Federal Information Exchange

FEDIX

User's Guide

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Department of Commerce
Department of Energy
Department of Housing and Urban Development
Department of Agriculture
Defense Information Systems Agency/Defense Automation Resources Information Center
Federal Aviation Administration
National Aeronautics and Space Administration
U.S. Agency for International Development
U.S. Air Force, Office of Scientific Research
U.S. Navy, Office of Naval Research

*The On-Line Database Retrieval Service of Government Information
for Colleges, Universities and Other Organizations*

U.S. Department of Energy
Office of Science Education and Technical Information
Washington, DC 20585
September 1993

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GENERAL INFORMATION

FEDIX is an on-line information service that links the education community and the federal government to facilitate research, education, and services. The system provides accurate and timely federal agency information to colleges, universities, and other research organizations.

There are NO REGISTRATION FEES and NO ACCESS CHARGES for using FEDIX.

Agencies participating in the FEDIX system include: Department of Energy (DOE), Federal Aviation Administration (FAA), National Aeronautics and Space Administration (NASA), Office of Naval Research (ONR), Air Force Office of Scientific Research (AFOSR), Department of Commerce (DOC), Department of Housing and Urban Development (HUD), Agency for International Development (AID), Department of Agriculture (USDA), and Defense Information Systems Agency/Defense Automation Resources Information Center (DISA/DARIC). Additional government agencies are expected to join FEDIX in the near future.

This guide is intended to help users access and utilize the FEDIX system. Because the system is frequently updated, however, some menus and tables used as examples in this text may not exactly match those displayed on the live system.

1.0 GETTING STARTED

1.1 TELEPHONE NUMBERS AND INTERNET ADDRESS

Modem Access

Below are two data line numbers that can be used to access the system with a modem.

FEDIX (data line): (301) 258-0953 (local); (800) 783-3349.

Internet Access

FEDIX can also be accessed via the Internet.

The Telnet address is: **fedix.fie.com** or **192.111.228.33**.

HELPLINE

A HELPLINE is available for technical assistance or comments. Call (301) 975-0103. It is operational Monday through Friday from 8:30 AM to 5:00 PM (Eastern) except on federal holidays.

1.2 REQUIRED HARDWARE AND SOFTWARE

FEDIX is not hardware dependent. Any microcomputer or dumb terminal with communications software and a modem operating at 1200, 2400 or 9600 baud, or any computer connected to the Internet, can access the system.

Required modem setup is as follows:

Set to "8" for number of data bits.

Set to "1" for number of stop bits.

Set to "N" for no parity.

1.3 HOURS OF OPERATION

FEDIX operates 24 hours a day, 7 days a week. The only exceptions are for periodic system updating or maintenance.

1.4 CONNECTING AND LOGGING ONTO THE SYSTEM

The following sections provide step-by-step instructions for accessing the system. Call the HELPLINE if you need help connecting or logging onto the system.

1.4.1 Establishing a Connection

Modem Connection

Using your communications software, configure your system to the specifications in Section 1.2. Dial the data line number via your communications software. After a few seconds, the FEDIX "welcome screen" should appear on your monitor and you may proceed with your session. If you encounter any problems, check your communication parameters with those specified in Section 1.2 and retry the connection procedure from the beginning. Call the HELPLINE if you need help logging onto the system.

INTERNET Connection

Open a Telnet session using the address **fedix.fie.com** (or 192.111.228.33).

1.4.2 Logging On

Near the bottom of the "welcome screen" you will see this message:

"Enter your USERID, 'NEW' if you are a new user, or 'PRIOR' if you have forgotten your USERID"

New User

If you are a new user type 'NEW' at the prompt and press <Enter>. New callers are required to enter information about themselves, such as name, organization, address, phone number, etc. Once the information is entered, the system re-displays the information you have provided and allows line editing. To edit, type 'N' after the inquiry "Is this all correct? (Y/N)" and press <Enter>. The information will be displayed line by line. If no changes are necessary, press <Enter> and the next line will appear. If a change is required, simply type the correct information in the space provided and press <Enter>.

