. To return to the JEDMICS Main Menu, select **C10-End**, **C10-Exit**.

Cancelling Jobs in the Queue

You can cancel any job shown in the output queue that has not been completed. These jobs will list a status of Stalled, Queued, on Hold, or Working.

From the Master Job Information (BRWSE) screen:

a. Mark the job to be cancelled by entering an **X** in the far left selection column.

b. Select **C4-Cncl**. An acknowledge message box is displayed. Press any key to continue.

   This cancels the job in the queue and changes the status to Cancelled.

Suspending Jobs in the Queue

Jobs in the queue which have not been completed may be suspended. You can suspend any job shown in the queue that lists a status of Stalled or Queued.

When a job in the queue is suspended, it remains in the queue, where it can subsequently be viewed, cancelled, or resumed.

From the Master Job Information (BRWSE) screen:

a. Mark the job to be suspended by entering an **X** in the far left selection column.

b. Select **C5-Spnd**. An acknowledge message box displays. Press any key to acknowledge.

   This suspends the job in the queue and changes the status to Hold.

Resuming Jobs in the Queue

You can resume any job shown in the queue that lists a status of Hold. When a job in the queue is resumed, its status changes to Queued.

From the Master Job Information (BRWSE) screen:

a. Mark the job to be resumed by entering an **X** in the far left selection column.

b. Select **C6-Resume**. An acknowledge message box displays. Press any key to continue. This resumes the job in the queue and changes the status to Queued.

Requeuing a Job

Jobs in the queue that have a status of Complete, Stalled, Cancelled, or On Hold can be requeued for output. A job can be requeued only to the original output device.

By default, you can requeue only those jobs that you originated. Your user profile can be modified to allow you to requeue jobs that were originated by others.

From the Master Job Information (BRWSE) screen:

a. Mark the job to be requeued by entering an **X** in the far left selection column.

b. Select **C7-ReQ**. An acknowledge message box is displayed. Press any key to continue. This requeues the job and changes the status to Working.

When a completed job is requeued, it is sent to the original output device and retains the original job ID number.

Viewing Detailed Information on Jobs in the Queue

You can view detailed information on any job in the queue. This information includes basic information about the job and a listing of all images or job items included in the job. From this detailed job information screen you may cancel, suspend, or access detailed information about a specific job item included in the job.

From the Master Job Information (BRWSE) screen:

a. Mark the job to view in detail by entering an **X** in the far left selection column.

b. Select **C8-Det**. This accesses the Output Queue Detail Information (BRWSE) screen.

If the user who placed the job in the queue from the Plotter Parameter Entry Form screen used C6-Edit.Open.Fields to enter alphanumeric codes on H or T type aperture cards, those codes appear in these fields:

- Field 1: contains a value specified for columns 36–38 of an H type card
- Field 2: contains a value specified for columns 36–46 of a T type card
- Field 3: contains a value specified for columns 78–80 of a T type card

If no values were entered for these optional fields on the Plotter Parameter Entry Form screen, the `ACO Open Fields` fields on the Output Queue Detail Information (BRWSE) screen will be blank.

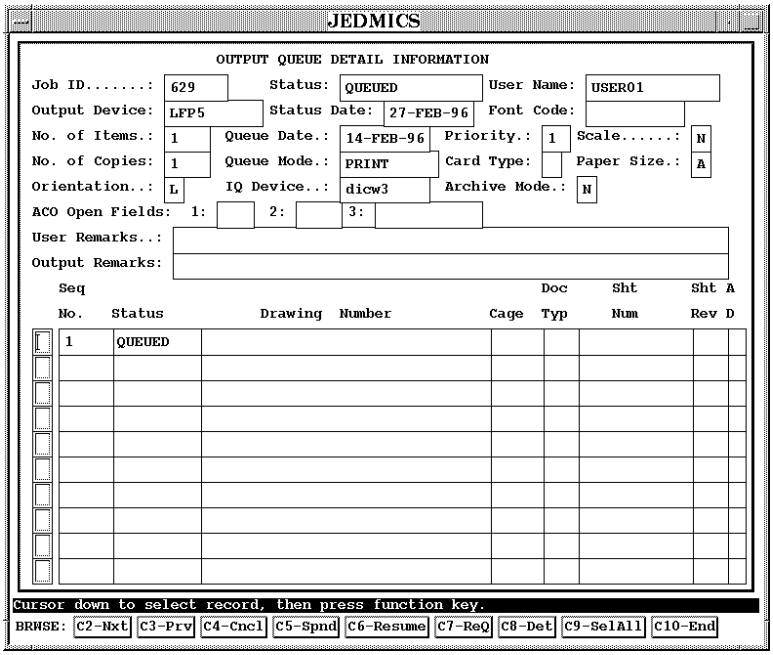


Figure 151.—Output Queue Detail Information (BRWSE) Screen

c. Browse the detailed information on the job and specific drawings included in the selected job.

   From the Output Queue Detail Information (BRWSE) screen, you can cancel, suspend, resume, requeue, or view additional detail on any job item listed. See the appropriate paragraphs that follow for instructions on how to proceed.

Cancelling Job Items in the Queue

You can cancel any job item shown in the queue that has not been completed. These job items list a status of Stalled, Queued, On Hold, or Working.

From the Output Queue Detail Information (BRWSE) screen:

a. Mark the job item to be cancelled by entering an **X** in the far left selection column. To mark all job items, select **C9-SelAll**.

b. Select **C4-Cncl**. An acknowledge message box displays. Press any key to continue. This cancels the job item(s) in the queue and changes the status to Cancelled.

Suspending Job Items in the Queue

Job items in the queue which have not been completed may be suspended. You can suspend any job item shown in the queue that lists a status of Stalled or Queued.

When a job item in the queue is suspended, it remains in the queue where it can later be viewed, cancelled, or resumed.

From the Output Queue Detail Information (BRWSE) screen:

a. Mark the job item to suspend by entering an **X** in the far left selection column. To mark all job items, select **C9-SelAll**.

b. Select **C5-Spnd**. An acknowledge message box displays. Press any key to continue. The job item is suspended in the queue and the status changes to Hold.

Resuming Job Items in the Queue

You can resume any job item shown in the queue that lists a status of Hold. When a job item in the queue is resumed, its status changes to Queued.

From the Output Queue Detail Information (BRWSE) screen:

a. Mark the job item to be resumed by entering an **X** in the far left selection column. To mark all job items, select **C9-SelAll**.

b. Select **C6-Resume**. An acknowledge message box displays. Press any key to continue. This resumes the job item in the queue and changes the status to Queued.

Requeuing Job Items in the Queue

Job items in the queue that have a status of Complete, Stalled, Cancelled, or On Hold can be requeued for output.

From the Output Queue Detail Information (BRWSE) screen:

a. Mark the job item to be requeued by entering an **X** in the far left selection column. To mark all job items, select **C9-SelAll**.

b. Select **C7-ReQ**. An acknowledge message box displays. Press any key to continue. The job item is requeued and the status changes to Working.

Viewing Detailed Information on a Specific Job Item

You can view detailed information on any job item in the queue. This information includes basic information about the batch and lists, by sequence number, the specific included drawings. From this detailed job information screen you can cancel, suspend a job, or access detailed information about a specific drawing included in the job.

From the Output Queue Detail Information (BRWSE) screen:

a. Mark the job item to view in detail by entering an **X** in the far left selection column. To mark all job items, select **C9-SelAll**.

b. Select **C8-Det**. This accesses the Job Item Detailed Information Display screen.

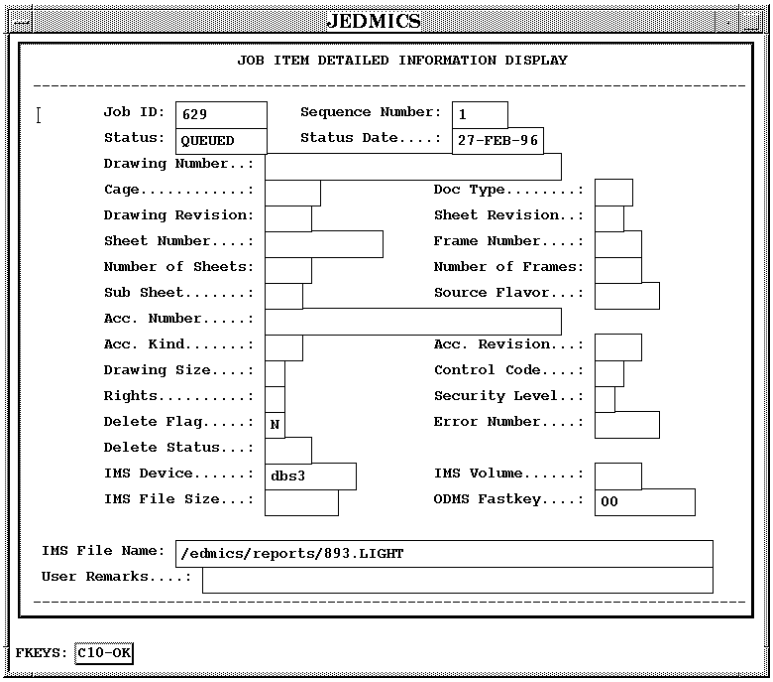


Figure 152.—Job Item Detailed Information Display Screen

c. Browse the detailed information on the job item. Select **C10-OK** to return to the Output Queue Detail Information (BRWSE) screen.

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6. TISCA Bidset Requests

This section provides procedures for using the Technical Information Storage and Control Application (TISCA) Bidset Requests function on a workstation.

a. To access the TISCA Bidset Request functions, select **TISCA Bidset Requests** from the JEDMICS Main Menu. The TISCA Bidset Requests screen displays.

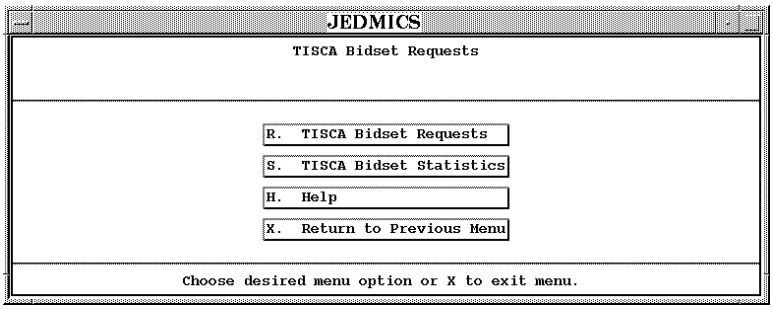

Figure 153.—TISCA Bidset Requests Screen

b. Select **TISCA Bidset Requests**. The Bidset/Document Interrogation/Request Main Menu screen displays.

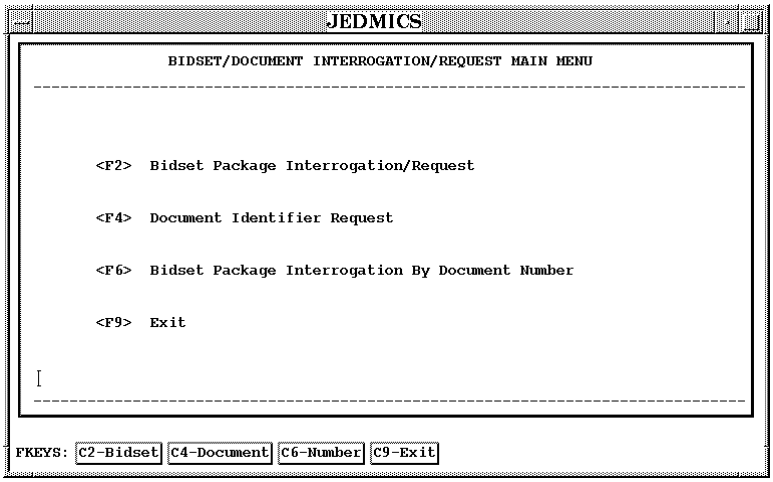

Figure 154.—Bidset/Document Interrogation/Request Main Menu

Refer to the appropriate paragraph in this section for instructions on executing each of the functions listed on this screen.