Previous User

If you have logged onto FEDIX before, just enter your USERID, press <Enter>, and continue the session. If you have forgotten your USERID, you can still access the system without repeating the new user logon procedure. Simply type 'PRIOR' and press <Enter>. The system will prompt you for your first name and then your last name. Press <Enter> after each entry. This procedure will allow you to logon without using your USERID.

You are allowed three attempts to logon using your name or USERID. After the third unsuccessful attempt you will be disconnected. If you are disconnected, repeat the logon procedure as described above and enter your correct name or USERID.

1.4.3 System Announcements

After you have logged onto the system, a list of system announcements will appear. The announcements convey information about important system changes and updates. Press any key to continue to the calling menu. See Section 2.5 for more information regarding announcements.

1.5 SYSTEM FEATURES

Although FEDIX provides a broad range of features for searching, scanning, and downloading, the system is easy to use. While a system of menus permits the novice to easily access information, experienced users can use a simple command language to bypass the menus and quickly locate information. The features described below will permit quick and easy access to agency databases.

1.5.1 Menus

Information in the FEDIX system is organized under a branching series of menus. By selecting appropriate menu options (using either the OPTION NUMBER or the two-character MENU CODE), you may begin at the FEDIX Main Menu and work your way through various intermediate menus to a desired sub-menu. However, if you already know the menu code of a desired menu, you may bypass the intermediate menus and proceed directly to that menu.

Example:

1.5.2 Help Screens

Help screens describe the content and use of various menu options. These may be viewed from almost any menu in the system. To view a help screen related to a particular menu, type '?' at the prompt for that menu. If a help screen is available, it will be displayed. If none is available, the system prompts the user to type 'HELP' and press <Enter> to view an index of available help screens. In this index you may request any of the available help screens to be displayed simply by entering the code for that help screen. The index of help screens may be viewed from any menu by typing the word 'HELP'.

1.5.3 Capturing Data

If you are using a microcomputer with communications software, it is likely that your system is capable of storing or "capturing" information as it comes across your screen. If you "turn capture on", you will be able to view information from the databases and store it in a file in your system to be printed later. This may be desirable at times when downloading is not appropriate. Refer to your communications software documentation for instructions on how to activate the capture feature.

1.5.4 Command Language

A simple command language has been built into the system for the experienced user. When these commands are typed at the prompt, they allow you to bypass the menu system and go directly to the desired information (i.e., program list) or perform important operations (i.e., read your messages). You will always be returned to the menu from which you entered the command. See the appendix for a list of available commands.

2.0 FEDIX MAIN MENU

The first menu that you will see after accessing the system will be the FEDIX Main Menu. From this menu you may select agency databases, search any or all agency programs by keyword, modify user information, utilize the electronic mail and file download features, and view system announcements. The menu will appear like this:

FEDIX	HELPLINE
ON-LINE INFORMATION SERVICE	(301) 975-0103

FEDIX MAIN MENU

1 - COMPREHENSIVE AGENCY INFORMATION	5 - Mail
2 - MINORITY PROGRAM INFORMATION	6 - Announcements
3 - Search by Keyword (Cross-Agency)	7 - System Updates
4 - Utility Menu	8 - What is FEDIX?
0 - Logoff	

Enter option # or ? for assistance:

2.1 SELECTING AN AGENCY

If you select Option 1 from the FEDIX Main Menu the following menu will appear:

FEDIX	HELPLINE
ON-LINE INFORMATION SERVICE	(301) 975-0103

AGENCY MENU

- 1 - DOE (DOEINFO)
- 2 - ONR (ONRINFO)
- 3 - NASA (NASAINFO)
- 4 - FAA (FAAINFO)
- 5 - AFOSR (AFRINFO)
- 5 - Return to Calling Menu
- 0 - Logoff (Exit FEDIX)

Enter option # or ? for assistance:

By entering the appropriate option number, you may proceed to the main menu of any of the agency sub-systems, return to the calling menu, or logoff the system.