6.1 Bidset Output Requests by Document Identifier

The Document Identifier Request option allows you to list, view, or output individual bidset package documents using the Document Number Identifier.

From the Bidset/Document Interrogation/Request Main Menu screen:

Select **C4-Document**. The Document Identifier Request screen displays.

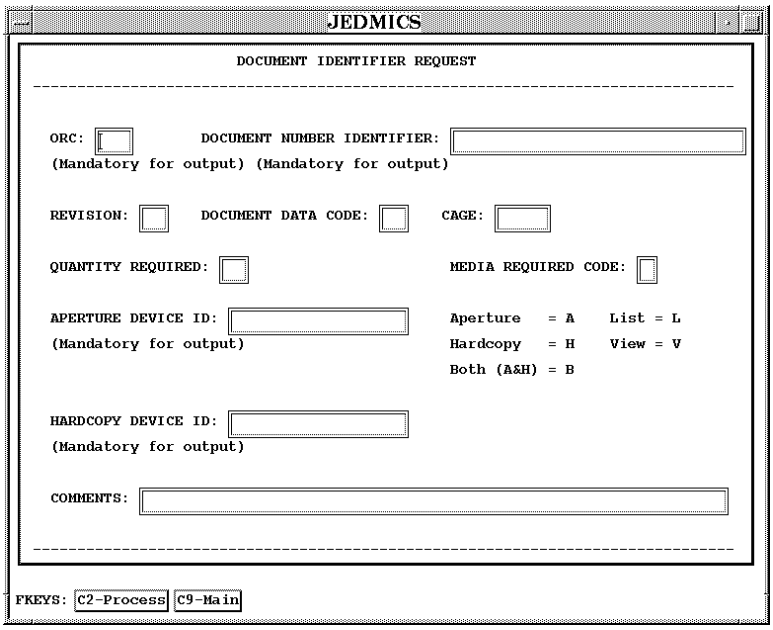

Figure 155.—Document Identifier Request Screen

Listing a Document Associated with a Bidset Package

At the Document Identifier Request screen:

a. Enter data in the `Document Number Identifier`, `Revision`, `Document Data Code`, and `CAGE` fields, and enter **L** in the `Media Required Code` field.

b. Select **C2-Process** to display the Document Identifier Reply screen. This screen displays a list of all associated document sheets.

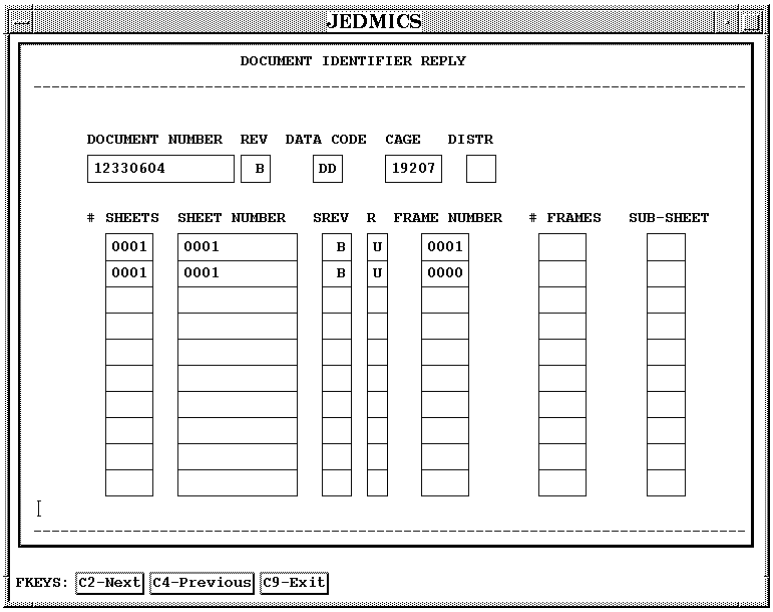

Figure 156.—Document Identifier Reply Screen

c. Select **C2-Next** if there are more than 10 document sheets in the document (the lower right hand corner of the screen will have a note saying `more...`). Select **C4-Previous** to return to the last screen viewed. Selecting **C9-Exit** returns you to the Document Identifier Request Screen.

Viewing a Document Associated with a Bidset Package

At the Document Identifier Request screen:

a. Enter data in the `Document Number Identifier`, `Revision`, `Document Data Code`, and `CAGE` fields, and enter **V** in the `Required Media Code` field.

b. Select **C2-Process** to display the Document Identifier View Reply screen with the first document sheet displayed in the Productivity Edge Image Editor or the PRC Digital Image Viewer.

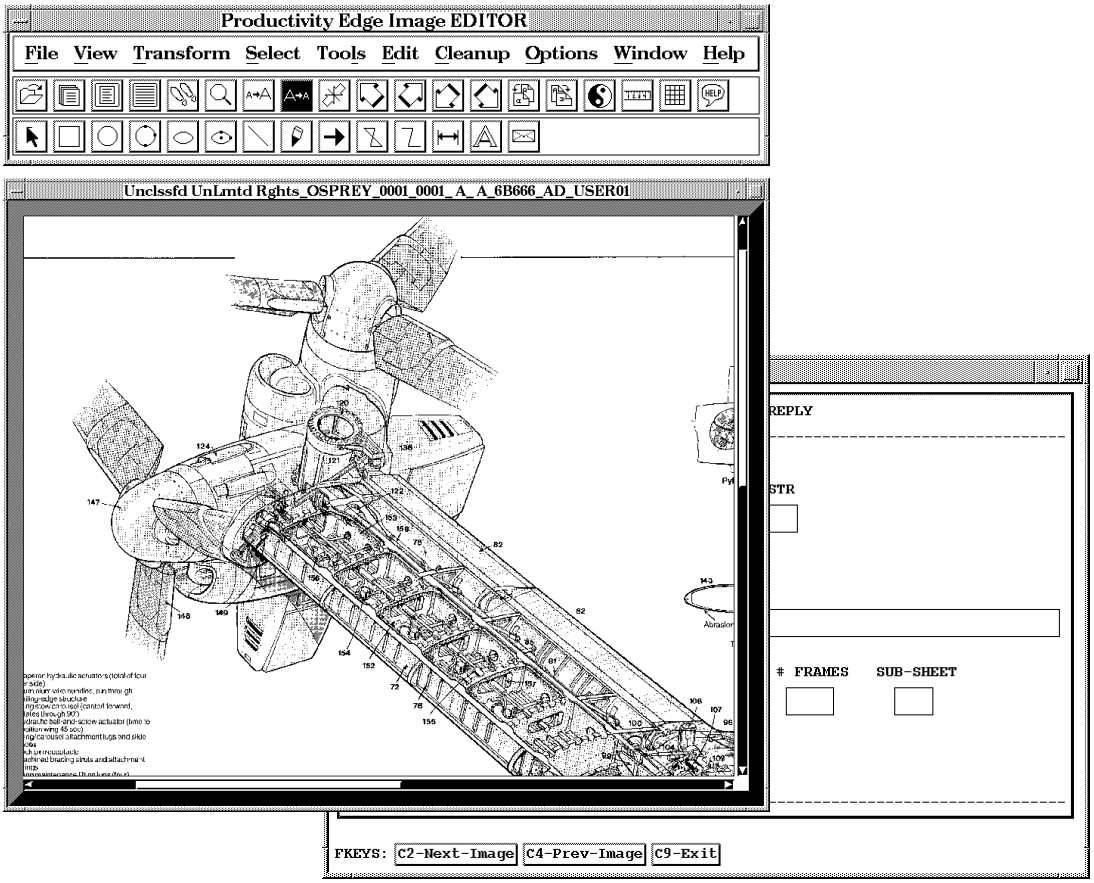

Figure 157.—Viewing from the Document Identifier View Reply Screen

c. Select **C2-Next-Image** or **C4-Prev-Image** to view data associated with other sheets of the package.

d. Select **C9-Exit** to return to the Document Identifier Request screen.

Printing a Document Associated with a Bidset Package

At the Document Identifier Request screen:

a. Enter data in all fields except `Comments`.

b. Select **C2-Process** to display the Output Request Job Identifier Results screen.

c. This screen lists the job IDs for aperture card and/or hardcopy being output. If a device was not selected, the message `(not requested)` displays.

d. Select **C9-Exit** to redisplay the Document Identifier Request screen. Select **C9-Main** to return to the Bidset/Document Interrogation/Request Main Menu.

6.2 Bidset Output Requests by Bidset Package Number

The Bidset Package Interrogation/Request option allows users to list, view, or output documents of a bidset package, using the bidset package number.

From the Bidset/Document Interrogation/Request Main Menu screen:

Select **C2-Bidset**. The Bidset Package Interrogation/Request screen displays.

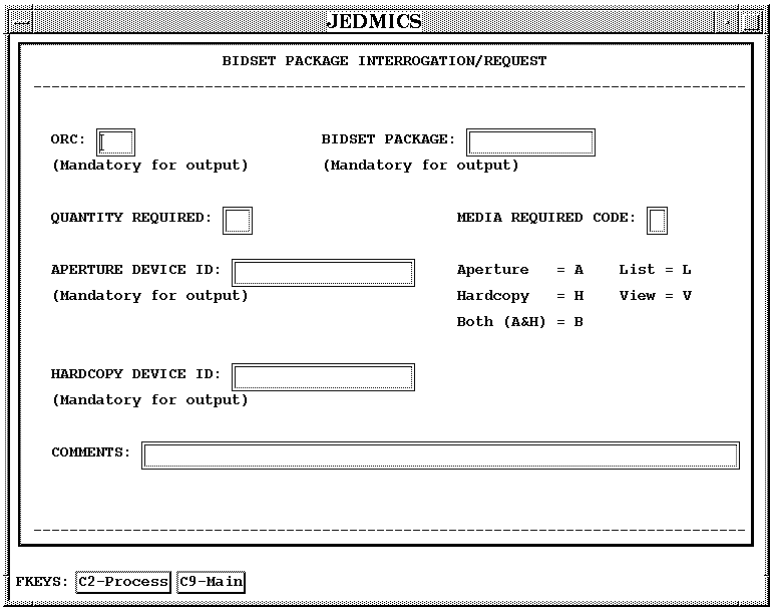

Figure 158.—Bidset Package Interrogation/Request Screen

Listing Documents Related to Bidset Packages

At the Bidset Package Interrogation/Request screen:

a. Enter the desired `Bidset Package` number (13 digits), and type **L** in the `Media Required Code` field.

b. Select **C2-Process** to display the Bidset Package Interrogation Reply screen, listing all documents contained in the specified bidset package.

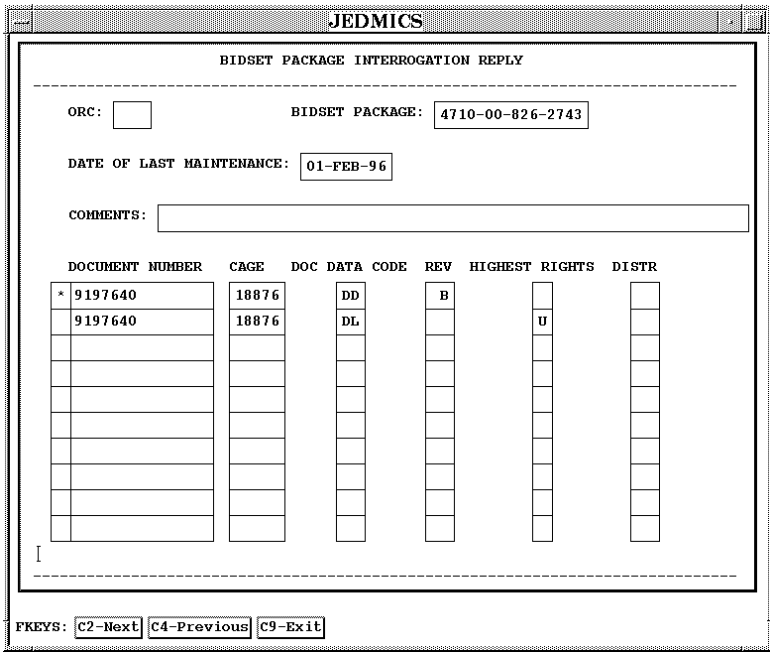

Figure 159.—Bidset Package Interrogation Reply Screen

c. If the desired bidset exists in the package, select **C2-Next** to view information on other document numbers associated with the bidset. Select **C4-Previous** to return to the last screen viewed.

An asterisk (*) to the left of the document number indicates that the document itself does not exist in the database. The `Date of Last Maintenance` field provides the date the given bidset was last loaded or modified via the maintenance function. Deletes via the maintenance function do not update the `Date of Last Maintenance` field for the given bidset.

d. Select **C9-Exit** to return to the Bidset Package Interrogation/Request Screen.

The `ORC` and `Comments` fields reflect what was entered in the previous menu, and have no effect when using the L (List) option.

e. Select **C9-Main** to return to the Bidset/Document Interrogation/Request Main Menu Screen.

Viewing Documents Related to Bidset Packages

At the Bidset Package Interrogation/Request screen:

a. Enter the desired Bidset Package number. All 13 numerals must be entered without blanks.

b. Type **V** in the `Media Required Code` field (all other fields are ignored).

c. Select **C2-Process** to display the Bidset Package Interrogation/Request View Reply screen and launch the Productivity Edge Image Editor or the PRC Digital Image Viewer.

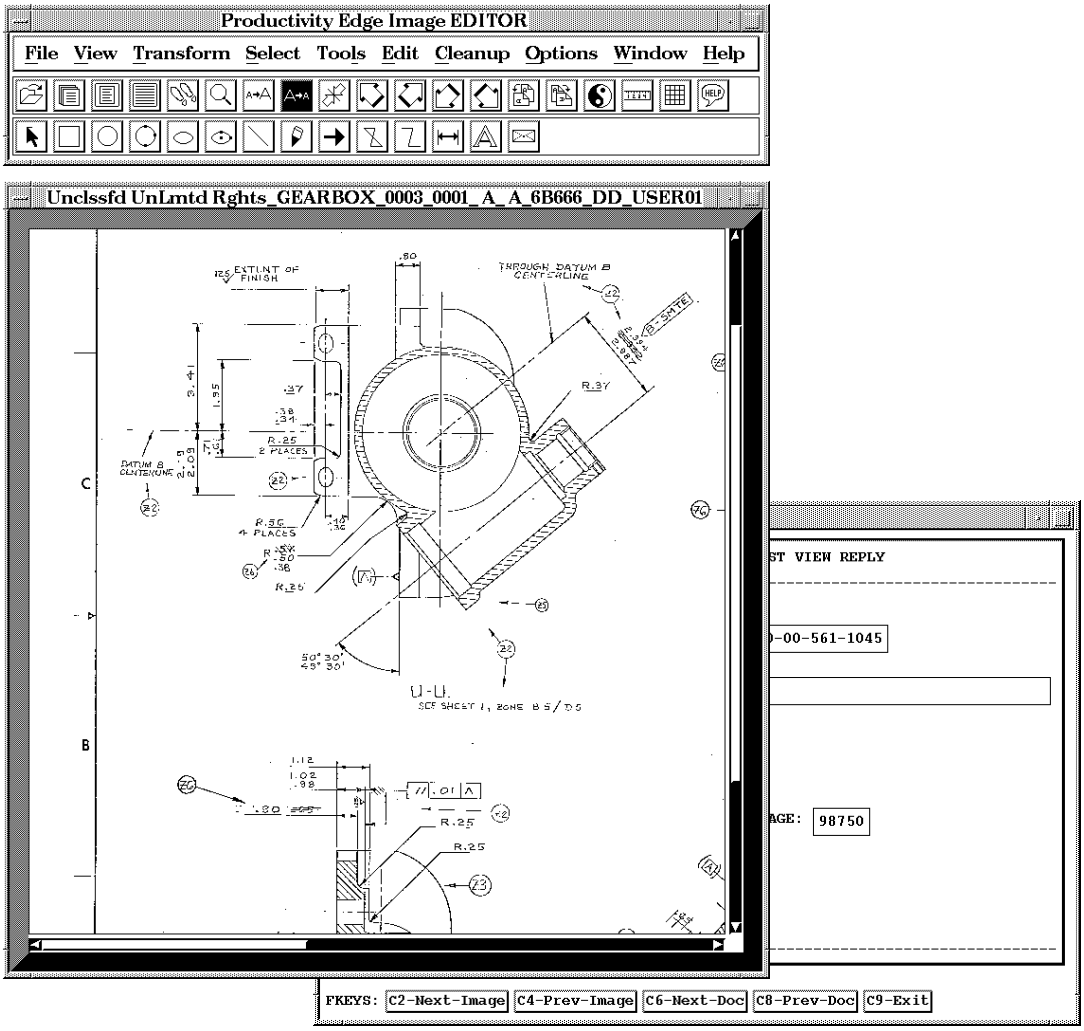

Figure 160.—Viewing from the Bidset Package Interrogation/Request View Reply Screen

If the desired bidset exists in the database, and at least one of its corresponding documents has at least one sheet in the database and on an online platter, the screen will indicate if any document(s) or sheet(s) are missing. The sheet's image will be displayed in the Editor or Viewer window, along with a description of the document's sheet. This image cannot be edited; it is for viewing only.

d. Select **C2-Next-Image** or **C4-Prev-Image** to view additional images of this document. Select **C6-Next-Doc** or **C8-Prev-Doc** to view images of other documents in the bidset package.

The `ORC` (Output Routing Code) and `Comments` fields reflect what was entered in the previous menu, and have no effect when using the V option.

e. Select **C9-Exit** to return to the Bidset Package Interrogation/Request screen.

Printing Documents Related to a Bidset Package

At the Bidset Package Interrogation/Request screen:

a. Enter appropriate data in all fields, except the `Comments` field, which is optional.

b. Select **C2-Process** to display the Output Request Job Identifier Results screen.

c. If one of the above fields was entered incorrectly, then an informational message will be displayed. Otherwise, the system processes the request and attempts to output all sheets for the given bidset. If at least one sheet was output, or attempted to be output, then the Output Request Job Identifier Result screen is displayed, indicating the Job ID of the sheets that were output. If a given device was not requested, then its Job ID will indicate not requested (for example, if the Media Required Code is H, then the Job ID for the Aperture Device will indicate not requested).

d. The reports that are printed automatically are (1) a shipping list of all documents whose sheets exist in the database and on a platter, and were output (if applicable); (2) an exception report of valid transactions that were not processed for the reason printed on the report (if applicable).

6.3 Bidset Query by Document Number

The Bidset Package Interrogation by Document Number function lists Bidset Package Identifiers associated with a JEDMICS Document Number Identifier.

From the Bidset/Document Interrogation/Request Main Menu screen:

a. Select **C6-Number** to display the Bidset Package Interrogation by Document Number screen. This screen allows you to identify bidset package numbers containing a specific document.

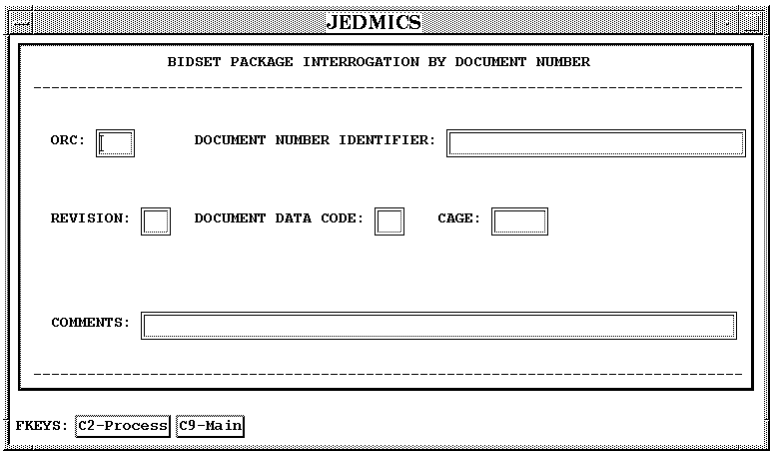

Figure 161.—Bidset Package Interrogation by Document Number Screen

b. Enter the Document Number Identifier, Drawing Revision, Document Data Code, and CAGE.

c. Select **C2-Process** to display the Bidset/Package Interrogation by Document Number Reply screen. If the document is not in permanent storage, a message will be displayed indicating that the document was not found. A list of Bidset Package Identifiers related to the Document Number Identifier will then follow.

d. From the Bidset/Package Interrogation by Document Number Reply screen, select **C2-Next-Image** or **C4-Prev-Image** as required.

e. Select **C9-Exit** to return to the Bidset Package Interrogation by Document Number screen.

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Appendix A.—JEDMICS Field Descriptions

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Included alphabetically in Appendix A are descriptions of all data fields encountered when using a workstation. Where more than one description is applicable, they are given with appropriate reference.

Field Name	Description
# of Frames # of Frms	See Number of Frames.
# of Shts # Shts	See Number of Sheets.
Acc Kind or Acc Knd	A two-character field that describes the type of accompanying document, for example, AD for Addendum.
Acc Num	See Accompanying Document Number.
Acc Rev or Acc. Revision	A two-character field that shows the revision level of an accompanying document. If the revision level is a single character, the field gets space filled.
Accompanying Document Number	A 32-character field that identifies an accompanying document. Should NOT be the same number as the base document number.
ACO Open Fields	On the Output Queue Detail Information screen, three fields, labeled 1, 2, and 3, that contain alphanumeric codes that are to be included on H type or T type aperture cards when they are printed. The codes are specified when a user places a job in the print/plot queue.
Action(s) allowed	Lists the actions allowed with the current report.
AD	A one-character field that, when filled with an X, shows that a document listed on the Output Queue Detail Information screen is an accompanying document.
All Accomp Rev Doc’s	A one-character field that, when selected, indicates that all revisions of accompanying documents for a base document should be added to the data set or drawing map. Values are X or null.
AOL or AOL Set	Acquisition Ordering List Set. Specifies that the repository data set is intended for use in the acquisition process.
Aperture Card Output (ACO) Device	Allows the user to select the ACO device to be used for a bidset output. (TISCA)
Aperture Card Output (ACO) Max Qty	A two-character numeric field that lets a user select the number of aperture cards to be output.
Aperture Device ID	An alphanumeric field that specifies the device code for the aperture card output device, for example, ACO2. (TISCA)
APL	An alphanumeric, 35-character, left-justified field that shows the Navy’s Weapon System Allowance Parts List reference number.