If you select option 2 from the FEDIX Main Menu, the following screen will appear:

FEDIX	HELPLINE
ON-LINE INFORMATION SERVICE	(301) 975-0103
AGENCY MENU	
1 - SELECT AGENCY	[AG]
2 - Scholarships & Fellowships for Minorities & Women	[SF]
3 - Annual Federal Plans	[AF]
4 - News	
5 - Search Minority Programs	[SS]
6 - System Updates	
7 - Return to FEDIX Main Menu	
0 - Exit Database	

Enter option # or ? for assistance:

By selecting option 1 on the minority Main Menu, you can list the agencies providing minority research and education opportunities to FEDIX by displaying menu [AG].

MININFO	FEDIX	HELPLINE
MENU [MI]	ON-LINE INFORMATION SERVICE	(301) 975-0103
Federal Minority Opportunities		
1 - Department of Commerce		[M1]
2 - Department of Energy		[M2]
3 - Department of Housing & Urban Development		[M3]
4 - National Aeronautics & Space Administration		[M4]
5 - Federal Aviation Administration		[M6]
6 - Office of Naval Research		[M7]
7 - Agency for International Development		[M8]
8 - Air Force Office of Scientific Research		[AS]
9 - Department of Agriculture		[M9]
10- Department of Defense HBCU/MI Equipment Program		[M5]
0 - Exit System (Logoff)	[MM] for MININFO Main Menu	

2.2 SEARCHING PROGRAMS BY KEYWORD (CROSS-AGENCY)

All agency research and education programs described in FEDIX are assigned keywords from the *Keyword Thesaurus* (Rodman and Associates, Inc.; 301/963-5226). The keywords are useful for searching and locating subject-specific research programs.

By selecting the Search by Keyword (Cross-Agency) option from the FEDIX Main Menu, you can search one or more of the agency sub-systems for program information. For example, if you select this option and press <Enter>, the following message will appear:

"Enter a Keyword or a partial Keyword, or press <Enter> to abort:"

You could perform several separate searches by typing one or more of the many engineering specialties. However, you could execute a single search that would encompass all keywords associated with this discipline by truncating the search term to "ENGIN". Searching by this partial keyword will provide a list of all keywords containing the phrase "ENGIN" and will appear similar to this:

The following keywords contain your phrase: "ENGIN"

Keycode	Keyword
0201004	Agricultural Engineering
0414016	Engineering Psychology
0502042	Engineering Education
0600000	Engineering
0601000	Aeronautical/Astronautical Engineering
0604000	Ceramic Engineering
0605000	Chemical Engineering

"Press 'M' for more, 'Q' to quit listing, or a 7-digit keycode:"

Assume now you are particularly interested in engineering-related education programs. At the prompt enter the keycode for Engineering Education (0502042) and press <Enter>. Respond to the message above by entering the keycode: '0502042'

The result will be a list of programs similar to the one shown below that contains the keyword 'Engineering Education::

The following programs contain the keycode 0502042

Entry #	Agency	Program Name
1	DOE	HBCU Summer Student Program at Sandia Natl. Labs
2	DOE	Minority Honors Training & Industrial Assistance
3	DOE	Nuclear Energy Training Program (NET)
4	DOE	One-Year-On-Campus Program
5	DOE	Outstanding Student Summer Program
6	DOE	S&TA Summer Student Program
7	DOE	Special Pre-Coop Program

Enter Entry Number of Program to Display, or press <Enter> to exit Program Display:

By typing '1' at the prompt, information about the program named "HBCU Summer Student Program at Sandia Nat. Labs" will be displayed as follows:

***** Program Information *****

Program Name: HBCU Summer Student Program at Sandia Natl. Labs

Unsolicited Proposal Deadline: NONE

Contact(s): HBCU Coordinator

Keycode	Keyword
0000099	Minorities
0502042	Engineering Education
0502031	Science Education
0502006	Career Education & Planning
0503011	Education and Work
0600000	Engineering
0505002	College Students
1004000	Computer Science

***** MENU *****

1 - Contact Address	4 - Procurement Notices	7 - Search by Keycode	0 - Logoff
2 - Publications	5 - Search by Name	8 - Next Record	Q - Quit
3 - Program Desc.	6 - Search by Keyword	9 - Previous Record	? - Help

Options for viewing program descriptions, contact names, etc. are described in detail in Section 3.1.

2.3 TRANSFERRING FILES

DOWNLOADING

The Downloadable Files option on the FIE Main Menu provides options that enable you to list and download files containing information on specific topics such as program descriptions, procurement notices, program contacts, etc. The download feature can be used to send text files in ASCII or compressed ASCII format to your system very quickly for use at your convenience. However, your system must be capable of file transfers (see the documentation for your communication software).

Selecting the Downloadable Files option from the FIE Main Menu will display the Downloadable File Menu, shown below. Using options offered in this menu, you can list and download any file in the system.

CURRENTLY ON LINE ARE FILES FROM:

FEDIX System Files

- 1 - Air Force Office of Scientific Research (AFOSR)
- 2 - Department of Energy (DOE)
- 3 - Federal Aviation Administration (FAA)
- 4 - Federal Minority Opportunities
- 5 - National Aeronautics and Space Administration (NASA)
- 6 - Office of Naval Research (ONR)

7 - MOLIS System Files

8 - Miscellaneous Files

From which agency do you want a file?
(0 to return to FIE Main Menu) --> 1

Proceed by entering the number of the appropriate selection on the menu shown above. This action will cause a list of files to be displayed for the agency or area you selected, as shown below. **NOTE:** Your system must be capable of downloading for you to use this option. Refer to the documentation supplied with your communications software for further instructions. If you are using a dumb terminal for communications, you will NOT be able to download.

afrcont.exe	-CONTACTS IN COMPRESSED ASCII FORMAT
afrcont.txt	-CONTACTS IN ASCII FORMAT
afrjapan.txt	-US-JAPAN TRAINING PROGRAM ASCII FORMAT
afrnote.exe	-PROCUREMENT NOTICES IN COMPRESSED ASCII FORMAT
afrnote.txt	-PROCUREMENT NOTICES IN ASCII FORMAT
afrprog.exe	-PROGRAM DESCRIPTIONS IN COMPRESSED ASCII FORMAT
afrprog.txt	-PROGRAM DESCRIPTIONS IN ASCII FORMAT
afrprop.txt	-AFOSR PAMPHLET 70-11 IN COMPRESSED ASCII FORMAT
afrprop.txt	-AFOSR PAMPHLET 70-11 IN ASCII FORMAT
afrtext.exe	-TEXT LISTINGS IN COMPRESSED ASCII FORMAT
afrtext.txt	-TEXT LISTINGS IN ASCII FORMAT
afruri.exe	-DOD'S URI FOR FY93-96 IN COMPRESSED ASCII FORMAT
afruri.txt	-DOD'S URI FOR FY93-96 IN ASCII FORMAT

Please enter the name of the file you wish to download -OR-
the letter 'r' to repeat the list -OR-
the letter 'q' to quit

Your choice (< filename > , r or q) --- > afrcont.exe

After entering the filename and pressing < ENTER > , you will be prompted to select a download protocol. Enter the appropriate selection. (Most communications packages support X-modem.)

FILE TRANSFER PROTOCOLS

(K)ermit
(X)modem
(Y)modem
(Z)modem
(A)bandon download

--- > X

Start Xmodem receive on your computer now

Sending afrcont.exe, 131 blocks: Give your local XMODEM receive command now.

Text files in ASCII format, tagged with a ".TXT" extension, can be downloaded by users of Macintosh computers and other non-IBM compatible systems. Compressed ASCII files, tagged with the ".EXE" extension, may be downloaded by users of IBM compatible computers. To expand a compressed ASCII file, go to the drive and subdirectory to which the file was downloaded and type the filename without the ".EXE" extension.

At this point, do whatever is necessary to initiate the download process using your communications software. Refer to your communications software documentation if you are unsure.

FTPing

If you are connecting to the system via the Internet and you have access to an ftp client, you can transfer files by anonymous ftp. You can initiate this process from a UNIX machine with the command: ftp fedix.fie.com.