Field Name	Description
Archive Mode	For ACO output only, specifies whether the output is for archive purposes. If Yes (Y), the image film is washed twice to increase storage life.
Assoc SW	A one-character Y (yes) or N (no) flag that identifies whether there is any software associated with the index record and drawing.
Auto Print Flag, Auto Print, or Auto Prt	A one-character Y (yes) or N (no) flag that determines whether the report is to be printed automatically after it is generated. (MRS) (SMS)
Available Fonts	Lists by number (1-10) the fonts available for use in reports.
Bad Hollerith	A QA flag status setting that falls under the Bad Hollerith Check category. This check is performed by the MDS server program "Pendparser," which parses the Hollerith data for the image file and stores the appropriate index data in the IMS_PENDING database table. Pendparser applies a set of Hollerith Checking rules against the Hollerith data, based on the scan mode used to scan the image. If any violations exist, the Bad Hollerith QA flag is set.
Bad Hollerith Current	Reports the total number of current records in a batch designated as Bad Hollerith.
Bad Hollerith Scanned	Reports the total number of scanned records in a batch designated as Bad Hollerith.
Banner Page	A Y (yes) or N (no) flag that specifies whether to print a banner card or page for a specified output device. The default is N (no). (MRS) (SMS)
Base Cage	The CAGE code of the base document.
Base Doc Type	The document type of the base document.
Base Document Number	The base drawing number for an image with accompanying documents.
Base DRev	A two character field that displays the base document's drawing revision when accompanying documents are retrieved and displayed.
Base Dwg #	The base drawing number for an image with accompanying documents.
Base Rev	The revision level of the base document.
Base Type	The type of document used as the base document. See also Document Type.
Batch Control Number, Batch Ctl Num, Batch Ctl Number, or Batch Ctrl #	A nine-character numeric field that shows the unique number that was assigned to a batch of data when it was input into JEDMICS. While data is in pending it is retrieved using the batch control number (BCN).

Field Name	Description
Batch Status	A four-character data field that identifies the status of pending index records.
Batch Status Count	Reports the number of records in a batch that have a given status.
BCN	See Batch Control Number.
BCN Seq	BCN sequence number. As a batch of images is input, a sequential number is assigned to each image within the batch.
Bidset Package	In TISCA, a field that displays the national stock number (NSN). Thirteen digits plus three hyphens; for example, 4710-00-826-2743.
Blurred	A QA Flag status setting that falls under the Focus Check category. This QA check, performed on the scan controller, involves selecting one “typical” tile from an image file. This tile is one that has a compression ratio equal or close to the compression ratio of the entire image. The tile is analyzed to determine if a Blurred QA flag is to be set.
Blurred Current	Reports the total number of current records in a batch designated as Blurred.
Blurred Scanned	Reports the total number of scanned records in a batch designated as Blurred.
Break or Brk	A Y (yes) or N (no) flag that defines whether or not a report should show a line break on a particular column. (MRS)
CAD Information or CAD Info	Identifies if there is Computer Aided Design (CAD) information for the index records and drawing.
CAGE Code, Cage, CAGE, Cag, or Cge	A five-character field that identifies the Commercial and Government Entity (CAGE) code. Used with the drawing number, it identifies the specific manufacturer, government agency, or activity associated with the drawing. (DRRS) (SMS) (TISCA)
Can Queue (Y/N)	A Y (yes) or N (no) flag that lets a user update the queue status, for example, by cancelling or suspending output. (MRS) (SMS) (DRRS)
Cancelled	A one-character field for selecting an output job with a status of cancelled. Values are X or null.
Card Type	For ACO output only, identifies the type of card to be produced. Types include: A, H, T
Column or Col	A two-character field that shows the report column number. (MRS)

Field Name	Description
Column Name	(1) The alphanumeric field of up to 35 characters that identifies the data type of the column. (MRS) (2) The alphanumeric field of up to 16 characters that identifies or describes a column in a report. (MRS)
Comments	(1) Extra user-provided information about a data set. (2) A one-character field that indicates if there are comments. Values are Y (Yes) or N (No).
Complete or Complt	Indicates whether or not all sheets and frames for a multisheet drawing are in the database. Values are X or null. (RDRT)
Content or Content Code	A six-character field that describes the data in the file type without referring to the format of the data.
Content Description	An alphanumeric field that further describes the content code when adding a file type to JEDMICS.
Control Code	Identifies the control activity code of the engineering data repository that maintains the official record copy of the data. See Glossary for valid codes. (MIL-HDBK-331D)
Create Export Report File	A Y (yes) or N (no) flag that specifies whether or not an export report should be created. (Index Export)
Create Import Report File	A Y (yes) or N (no) flag that specifies whether or not an import report should be created. (Index Import)
Create NIOF Image or Creat NIOF Images	A Y (yes) or N (no) flag that specifies whether the system should create an NIOF (No Image On File) index record for an image that will not be stored in JEDMICS. (Index Import)
Ctrl Code	See Control Code.
Current Record Count	A numeric field that indicates the number of image index records in a batch at the time of query.
Data Code	See Document Data Code.
DataSet Identifier or Data Set ID	See Identifier.
Data Set Size or DataSet Size	The number of documents in a repository data set.
Data Type	An alphabetic field of up to six characters that identifies the data type of a column. There are three data types: numeric, alphanumeric, and date. (MRS)
Date Created	The nine-character alphanumeric field that shows the date the file was created. (MRS)
Date of Entry	The date on which a job was entered into the print/plot queue.

Field Name	Description
Date of Last Maintenance	A system-provided date that indicates the last time the bidset was loaded or modified via the maintenance function. (TISCA)
Date/Time Group or Date/Time	System-created date and time stamp established at the time of a data set's creation. Together with the Identifier, uniquely identifies a data set. (RDRT)
Date Queued	A one-digit field on the Output Queue Utility screen that is used to specify the order in which print/plot jobs are to be shown when the jobs in the output queue are listed on the Master Job Information screen. Values are 1, 2, 3, and 4.
Day to Run or Day	A one-character field that shows the day of the week on which a report is to be run automatically. Values are 1 (Monday) through 7 (Sunday). (MRS)
Dc Rv	See Document Revision.
Default Replacement Value or Default Value	The default value used when you accept the values displayed on the macro screen without entering a new value. (MRS)
Delete Flag	Reports whether the job item in the queue is designated as deleted.
Delete Index Records from Data Base	A Y (yes) or N (no) flag used to delete index data for images being exported from JEDMICS. (Index Export)
Delete Status	Reports the delete status of a job item in the queue.
Deleted	The number of records/images that have been deleted from a batch.
Description	(1) A 30-character alphanumeric field that provides an explanation of the device group being established. For example, "research-related device." (SMS) (2) An alphanumeric field of up to 60 characters that provides a complete description of the selected database table. (MRS) (3) A 35-character alphanumeric field that provides a description of the frequency setting. (MRS) (4) Any optional field that provides a brief description of a repository data set. (RDRT)

Field Name	Description
Dest Flavor	An alphanumeric field that identifies the target environment where data is used when defining a file type. Sample values include: Neutral IGSSGML IGAUTCAD Autotrol Excel/WIN Excel/MAC Lotus 123 Interleaf FrameMaker
Dest. Description	An alphanumeric field that further describes the target environment when defining a file type.
Diff (Scan Index)	The difference between the number of images scanned and the number of images indexed in a batch control number.
Distribution Statement, Distribution, Distrib Stmt, Distr, DISTR, Dist Stmt, or Dist	A field that shows the distribution statement code, which specifies a document's availability for distribution, release, and disclosure without additional approvals. Values for the distribution statement codes, which are based on the DoD Directive 5230.24 and MIL-STD-1806, are as follows: A—Unlimited B—U.S. Government Agencies Only C—U.S. Government Agencies and Their Contractors D—DoD and DoD Contractors Only E—DoD Components Only F—Commander-Approved Parties X—U.S. Government Agencies and Certified Contractors
Do Duplicate Checking	A one-character field that asks JEDMICS to check for duplicate records. (Index Import) The valid values are as follows: F—full I—import N—none
Docset Identifier	See Identifier.
Document Data Code or Doc Data Code	A two-character alphabetic field that identifies the type of document. (TISCA)
Document Number, Document Num, or Doc Num	The alphanumeric identifier assigned to a document. May be up to 32 characters and include dashes (-) and certain other punctuation, including spaces. (DRRS)
Document Number Identifier	(1) In TISCA, a field that displays the national stock number (NSN). (2) Elsewhere, the same as Document Number.

Field Name	Description
Document Revision, Doc Rev, or Doc Rv	A two-character field that shows the revision number of the drawing or document.
Document Type, Doc Type, Doc Typ, or Doc	An index record field of up to three characters that identifies the type of document. Can be null. Common document types include: 1N—Revision Notice DL—Data List EL—Equipment List GL—Gauge List IL—Index List ML—Material List PL—Parts List RL—Running List WL—Wiring List
Drawing Number, Drawing No, Drawing Num, Drawing, Dwg Num, or Dwg Number	The alphanumeric identifier assigned to a drawing. May be up to 32 characters and include dashes (-) and certain other punctuation, including spaces.
Drawing Rev Date or Dwg Rev Date	The date associated with a revision of a drawing.
Drawing Revision, Dwg Rev, or Dwg Revision	A two-character field that identifies the revision level of the drawing. Single-character revisions are right justified and blank filled.
Drawing Size or Dwg Size	A one-character field that identifies the sheet size of the drawing. Sizes include: A—8½ x 11 Inches B—11 x 17 Inches C—17 x 22 Inches D—22 x 34 Inches E—34 x 44 Inches F—28 x 40 Inches G—11 x 90 Inches H—28 x 143 Inches J—34 x 176 Inches K—40 x 143 Inches R—All other sizes
Dwg#	See Drawing Number.
Dwg Chg Date	The date on which index data related to the entire drawing was last changed. (DRRS)
Dwg Chg Userid	The user ID of the person who last made changes to drawing level index data.

Field Name	Description
Dwg Number, Dwg Num, Dwg #, or Dwg#	See Drawing Number.
Dwg Rev Date	See Drawing Rev Date.
Dwg Revision, or Dwg Rev	See Drawing Revision.
Dwg Size or Dwg Sz	See Drawing Size.
Drawing Title or Dwg Title	A 40-character field for the title of the drawing.
Enable YB1 Processing	A one-character alphabetic field that updates the YB1_DWG_REV table with each new drawing revision added to JEDMICS. (fastload) (Index Import)
End Date	The month, day, and year of the bidset package being reported on.
Equip/System	Identifies the equipment and system.
Error Number	Reports the error number of a job or job item in the queue.
Execute Date	A nine-character date field that indicates the date the report is to be generated (run).
Execute Time	A five-character field that indicates the time the report is to be generated (run).
File Ext	A three-character field that identifies the file extension for a specific file type being added to JEDMICS, for example, C4 or PCX.
File Type	(1) A numeric designator assigned to each different electronic file format, for example, 1 designates a raster file format. (2) (In RDRT) The value in this field will be populated from the database with the destination flavor of the file format. If there is no destination flavor it will be populated with the source flavor. If there is neither a destination flavor nor a source flavor in the database, the field will be populated with the file format.
File Type Comments	A 256-character text field that further describes the file type being added. (SA) (Index Import)
Flat File to load	The full path and file name of a pull file (also known as a flat file) that is to be automatically loaded into a repository data set.
Font Code	The code of the font to be used in the report.