2.4 ELECTRONIC MAIL

An electronic bulletin board feature allows you to send and receive messages to and from the SYSTEM OPERATOR ONLY. This feature will NOT send messages between users. It can be used to inquire about operating the system, receive helpful suggestions from the systems operator, etc. If you select the Mail option from the FEDIX Main Menu the following menu will appear:

FEDIX	HELPLINE
ON-LINE INFORMATION SERVICE	(301) 975-0103
MAIL MENU	
1 - Read Mail	
2 - Send Message to FEDIX	
0 - Return to Calling Menu	

The *Read Mail* option will display all messages sent to you from the system operator. The *Send Message to SYSOP* enables you to send a message to the system operator. The message screen will be displayed similar to the example below:

To: FEDIX System From: John Doe
Date: 07/28/90 Time: 10:07 am
Subject:
1
(C)ontinue,(A)abort,(D)elete,(E)dit,(I)nsert,(L)ist,(S)end, (H)elp
(117 minutes left) MAIL - C,A,D,E,I,L,S,H

Type the subject of the message (40 character max.) at 'Subject:', press <Enter>, and then type your message (250 lines max.). As you type, line numbers will appear successively. After you have finished typing your message press <Enter> twice. You may then edit, save, or abort the message by entering the displayed commands at the prompt. Type 'H' (Help) for a description of each command's function.

2.5 VIEWING SYSTEM ANNOUNCEMENTS

System announcements convey information about important system changes and updates. Announcements are displayed during the logon process. By using an option from the Utility Menu, you may elect to view announcements at logon for selected agencies (see Section 2.6).

Announcements may also be viewed by selecting the Announcements option from the FEDIX Main Menu. If this option is selected, a list of agencies is presented. Enter the agency name at the following prompt to view announcements from that agency:

Which of the following announcements do you want to see?

ALL DOE ONR NAS FAA MIN, etc.

Type in 3-letter code for the announcements you want displayed (<Enter> for none). >

The 'All' option does not display every available announcement. Rather, it displays general announcements that apply to all agency databases or to the entire FEDIX system.

2.6 UTILITY MENU

The Utility Menu (shown below), selected from the FEDIX Main Menu, enables you to perform various "housekeeping" tasks (i.e., changing user information), prioritize agencies for viewing, search and download agency information, set a default calling menu, and set the file transfer protocol for downloading files.

FEDIX	HELPLINE
On-Line Information Service	(301) 975-0103

UTILITY MENU

- 1 - Change User ID
- 2 - Change Address and Other User Information
- 3 - Change Default Agency Interests
- 4 - Set Default Files Transfer Protocol
- 5 - Return to Calling Menu
- 0 - Logoff (Exit FEDIX)

3.0 INFORMATION COMMON TO ALL AGENCIES

Each federal agency sub-system supplies information about new or established research programs, research proposal solicitations and procurement notices, and faculty and student educational opportunities. This section details the procedures necessary for accessing this information using examples from agency databases.

NOTE: Although agency databases may contain similar types of information, procedures for accessing information may vary somewhat between agencies.

3.1 RESEARCH PROGRAM INFORMATION

Federal agency program descriptions displayed on the system usually contain a synopsis of on-going or proposed research, a summary of the specific focus or emphasis of the research, and the name and address or phone number of a person who may be contacted for additional information.

For example, at the FEDIX Main Menu, select Option 1 - Comprehensive Agency Information, then type '1 - DOE (DOEINFO)' and select menu [MP] (shown below). This menu provides several options for locating and viewing information on specific DOE research programs.

The DOE Major Programs option allows you to view a menu of DOE R&D programs. (For a list of program titles and corresponding menus refer to APPENDIX A.) When this option is selected, menu [MP] appears as shown below.

DOEINFO	FEDIX	HELPLINE
MENU [MP]	ON-LINE INFORMATION SERVICE	(301) 975-0103
Major Programs		
1 - Office of Energy Research		[ER]
2 - Fossil Energy		[FE]
3 - Conservation and Renewable Energy		[CE]
4 - Nuclear Energy		[NE]
5 - Defense Programs		[DP]
6 - Civilian Radioactive Waste Management		[RW]
0 - Exit System (Logoff)		
[PI] for parent menu		
[MM] for DOEINFO Main Menu		
Enter selection - ? for assistance:		

Selecting Option 1, for example, will display menu [ER], shown in the menu that follows:

DOEINFO	FEDIX	HELPLINE
MENU [ER]	ON-LINE INFORMATION SERVICE	(301)975-0103

Office of Energy Research

- 1 - General Description
- 2 - Review Procedures
- 3 - Major Research Programs [EP]
- 4 - University/Industry Programs [UI]
- 5 - DOE/University Consortia [DC]
- 6 - Experimental Program to Stimulate
Competitive Research (EPSCoR)
- 7 - Basic Research for Environmental Restoration
Executive Summary

0 - Exit System (Logoff)

[MP] for parent menu

[MM] for DOEINFO Main Menu

Enter selection - ? for assistance:

Selecting Option 1 allows you to view the program entitled "Energy Research - General Description", shown below:

***** Program Information *****

Program Name: Energy Research - General Description

Unsolicited Proposal Deadline: NONE

Contact(s): Richard E. Stephens (202)586-8949

Keycode	Keyword
1215000	Energy Biological/Biomedical Sc
1220000	Energy Chemical Sciences
1230000	Energy Environmental Sciences
1250000	Energy Physical Sciences
1240000	Energy Materials Science
1013023	Nuclear Physics
1013022	Physics, High Energy
1270110	Fusion Technology

***** MENU *****

1 - Contact Address	4 - Procurement Notices	7 - Search by Keycode	0 - Logoff
2 - Publications	5 - Search by Name	8 - Next Record	Q - Quit
3 - Program Desc.	6 - Search by Keyword	9 - Previous Record	? - Help

Program Information Menu Options

Use the following options listed below the Program Information display to access additional program information:

Contact Address enables you to view contact address information as shown below. Up to three contacts are listed for each program.

Name: Richard E. Stephens
Phone: (202)586-8949
Title: Director, Office of University and Science Education Programs
Office: Office of University and Science Educations Programs
Mail Stop: ET-3
Address: U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, DC 20585

Publications allows you to view publications related to the program displayed, as shown below. The system prompts you to press <Enter> to search for more publications. If no more publications exist, pressing <Enter> re-displays the Program Information screen. (This option is not available for every agency).

Advanced Energy Projects FY 1988 Research Summaries. DOE/ER-0391.

An Assessment of Small Business Innovation Research Programs (DOE/ER-0327)

Press <Enter> to search for more publications, or 'Q' to quit listing:

Program Description allows you to view a narrative on the program displayed, as shown below. If more than one screen of text exists, the system prompts to press <Enter> to continue, 'Q' to quit, or 'B' to backup one screen.

***** Program Description *****

ENERGY RESEARCH - GENERAL DESCRIPTION

The Director of Energy Research manages the fundamental science and basic energy research programs for DOE in a number of areas, including high energy physics; nuclear physics; the physical, biological, and mathematical sciences; magnetic fusion energy; and environmental and health effects research. The Director is responsible for university research and university-based education and training activities and acts as scientific advisor to the Secretary of Energy for the energy research and development programs of the Department. He also advises the Secretary on the well-being and management of the multiprogram laboratories under the jurisdiction of DOE, excluding laboratories that constitute part of the nuclear weapons complex.

The Office of Energy Research administers and manages the Small Business Innovation Research (SBIR) program of DOE. This program was developed to strengthen the role of small businesses in meeting Federal R&D needs and to stimulate technological/commercial innovation. Funds for the SBIR program are provided from all of DOE's major R&D program areas.

End of text, press <Enter> to continue:

Procurement Notices displays solicitations for research related to the program displayed and will appear similar to the example shown below. The system prompts you to press <Enter> to continue the search.

***** Procurement Notices *****

Title. Human Genome Program Special Research Grant 91-8 Deadline: 08/09/91

Refer.: Federal Register, 02/27/91

Desc.: Special Research Grant Program Notice 91-8; Human Genome Program

AGENCY: DEPARTMENT OF ENERGY; Office of Energy Research

DATES: Formal applications submitted under this notice should be received by 4:30 p.m. E.D.T., August 9, 1991 to be accepted for an October 1991 review and to permit timely consideration for award in fiscal year 1992.