Field Name	Description
Font Number	A numeric field of up to three characters that specifies the font to use when printing a report.
Foreign or Foreign Secure	A one-character alpha field used to identify whether the document, drawing, or image contains foreign secure information. Values are Y (Yes) and N (No). The default is N.
Format or Format Code	A four-character field that shows the electronic file format of the drawing, image, or document. Format codes include: RSTR—raster EXT—external to JEDMICS NIOF—no image on file IGES—initial graphics exchange specification CGM—computer graphics metafile SGML—Standard Generalized Markup Language ASCI—ASCII text OFFL—offline BIN—binary RFT—Rich Text Format
Format Description	An alphanumeric field that further describes the format code.
Fram Num, Fram Number, Frame, Frame #, Frame Num, Frame Number Fram Nmbr, or Frm Num	A four-character field that identifies the frame number of a frame in a multiframe drawing or sheet. Zero filled, right justified.
Frequency or Freq	An alphanumeric field of up to five characters that specifies how often to generate a report. For example, WKLY (weekly). (MRS)
Group	A four-character field that identifies ship class (if applicable).
Group ID	An alphanumeric field that identifies the JEDMICS platter group.
Hardcopy Device ID	An alphanumeric field that specifies the output device, for example, HSP1, when printing a document associated with a bidset.
Has Acc Doc, Has Acc, or Has AccDoc	A one-character field that indicates if a drawing has accompanying documents. Values are X or null.
Highest Accomp Rev Doc or Highest Accomp Rev Doc's	A one-character field that, when selected, indicates that only the highest revision of an accompanying document for a base document should be added to the data set or viewed by drawing map. Values are X or null.

Field Name	Description
Highest Revision, Highest Rev, or Hi Rev	A two-character field that identifies the highest current revision for a given drawing.
Highest Rights, Hi Rights, or HR	A one-character field that identifies the highest among all of the rights assigned to the documents within the displayed data set.
Hi Rts	A one-character field that identifies the highest rights of a document within a data set.
HSC	Identifies the Hierarchical Structure Code (HSC) number.
Id	See Identifier.
Identifier or Identifier Number	A field of up to 32 characters that contains the "name" of the data set provided by the user creating the set. Together with the Date/Time Group, uniquely identifies a data set.
Idx Chg Date	The date on which sheet- and subsheet-specific index data was changed.
Idx Chg Userid	The user ID of the person who last changed sheet- or subsheet-specific index data.
Img Chg Date	The date on which a specific image was changed.
Img Chg Userid	The user ID of the person who last changed a specific image.
IMS Device	Reports the IMS device of a job item in the queue. (Index Import)
IMS Filename or IMS File Name	Identifies the image filename and location. (Index Import)
IMS Filesize or IMS File Size	Reports the size of the image file. (Index Import)
IMS Node	Allows the user to identity the server or terminal on which the requisite image file resides, for example, odms1. (Index Import)
IMS Volume	Reports the volume of the image file.
In Date	An alphanumeric field that shows the date on which an index record and drawing were input into JEDMICS. Uses the format DD-MMM-YY.
In Device Code	A three-character numeric field that identifies the type of device used to scan in (input) an image.
In Device Type	A six-character alphanumeric field that identifies the type of device (for example, HSACS) used to scan an image.
Indexed (NSCN) or Indexed NSCN	The number of images in a batch that have the status NSCN (newly scanned).

Field Name	Description
Interested Activities	The originating DLA site of TISCA YB1 input data.
IQ Device	The device from which a job was entered into the queue.
Is Acc Doc or Is AccDoc	Indicates whether or not the retrieved drawing number is an accompanying document. Values are X or null.
Job ID or Jobid	A numeric field used to identify a job being exported. Reports the number of the job in the output queue.
Last Access	The system-generated date that shows when a repository data set was last accessed.
Last Change Date	The last date on which an image/index data drawing record was changed.
Last Change Userid	The user ID of the last person to update the current drawing record.
Last ODMS Date	The system-generated nine-character alphanumeric date on which the image was last migrated to ODMS.
Line Spacing	Specifies the spacing to be used while printing. The default is 1.
Load Date	The date on which a pull file was batch loaded into JEDMICS, used when querying for batch loaded repository data sets. The format used is DD-MMM-YY:HH:MM:SS.
Make Remarks	A Y (yes) or N (no) flag that determines whether a user can enter remarks/comments on the banner page of output. The default is Y.
Master Location	The 30-character field that identifies the master location of the drawing.
Max Images per Batch	A numeric field that specifies the maximum number of images to be included in a batch. The default is 25. (TISCA)
Max Images to Reserve	Used when specifying criteria for reserving the pending data on which quality assurance procedures will be performed.
Media Required Code	A one-character alphabetic field used to select the appropriate media for bidset output. Valid entries are: A—Aperture card B—Both H—Hardcopy V—View L—List
Migrated	The number of records in a batch that has been migrated to optical storage and image indexes.
Mod By	A system-updated field that identifies the name of the user who last modified the displayed data set.
Model/Device	Identifies the model and device.

Field Name	Description
Modified On	The system-generated date on which the repository data set was last modified.
Modifier	A system-delivered identification of the user who last modified a data set.
N	(In Drawing Map) See Foreign Secure and Nuclear Content.
No of Copies or No. Cpys	The number of copies of the job to be printed.
No. of Items or No. Itms	The number of items within a job to be printed.
Node ID	The nodename and number designation of a device connected to JEDMICS. This includes an alpha-character identifier and a number. For example, egdw6 and dicw69.
NoF	See Number of Frames.
Nomen	Identifies the nomenclature.
NSN	A 13-digit code identifying the National Stock Number of a part or a piece of equipment.
Nuclear Content	Identifies index records and drawings with a nuclear content. If Yes (Y), only authorized users will be able to access the index records and drawing. The default is N.
Num Frms	See Number of Frames.
Num of Shts	See Number of Sheets.
Num Shts	See Number of Sheets.
Num Sheets	See Number of Sheets.
Number Copies or Number of Copies	The numeric field of up to three characters that specifies the number of copies to be printed. (MRS)
Number of Documents	A numeric field of up to six characters that identifies the number of documents in a specific repository data set on a specific batch load date. (RDRT)
Number of Frames or Num Frms	A four-character field to identify the number of frames in a sheet. Zero filled, right justified.
Number of Images	(1) A four-digit field that shows the number of images in a batch. (SA) (2) A numeric field of up to six characters that identifies the number of images in a data set on a specific batch load date. (RDRT)
Number of Sheets, Num Sheets, Num of Shts, or Num Shts	A four-character field that identifies the number of sheets in a multisheet drawing or document. Zero filled, right justified.

Field Name	Description
ODMS Fastkey	Reports the ODMS Fastkey of a job item in the queue.
ORC	A three-character field for Output Routing Code. (TISCA)
Orientation	A one-character alphabetic field that identifies the layout orientation of the output. Choices are Landscape (L) and Portrait (P).
Originator	The user ID of the creator of the repository data set.
Output Device	The designated output device for a job in the print/plot queue.
Output Directory Naming Method	A single alpha character, P or J, to identify whether the repository data set identifier is to be included with the job ID. P means PRON and job ID; J means job ID.
Output Remarks	Displays any output remarks included with the job in the queue.
Output Route Code	Indicates to whom the output for TISCA YB8 input data transactions should go.
Override Flat File Drawing Revision or Override Flat File Dwg Rev	A Y (yes) or N (no) flag that gives the user the option to determine revisions at batch load time. System default is N (No). (RDRT)
Override Scan Size	The five-character alphanumeric field that specifies a user-input image size.
P	(1) On the Drawing Map Detail (SELECT) screen, a one-character field that is selected with an X to show which sheets or frames of a drawing are to be plotted. (2) On the Master Job Information (BRWSE) screen, see Priority.
Paper Size	For hard copy output only, identifies the paper size. Choices include: A—8½ x 11 inches B—11 x 17 inches C—17 x 22 inches
Parent CAGE or Parent Cage	A five-character field that shows the CAGE identification of the parent drawing. See also CAGE.
Parent Dwg #	The drawing number of the parent drawing. See also Drawing Number.
Part #	The specific part number.
Partlist Ref	The parts list reference.

Field Name	Description
Password	The user password. Each user is assigned a password, which may be changed using the Change Password option at the JEDMICS Main Menu. A password must: • not contain two sequentially repetitive characters • be six to eight characters in length • contain at least one number and letter • be different from the old password • not contain any special or punctuation characters • not contain any blanks
Path	The directory path; used to inform the GOS utility where to place the job items being processed for output. The default value is retrieved from the environment variable GOS_DEFAULT_DIR.
Perform YB1 processing	A Y (yes) or N (no) flag used to specify whether or not to perform YB1 processing. (Index Imp)
Permission	Set by the creator of a data set. Determines to what level other users can modify a data set. Values are: Public—can be modified by any user (Default) Protected —can be modified by the creator and any user with the same class Private—can only be modified by the user who created it Locked—cannot be modified by any user, including the creator, but can be unlocked by the creator
Physical Location	A field of up to 30 characters that describes the location of an offline platter or a drawing not stored in JEDMICS.
Platter ID	A 10-character field that names the platter to import/export.
Plot DataSets	When plotting using the generic output service (GOS) utility, a one-character field on the Plotter Parameter Entry Form screen. When this field is selected with an X, the GOS output will contain one index file, plus information about the structure of the data set or sets that are being output. It will not contain actual images. See also Plot Images.
Plot Images	When plotting using the generic output service (GOS) utility, a one-character field on the Plotter Parameter Entry Form screen. When this field is selected with an X, the GOS output will contain one index file, plus one image file for each of the images in the document or data set selected for output. See also Plot DataSets.
Poor Compression	A QA flag status setting that falls under the Compression Check category. This check, performed on the scan server, checks the size of each tile in an image. If at least one of the tiles has a size greater than 16KB (50% of the size of an uncompressed tile, which is 32KB), the Poor Compression QA flag is set.

Field Name	Description
Poor Compression Current	The total number of current records in a batch designated Poor Compression.
Poor Compression Scanned	The total number of scanned records in a batch designated Poor Compression.
Print Device or Print device	An alphanumeric field that identifies which network printer or plotter to use.
Print Sequence	A numeric field of up to two characters that shows the order in which columns are to appear on a report.
Printer	The name of the network printer chosen for output.
Printer Output Device	Allows the user to select the output device to print a bidset output request. (TISCA)
Priority or Pri	A two-character numeric field that identifies the order in which print/plot jobs are to be processed. Priorities range from 1 (low) to 10 (high).
Pull File Number, Pull F Numbe, or PullFl Number	An alphanumeric field of up to eight characters that identifies a pull file (flat file) that was batch loaded into JEDMICS. Used when querying for batch loaded repository data sets. (RDRT)
QA Failure	A QA flag indicating unspecified result of automatic QA during image scanning.
QA Failure Current	The total number of current records in a batch designated QA Failure.
QA Failure Scanned	The total number of scanned records in a batch designated QA Failure.
QA or Scan Quality	A one-character Quality Assurance or scan quality flag.
Quantity Required	A two-digit field used to specify the number of copies needed either when printing out one document associated with a bidset package, or when printing out all of the sheets in an entire bidset package. (TISCA)
Queue Date	The date on which a print/plot job was entered into the queue.
Queue Mode	The mode of the job in the queue. Modes can include Print.
R	(In RDRT) See Rights.
Random Selection of Images	Reserve method used to select a random selection of images in Pending Data Integrity Control.
Remark or Remarks	User-entered remarks for the current print job. These remarks are displayed when the jobs in the Job Queue Utility are viewed.
Report accessible	The name of the report that is currently accessible.

Field Name	Description
Report Name	The name of the system-provided reports available within RDS Batch Load functions.
Revision or Rev	Identifies the revision level of a document.
Rev Date	A date field that identifies the date of the drawing revision.
Rights or Rts	The one-character alpha field that identifies user access rights to a document or image. Choices include: G—Government Data U—Unlimited Rights Data L—Limited Rights Data P—Proprietary Data K—Limited N—Limited R—Limited S—Limited T—Limited X—Limited Y—Limited Z—Limited
Run Import	A single Y (yes) or N (no) field. (Index Import)
S	(1) (In Drawing Map) See Safety/Sbmr. (2) (In RDRT) See Security.
Safety/Sbmr	Identifies safety-related drawings for submarines. If Y (yes) only authorized users will be able to access the index records and images.
SC or Sc	(In Drawing Map) See Security.
Scale	Indicates whether the job is to be scaled.
Scale Drawing	For hard copy output only, specifies whether to print to scale. The typical selection is Yes (Y).
Scanned	The number of scanned drawings within a batch.
Schedule Id or Sched Id	A numeric field of up to four characters that uniquely identifies the scheduling of a system-generated report.

Field Name	Description
Security	A one-character field for the code representing the security classification of the drawing or document. The 11 MIL-STD-804B codes are: N—Unclassified C—Confidential M—Confidential - Modified Handling Authorized S—Secret T—Top Secret E—Confidential Restricted Data F—Secret Restricted Data G—Top Secret Restricted Data H—Confidential - Formerly Restricted Data J—Secret - Formerly Restricted Data K—Top Secret - Formerly Restricted Data
Security Level	The security level of the job item in the print/plot queue.
Select every *n* Images	Reserve method setting the frequency of images to be chosen for Pending Data Integrity Control.
Select QA Flagged Images	Reserve method that identifies and reserves all pending data images that have any QA Flag indicator present.
Sequence Number, Seq No, Seq #, or Seq	(1) The reserve criteria sequence number. (2) The order of a job item within a job queue. (3) The sequence number of a pending image within a specific batch.
Sheet Number, Sheet Num, Sht Num, Sheet #, or Sht #	A 12-character field that identifies the sheet number of a multisheet drawing. Upon input of an alphabetic or numeric sheet number, the field is zero filled and right justified.
Sh Rev, Sh Rv, Sheet Revision, Sheet Rev, or Sht Rev	Identifies the revision level of one sheet within a multisheet drawing. Single-digit values are right justified and space filled.
Ship Type/Hull #	The nine-character drawing field that identifies the naval ship and hull type, if applicable. Ship type is trimmed of leading spaces, left justified, and padded with trailing spaces up to four. Hull number is left justified and leading spaces are zero-filled to four spaces.
Site Code	A six-character alphanumeric field that is automatically populated with the code from a site's configuration file.
Site ID	A field of up to eight alphanumeric characters that designates the host nodename at log on time.
Size	A one-character alpha field that indicates the drawing size.

Field Name	Description
Sort Sequence	A two-digit field that specifies how selected report data is to be retrieved/ordered.
Source Description	An alphanumeric field that further describes the source environment.
Source Flavor	A field of up to four characters that identifies the "flavor" of the file format in the source environment where the image was created. For example, C4 is a source flavor of the raster file format.
Source Platter	An alphanumeric field that identifies the source platter for index import. (Index Import)
SRev	See Sheet Revision.
SSheet	See Sub Sheet.
St Rv	See Sheet Revision.
Start Date	The beginning month, day, year of the bidset package being reported on.
Statistical Sample	Reserve method to select a statistical sample of images. Identifies all pending data images with a clear QA Flag status, that is, no QA Flag indicator is present.
Status	(In RDRT) The status of the repository data set. Values are In Process or Complete.
Status or Stat	(In Pending) The field of up to four alphanumeric characters that identifies the current status of a record. Choices include: CONV—Convert DBER—Database Error DEL—Delete DUPL—Duplicate ELEC—Electronic HOLD—On Hold INPR—In Process IOER—Input-Output Error NBD—No Base Document NHOL—New Hollerith NREV—Newly Revised NSCN—Newly Scanned OVWR—Overwrite QACP—QA Complete REJT—Rejected RORD—Re-order RREL—Ready to Release RSCN—Rescan RSRV—Reserved
Status: Cancelled	Specifies the inclusion of reports marked Cancelled.
Status: Completed	Specifies the inclusion of reports marked completed.

Field Name	Description
Status: Error	Specifies the inclusion of reports marked Error.
Status: Held	Specifies the inclusion of reports marked Held.
Status: Queued	Specifies the inclusion of reports marked Queued.
Status: Stalled	Specifies the inclusion of reports marked Stalled.
Status: Working	Specifies the inclusion of reports marked Working.
Status Codes: Dwg	Indicates the drawing is not a duplicate. Set during fastload. The value in this field should be N.
Status Codes: Img	Identifies whether an image is a duplicate (D) or not (N). Applies to images brought into system via fastload.
Status Date	Reports the date of the scheduled report's current status. The format is DD-MMM-YY.
Status Time	The five-character field that reports the time of the scheduled report's current status.
Sts	See Status.
Sub Safe or Subsafe	A Y (yes) or N (no) flag used to show whether the user is permitted access to drawings that contain safety critical equipment for submarines. The default is N. (SMS)
Sub Sh, Sub She, Sub Sheet, Sub-Sheet, or Sub Sht	A three-character field that identifies the sub sheet of a multisheet drawing. Zero filled and right justified. For accompanying documents, this field must equal the base document drawing revision of the document that the accompanying document is associated with.
Superceded by Drawing or Superceded by Dwg	A 22-character field that identifies the drawing superceding the current drawing.
Table Name, Table Names, or Table	The alphanumeric field of up to 20 characters that identifies the name of the ORACLE database table used in a report.
Target Platter	An alphanumeric field that identifies the target for index import. (Index Import) See also Source Platter.
Time Created	The five-character alphanumeric field that identifies the time the batch was created.
Too Dark	A QA flag status setting that falls under the Light/Dark Check category. This check, performed on the scan server, analyzes a "typical" tile to see if the ratio of white-to-black bits is below a certain threshold. If so, the Too Dark QA flag is set.
Too Dark Current	The total number of current records in a batch designated Too Dark.

Field Name	Description
Too Dark Scanned	The total number of scanned records in a batch designated Too Dark.
Too Light	A QA flag status setting that falls under the Light/Dark Check category. This check, performed on the scan server, analyzes a "typical" tile to see if the ratio of white-to-black bits is above a certain threshold. If so, the Too Light QA flag is set.
Too Light Current	The total number of current records in a batch designated Too Light.
Too Light Scanned	The total number of scanned records in a batch designated Too Light.
Tot Imgs	See Total Images.
Total DataSets	A field in the Batch Load Summary report that displays the total number of data sets in a specific pull file.
Total Flags Current	The total number of current records in a batch that are flagged.
Total Flags Scanned	The total number of scanned records in a batch that are flagged.
Total Images, TotImages, or Tot Imgs	The total number of images of a document revision presently in a data set. Useful to check before plotting.
Typ	An alphabetic field that identifies the document type for the associated drawing record. Possible options include the following: ALT—Alternation Number BID—Bidset identification Number CTN—Contact Number ECN—Engineering Change Notice JOB—Job Order Number MOD—Modifying Drawing ID SUP—Superseded Drawing ID TDN—Technical Document TVD—Technical Variance Document
Type/Hull	See Ship Type/Hull #.
Unit ID	A five-character field that identifies the unit number assigned to an activity.
Unsure	A QA flag status setting that falls under the Focus Check category. This QA check, performed on the scan controller, involves selecting on "typical" tile from an image file. This tile is one that has a compression ratio equal or close to the compression ratio of the entire image. The tile is analyzed to determine if an Unsure QA flag is to be set.

Field Name	Description
Unsure Current	The total number of current records in a batch that are designated Unsure.
Unsure Scanned	The total number of scanned records in a batch that are designated Unsure.
Use Previous Reserve Method	Reserve method specifying the use of the previously used reserve method for Pending Data Integrity Control.
User ID or User Id	The identification code for a JEDMICS user. This alphanumeric code may be up to eight alphanumeric characters and must include at least one number. User ID is set by the security administrator or the system administrator. Field filled by system based on the user ID entered at login.
User Name	See User ID.
User Remarks	Displays any user-entered remarks for the job or job item in the queue.
V	On the Drawing Map Detail (SELECT) screen, a one-character field that is selected with an X to show which sheets or frames of a drawing are to be viewed.
Valid DataSets	A field that depicts statistical data for the Batch Load Utility (Batch Load Summary Report).
Valid Images	A field that depicts statistical data for the Batch Load Utility (Batch Load Summary Report).
Verification	A six- to eight-character field in which a user is required to enter a password a second time in order to verify it.
Version Code	A 12-character field that identifies the version of the destination flavor.
Weapon System Code, Weapons System Code, Weap Sys Code, WpnSys Code, or WSC	The Weapon System Code related to the referenced repository data set.
Weapon System Version, Weap Sys Version, Weap Sys Ver, or WpnSys Version	The Weapon System Version related to the referenced repository data set.
WSC Indicator	The number of Weapon System Codes associated with this record. Values are: None Only (one code associated) Many (more than one code associated)

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Appendix B.—Glossary of Terms

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Appendix B provides a comprehensive list of terms and definitions used throughout JEDMICS.

Numerics

804B	A scan mode that inputs the Hollerith data strictly in accordance with MIL-STD-804B.
804C	Military Standard for Formats and Coding of Aperture, Camera, Copy, and Tabulating cards. Supersedes MIL-STD-804B.

A

ACC	A function key abbreviation meaning accompanying documents.
AccMenu	A function key that returns you to the primary accompanying documents screen.
accompanying document	Supplemental technical information that may be required when referring to or using a base document. Cover sheets, disclaimer forms, order sheets, and other listings that relate to or are part of the drawing are considered accompanying documents.
ACO	Aperture Card Output [device]
address	A unique identifier for each station (that is, workstation, server, scanner, printer) on the network.
AddSrcSet	A function key abbreviation meaning add source set.
ADL	Automated Disk Library. The largest JEDMICS optical storage device (jukebox).
ANSI	American National Standards Institute
AOL	Acquisition Ordering List. Field used with the Repository Data Research Tool.
aperture card	A paper card the size of a punch card with a rectangular opening that holds a 35 mm frame of microfilm. Retrieval information can be punched into the card.
API	Application Program Interface
APL	Allowance Parts List
arguments	A value given to a subprogram.

ASCII	American Standard Code for Information Interchange
associated documents	Documents that relate to the base document, such as parts lists or technical manuals.
AUX	Auxiliary drive

B

base document	A drawing or document and all of its relevant sheets or frames.
baseview	The original size of an image. The zoom factor at which an image is initially displayed and at which the panning commands work the quickest. The baseview zoom factor is always 1:1.
batch	A group of records or documents considered as a single unit for the purposes of processing.
batch control number	JEDMICS identifies a technical drawing or group of drawings by a unique number. This batch number stays with the group of drawings (or documents) being scanned until they are migrated to permanent storage. After migration they are identified by drawing (or document) number.
batch processing	Conducting a group of computer tasks at one time, instead of one at a time. For example, scanning a group of cards or drawings into one batch that is identified by a unique batch control number (BCN).
BCN	Batch control number
BCRB	Baseline Change Review Board
BIOS	Basic input/output system
BOS	Batch Output Server. A software utility that facilitates the export and exchange of data between JEDMICS sites.
BTCH_RPT	A function key abbreviation meaning batch report.

C

CAD	Computer-aided design

CAGE	Commercial and Government Entity. A unique numeric code that is assigned to identify each government and commercial entity.
Calera	Character recognition software that converts raster to ASCII.
CALS	Continuous Acquisition Life-cycle Support; formerly Computer-aided Acquisition and Logistic Support.
Cancl	A function key abbreviation meaning cancel.
CCITT	Comite Consultatif Internationale de Telegraphique et Telephonique. International Telephone and Telegraph Consultative Committee.
CD	Compact Disk. An optical disk on which images are digitally recorded.
CDID	CD image directory
CD-ROM	Compact Disk-Read Only Memory. A read-only optical storage technology that uses compact disks.
CD-ROM disk drive	A read-only disk drive designed to access and read the data encoded on compact disks and to transfer that data to a computer.
CDRL	Contract Data Requirements List
central processing unit	The hardware unit that handles all calculating, routing of input/output, and program execution.
ChkRev	A function key abbreviation meaning check revision.
CIT	Consumable Item Transfer
classification data	Specific identification data associated with each drawing ID that consists of drawing research information and image index information.
click	Press and quickly release the mouse button while the pointer is on an object.
CLIN	Contract Line Item Number
Clr	A function key abbreviation meaning clear.
ClrAll	A function key abbreviation meaning clear all.
ClrFld	A function key abbreviation meaning clear field.
ClrQA	A function key abbreviation meaning clear QA [flags].

Cncl — A function key abbreviation meaning cancel.

compression — A technique for replacing data with compression codes that use less file space; at a later time the original data can be recreated from the compression codes.

console — The part of the computer system that enables the user to communicate with the CPU. It allows the user to start and stop the system, monitor system operation, and run diagnostics.

Control activity codes — Control activity codes are used to identify engineering data repositories that maintain the official record copy of data (camera masters). These codes are based on MIL-HDBK-331D. The field is left justified in accordance with MIL-M-38761/2A. A null or blank entry is also allowed. The valid entries are listed in the following table.

Control Activity Code	Repository
MB	Engineering Data Support Center, Kelly AFB, TX
MC	Engineering Data Support Center, McClellan AFB, CA
ME	Engineering Data Support Center, Hill AFB, UT
MF	Engineering Data Support Center, Tinker AFB, OK
MG	Engineering Data Support Center, Warner Robins AFB, GA
CT	US Army Aviation Systems Command, St Louis, MO
DC	US Army Missile Command, Redstone Arsenal, AL
DF	US Army Tank-Automotive Command, Warren, MI
DG	US Army Information Systems Command, Rock Island, IL
DJ	Harry Diamond Laboratories, Adelphi, MD
DM	US Army Information Systems Command-Dover, Picatinny Arsenal, NJ
DT	Benet Weapons Laboratory, Watervliet, NY
DU	US Army Communications-Electronics Command, Fort Monmouth, NJ
DZ	US Army Chemical Research Development and Engineering Center, Aberdeen Proving Ground, MD
D4	US Army Belvoir Research, Development, and Engineering Center, Fort Belvoir, VA

Control Activity Code	Repository
RH	US Army Natick Research Development and Engineering Center, Natick, MA
RJ	The Institute of Heraldry, US Army, Alexandria, VA
RK	US Army Information System Engineering and Integration Center, Fort Huachuca, AZ
SW	US Army Communications-Electronics Activity, Warrenton, VA
DY	Naval Ship Weapon Systems Engineering Station, Port Hueneme, CA
HR	Newport News Shipbuilding, VA
KJ	Naval Air Technical Services Facility, Philadelphia, PA
KL	Naval Ordnance Station, Louisville, Ky
QG	Portsmouth Naval Shipyard, Portsmouth, NH
QK	Naval Facilities Engineering Command, Alexandria, VA
QM	Atlantic Division, Naval Facilities Engineering Command, Norfolk, VA
QN	Chesapeake Division, Naval Facilities Engineering Command, Washington, DC
QO	Northern Division, Naval Facilities Engineering Command, Philadelphia, PA
QP	Southern Division, Naval Facilities Engineering Command, Charleston, SC
QQ	Mid-Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI
QR	Western Division, Naval Facilities Engineering Command, San Bruno, CA
QS	Space and Naval Warfare Systems Command, Washington, DC
QT	Naval Sea Combat Systems Engineering Station, Norfolk, VA
QU	Naval Research Laboratory, Washington, DC
QV	Naval Training Systems Center, Orlando, FL
RL	Defense Construction Supply Center, Columbus, OH
RM	Defense Electronics Supply Center, Dayton, OH
RN	Defense General Supply Center, Richmond, VA
RO	Defense Industrial Supply Center, Philadelphia, PA
PA	Marine Corps Logistics Base, Albany, GA
PR	PRC JEDMICS

controller	A required computer device that operates a peripheral device. The device in which a peripheral's memory is stored.
CONV	Convert status code
COTS	Commercial off-the-shelf
CPU	Central processing unit
Cpy	A function key abbreviation meaning copy.
CRC	Customer Response Center

D

data	A general term referring to any representation of facts, concepts, or instructions presented in a form suitable for communication.
database	An organized collection of information (data).
data set	Data set and document set are synonymous. Data sets group images for engineering analysis or procurement, or to meet some other technical data reference requirement by referencing permanently stored JEDMICS images.
DBER	Database Error status code
DBMS	Database Management System
decompression	Recreating a raster-format image from the compressed form of the image by decoding the identifiers and the number of repeated dots into the original dot strings. There are as many algorithms for doing this as there are compression algorithms. These algorithms are often implemented in hardware or firmware to improve performance.
default	A value, parameter, attribute, or option that is automatically supplied by the system when another has not been specified.
Del	A function key abbreviation meaning delete.
DEL	Delete status code
destination flavor	Description of the intended use of the data at the destination.
Det	A function key abbreviation meaning detail.

device	The general name for any peripheral connected to the processor that is capable of receiving, storing, or transmitting data. Printers, visual display devices, and plotters are examples of output devices, while scanners are examples of input devices.
Dflt	A function key abbreviation meaning default.
dialect	Hollerith data formats that introduce data fields with unspecified interpretations or that move an existing MIL-STD-804C field to a new field position.
DICW	Data Integrity Control Workstation. A workstation used for quality assurance and editing scanned images.
DID	Data Item Description
DIL	PRC's Digital Image Library
dirimp	A utility used to pull images off of an optical platter and capture the Hollerith information (that is, index data).
distribution	A statement used in marking a technical document or drawing to specify the extent of its availability for distribution, release, and disclosure without additional approvals. Values for the distribution statement codes are based on the DoD Directive 5230.24 and MIL-STD-1806. These codes are: A—Unlimited B—US Government Agencies Only C—US Government Agencies and Their Contractors D—DoD and DoD Contractors Only E—DoD Components Only F—Commander-Approved Parties X—US Government Agencies and Certified Contractors A null or blank entry is also allowed.
Docs	A function key abbreviation meaning [add] documents.
document	A text or image file.
document number	Document number and drawing number are synonymous. See drawing number.
document set	See data set.
DoD	Department of Defense

DOS	Disk Operating System. Usually refers to the program that runs on IBM-PC compatible microcomputers.
double-click	Press and quickly release the mouse button twice in quick succession, without moving the mouse.
dpi	Dots per inch
drag	Point to an object and hold down the mouse button while moving the mouse.
drawing	An engineering drawing (or document) made up of one or more sheets that can consist of multiple frames.
drawing ID	An identifier for an image that consists of the drawing number, CAGE, and drawing revision. It may encompass one or more revisions, sheets, or frames, and each revision may be composed of one or more sheets.
drawing number	A 32-character alphanumeric field that identifies a drawing permanently stored in JEDMICS.
drive	The electromechanical unit of a mass storage device system on which a recording media (disk cartridge, disk pack or magnetic tape reel) is mounted.
DRRS	Drawing Research and Request Subsystem
DSPS	Dual-sided page scanner
DSREDS	Digital Storage and Retrieval Engineering Data System (Army)
dumb terminal	A terminal lacking its own central processing unit (CPU) and disk drives is called a dumb terminal and is restricted to interacting with a distant multisource computer.
DUPL	Duplicate status code

E

ECP	Engineering Change Proposal
EDCARS	Engineering Data Computer Aided Retrieval System (Air Force)
EGDW	Engineering Graphics Display Workstation
ELEC	Electronic status code

engineering data	Drawings, associated lists, accompanying documents, or other information relating to the design or procurement of items.
Exp	A function key abbreviation meaning export.
export	(1) The ORACLE process of creating database backups. (2) A process that outputs data in a form that another program can read.

F

fastload	A utility used to load index data and images to JEDMICS from optical platters.
file	A set of data elements arranged in a structure significant to the user. A file is any named, stored program or data, or both, to which the system has access.
flat file	See pull file.
FMS	File Management Subsystem
FOD	Five- and one-quarter inch optical disk drive.
frame	A subdivision of a drawing that is larger than E-size in one or both dimensions (34 inches by 44 inches).
fsck	File system check
FSCM	Federal Supply Codes for Manufacturers
FTP	File Transfer Protocol. Use ftp for Internet addresses and UNIX commands.

G

GB	Gigabyte
GDHD	Graphics Display Hardcopy Devices. The laser printers that provide hard copy laser printouts of JEDMICS images, text, or both. GDHDs can be networked or directly connected.
GDW	Graphics Display Workstation
Generic input service utility	A set of programs that permits the direct insertion of data lists (DLs) and associated image data into JEDMICS.

Generic output service utility	This utility exports images and repository data set data from the JEDMICS database.
GIS	Generic input service utility
GOS	Generic output service utility
Goto	A function that lets you go directly to a specified sheet or document.

H

hit rate	The percentage of drawings that meet group selection criteria that are actually needed to complete the desired drawing set.
HOLD	On Hold status code
Hollerith card	A punched 80-column card used to store information for input into a computer.
Hollerith code	A code in which a character is represented by a unique combination of punched holes in one column on a punch card.
Hollerith data	The method by which information is recorded (punched) on aperture cards. Hollerith data consists of 80 rows of punched information on an aperture card.
Hollerith string	The 80-character string of data read by the JEDMICS high-speed aperture card scanner from an aperture card and used by JEDMICS for indexing.
HRP	High-resolution plotter
HSACS	High-speed aperture card scanner
HSP	High-speed printer

I

icon	The basis of a graphical user interface (GUI), an icon is a picture or drawing of a device or program that is activated, usually with a mouse, to access the device or run a program.
ID	Identification
identifier	The unique name of a data set provided by the user creating the set.

IGES	Initial Graphic Exchange Specification. A neutral file format for the representation and transfer of product definition data among CAD/CAM systems and application programs (MIL-STD-1840).
image	The computerized representation of engineering data displayed on the screen as a series of dots (pixels). An image is made up of one or more frames.
image enhancement	Any tool that is used to suppress the background or to distinguish desired foreground objects from undesired ones.
image ID	A unique image identifier that consists of the drawing number, CAGE, drawing revision, document type, sheet, and frame.
import	To load a file created by one program into a different program.
IMS	Image Management Software
IMPEXP	A function key abbreviation meaning import/export.
Indx	A function key abbreviation meaning index.
index data	A descriptive set of data associated with a document, used to find the document's storage location.
INPR	In Process status code
input workstation	The microcomputer or terminal at which paper or microform documents are scanned and computer files are entered. This is also the place where the index is assigned to the drawing or document.
Ins	A function key abbreviation meaning insert.
I/O	Input/Output
IOER	Input/Output Error status code

J

JEDMICS	Joint Engineering Data Management Information and Control System. Provides the means for the acquisition, storage, management, and distribution of engineering technical data and the wide variety of other published material related to defense systems.
JSCI	JEDMICS Software Configuration Item

jukebox	A device for reading from and writing to optical disk platters that are automatically loaded into a read/write unit from a storage area.

K

KB	Kilobyte (also Kbyte)

L

LAN	Local area network. Facilitates high-speed transmissions over twisted pair, coax, or fiber optic cables connecting the Index Server, optical storage devices, workstations, servers, and peripherals.
landscape	The page orientation in which the x axis is longer than the y axis.
LFP	Large-format printer
LFS	Large-format scanner
local plot mode	Typically, an output device default in which the device is powered on and is ready to print any user-specified image(s) residing locally on the I/O controller hard disk or floppy drive.

M

magnetic disk	A random-access, magnetic storage device.
magnetic tape	A sequential-access, magnetic storage device.
major repository code	See Weapon System Code.
MB	Megabyte
MDS	Magnetic Disk Storage (nodename for the Image Server or Import Server).
media	The type of storage material, such as paper, disk, or tape, used to store data.
menu	An on-screen display that lists available options.
menu bar	The horizontal bar near the top of a window that contains the names of all the application menus. It appears below the title bar.

migration	A background process that moves index data and images from pending to permanent storage.
minimize	To shrink or reduce to minimum size or capacity. Refers to shrinking a window to appear as an icon on the desktop.
Mod	A function key abbreviation meaning modify.
MRS	Management Reporting Subsystem
multisheet drawing	A raster image consisting of two or more drawings in separate files.

N

NBD	No Base Drawing status code. A status that is assigned when the accompanying document is scanned and the base document is not stored in JEDMICS.
network	A computer-based communications and data exchange system created by physically connecting two or more workstations.
Next	A function key abbreviation meaning next [screen listing or display].
Next-Doc	A function key abbreviation meaning next document.
NHOL	New Hollerith status code
NIIN	National Item Identification Number
NIOF	No image on file. A file type indicating that the index record does not have a corresponding image in the system.
NIRS NIFF	File type indicating Navy Implementation for Raster Scanning - Navy Implemented File Format
NIST	National Institute of Standards and Technology
NR	Newly Revised
NREV	Newly Revised status code
NSCN	Newly Scanned (Image) status code
NSN	National Stock Number. A number assigned to each item of supply that is purchased, stocked, or distributed within the Federal government (MIL-STD-100E).

null	A value that means "a value is not applicable" or "the value is unknown." Nulls are not equal to any specific value, even to each other. Comparisons with nulls are always false.
NxtD	A function key abbreviation meaning next drawing.
NxtI	A function key abbreviation meaning next image.

O

OCR	Optical Character Recognition (or Reader)
ODMS	Optical Disk Management System. The central storage place for JEDMICS images; it uses large-diameter optical disks held in a jukebox.
operating system	A collection of system programs that controls the overall operation of a computer system.
ORC	Output Routing Code. Indicates to whom the output object should go for TISCA YB8 input data transactions.
orientation	In this application, orientation refers to how a document is oriented to the scanner, not page orientation.
OSI	Open Systems Interconnection
output plot server	This server allows network users to share output devices.
overview	The low resolution image used when you first view the image in the PRC Digital Image Viewer application.
OVWR	Overwrite status code

P

page orientation	The relationship of the printed data to the long or short edge of the page.
parameter	A value or option added to a command that determines how the command is executed.
password	A secondary identification word associated with a user name. A user logging on to JEDMICS must supply the correct password before access is permitted.

PC	Personal Computer
PCB	Printed Circuit Board
PCX	A graphics file format.
peripheral device	A device connected externally to a computer, such as a printer, plotter, or disk drive.
Pg	A function key abbreviation for page.
PgDn	A function key abbreviation meaning page down.
PgUp	A function key abbreviation meaning page up.
pixel	The smallest picture element that can be displayed on your screen.
platter	A single optical disk with recording surfaces.
PLTR_RPT	A function key abbreviation for platter report.
point	The action of moving the mouse pointer on the screen until it is positioned over the desired object.
portrait	The page orientation in which the y axis is longer than the x axis.
POSIX	Portable Operating System Interface for Computer Environments. The SGI Challenge L computer platform running the IRIX operating system is a POSIX-compliant interface.
press	Hold down the mouse button without moving the mouse.
Prev	A function key abbreviation meaning previous [screen listing or display].
Prev-Doc	A function key abbreviation for previous document.
priority	A numeric value that identifies the print priority to be invoked to process the print job: 10 is High, 5 is Medium, 1 is Low. The highest priority available to a user is determined by the user profile.
production mode	Typically, an output device default in which the device is powered on, connection to the Index Server has been established, and the unit is standing idle, ready to receive print/plot requests.
PRON	Procurement Request Order Number. A machine-readable list of engineering documents, associated by a common procurement number whose aperture card

	equivalent is called a bid set. In JEDMICS, PRON is the data set identifier.
PrvD	A function key abbreviation meaning previous drawing.
PrvI	A function key abbreviation meaning previous image.
pull file	An ASCII text file that contains one or more 50-character data lines. Also known as a flat file.
pull tape	A magnetic tape that contains a list of drawing ID numbers that form a repository data set.
punchcard	A rectangular card used to store data by the presence or absence of small holes that can be punched in specific locations on the card. The presence or absence of the holes is sensed photoelectrically by a card reader.

Q

QA	Quality assurance. Maintained throughout JEDMICS using the Pending Data Integrity Control functionality.
QACP	Quality Assurance Complete status code
query	An SQL command that retrieves information from one or more tables.
query results	The data retrieved by a query.
queue	A line of jobs waiting to be processed; for example, a batch job queue or a printer job queue. Processing occurs primarily in first-in/first-out (FIFO) order, but does reflect the priority of the process that submitted the job.

R

RAM	Random access memory
raster	An image area formed by scanning the source image one line at a time. A digital scanner scans the source image one dot at a time and arranges the dots in rows and columns to form the raster.

RDBMS	Relational Database Management System [from Oracle Corporation].
reduction ratios	Ratios used to reduce images onto aperture cards.
REJT	Reject status code
ReQ	A function key abbreviation for requeue.
reserve method	Method of keeping pending images while index data and drawings are quality checked.
Rights	Values for the Rights field are: G—Government Data U—Unlimited Rights Data L—Limited Rights Data P—Proprietary Data K—Limited N—Limited R—Unlimited S—Limited T—Limited W—Limited X—Limited Z—Limited
RIL	Raster Image Library (RIL)
RmSrcSet	A function key abbreviation for remove source set.
RORD	Reorder status code
RREL	Ready for Release status code
RSCN	Rescan status code
RSRV	Reserved status code

S

S/CALL	A function key abbreviation for select/clear all.
SAMMS	Standard Automated Material Management System
scale drawing	A drawing presented proportionally in sync when produced or presented in various sizes. That is, the x axis and y axis enlarge and reduce proportionally.
scan mode	Reflects the dialect scheme the scanner will use to interpret the punched Hollerith data.
scanner	A device that digitizes engineering data (drawings and text) and stores the result as a file.

SCSI connector	Small Computer System Interface connector
security level	A one-character field for the code representing the security classification of the drawing or document. The 11 MIL-STD-804C codes are: N—Unclassified C—Confidential M—Confidential - Modified Handling Authorized S—Secret T—Top Secret E—Confidential Restricted Data F—Secret Restricted Data G—Top Secret Restricted Data H—Confidential - Formerly Restricted Data J—Secret - Formerly Restricted Data K—Top Secret - Formerly Restricted Data
Sel/ClrAll	A function key abbreviation for select/clear all.
SelAll	A function key abbreviation meaning select all.
sequence data	Data that follows a specific order and cannot deviate from that order.
sequence number	The numbering of data dictating the required order.
server	A system on a network that provides other computer systems with processing resources.
sheet	An engineering drawing is usually made up of multiple sheets.
sheet number	All sheets are numbered consecutively starting with 1. The first sheet shows the total number of sheets. When sheets have been added or deleted by revision action, the total number of sheets may differ from the number assigned to the last sheet.
sheet revision	Identifies the sheet revision level of the drawing for multisheet drawings.
single file	A raster image consisting of one sheet or page.
SMS	Security Management Subsystem
source flavor	A description of the intended use of the data at the source.
Spnd	A function key abbreviation meaning suspend.
SPR	Software problem report

SQL	Standard query language. The ANSI-compliant industry-standard language used to manipulate information in a relational database. SQL is pronounced sequel.
SQL*Plus	A software product that allows users to interactively use SQL commands or PL/SQL blocks. SQL*Plus produces formatted reports and supports written-command procedures to access data in an ORACLE database.
SR	Service Report
Srch	A function key abbreviation for search.
SrchGrp	A function key abbreviation meaning search [for platter] group.
STHN	Ship Type Hull Number
subsheet	A portion of a drawing. For accompanying documents, this field stores the value of the base drawing revision that the accompanying document is associated with.
SumMenu	A function key abbreviation meaning summary menu.

T

TDP	Technical Data Package
TD/CMS	Technical Data/Configuration Management System
terabyte	A unit of memory equal to approximately one trillion bytes.
TIFF	Tagged Image File Format
TIIF	Technical Information Index File
tiling	Reproducing oversized engineering drawings (or documents) by breaking the image area into parts (called tiles). Adjacent tiles repeat a small portion of the image, and they may contain crop marks as well. The repeated portion of the image (the overlap) and the crop marks aid in reconstructing the overall image from the tiles.
TISCA	Technical Information Storage and Control Application

toggle	A graphical button or other option that can be turned on or off.
TopDoc	A function key abbreviation meaning top document, the document to be listed first (at the top) whenever a particular repository data set is retrieved and displayed.

U

user ID	Unique identifier for any JEDMICS user.
user name	(1) The name a user enters to log on to JEDMICS. (2) The name by which a user is known to the ORACLE database. Every user name is associated with a private password; both user name and password must be entered.

V

value	A suitable equivalent for something else; a substitution.

W

Weapon System Code	A 15-character, alphanumeric field that identifies the Weapon System with which a drawing is associated.
wildcard characters	Two characters, a percent sign (%) and the underscore (_) character, may be used, with at least one significant character, when entering search criteria. The % represents multiple characters. For example, entering a 9% for CAGE code will search the database and retrieve all CAGE codes stored in JEDMICS that start with a 9. The underscore represents a single character.
workstation	A computer terminal linked to a central processor or file server.
WORM	A write-once, read-many optical storage disk.
WSC	A function key abbreviation meaning Weapon System Code.

Y

YB7	A batch transaction that builds a bidset in the TISCA system.
YB8	An output request transaction in the TISCA system.

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