ADDRESS: Formal applications should be forwarded to: U.S. Department of Energy, Division of Acquisition and Assistance Management, ER-64, Room G-236, Washington, D.C. 20585, ATTN: Program Notice 91-8. The personal or courier delivery address is: U.S. Department of Energy, Division of Acquisition and Assistance Management, ER-64, 19901 Germantown Road, Germantown, MD, 20874.

The U.S. Department of Energy (DOE) Program Office for Conservation and Renewable Energy Systems, is planning to issue an unrestricted solicitation inviting applicants to provide follow-on support to communities where technical and economic feasibility for district cooling systems have been established.

See Section 3.2 for additional information on reviewing research proposal solicitations.

Search by Name allows you to search for programs by name. The system prompts:

"Enter Program Name (or partial name) to search on, press <Enter> for all, or type 'Q' to quit:"

For example, to search by partial program name, enter "physics" at the prompt. The system searches for all programs with the word "physics" contained in the title. A screen similar to the example shown below appears:

The following programs contain the word PHYSICS

Record Number	Program Name
45	High Energy Physics
46	Nuclear Physics
105	Nuclear Engineering & Health Physics Fellowships
107	Operational Health Physics Fellowship Program

Enter Record Number of Program to Display:

Enter the record number of the program you wish to view (e.g., '46' to view "Nuclear Physics"). If an incorrect number is entered, an error message is displayed and the system prompts you to enter the record number again.

Search by Keyword enables you to search for programs by a keyword or partial keyword. See Section 2.2 for additional information about searching for program information by keywords. The system prompts:

"Enter a Keyword or a partial Keyword, or press <Enter> to abort:"

For example, to search by the partial keyword "Energy", type "Energy" at the prompt. The system searches for all programs that are indexed with a keyword containing "Energy". A screen similar to the one shown below appears:

The following programs contain the keyword ENERGY

Record Number	Program Name
1	Advanced Extraction and Process Technology
2	Fossil Advance Research and Technology Development
3	Coal Liquefaction
4	Combustion Systems
5	Control Technology and Coal Preparation
6	Enhanced Oil Recovery
7	Fuel Cells - Fossil Energy
8	Heat Engines
9	Magnetohydrodynamics

Enter Record Number of Program to Display:

Enter the record number of the program you wish to view. If an incorrect number is entered, an error message is displayed and the system prompts you to enter the record number again.

If you type '1', the following will be displayed:

***** DOE Program Information *****

Program Name: Advanced Extraction and Process Technology

Unsolicited Proposal Deadline: NONE

Contact(s): Marvin S. Brooks (301) 353-4462

Keycode	Keyword
1260000	Fossil Energy
1260095	Fossil Fuels, Natural Gas
1260100	Fossil Fuels, Oil Shales
1260105	Fossil Fuels, Petroleum
1260125	Production and Refining
1260135	Properties, Fossil Fuels

***** MENU *****

1 - Contact Address	4 - Procurement Notices	7 - Search by Keycode	0 - Logoff
2 - Publications	5 - Search by Name	8 - Next Record	Q - Quit
3 - Program Desc.	6 - Search by Keyword	9 - Previous Record	? - Help

Search by Keycode enables you to search for programs using keycodes. You may use the Program Information menu [PI] to view a list of keywords and keycodes. The system prompts:

"Enter 7 digit keycode, or press <Enter> to exit:"

For example, if you enter '1260095' (Fossil Fuels, Natural Gas), the system searches for all programs that have the keycode '1260095'. A screen similar to the example below appears:

The following programs contain the keycode 1260095

Record Number	Program Name
1	Advanced Process Technology
6	Enhanced Oil Recovery
14	Office of Fossil Energy - General
12	Unconventional Gas Recovery

Enter Record Number of Program to Display:

Enter the record number of the program you wish to view. If an incorrect number is entered, an error message is displayed and the system prompts you to enter the record number again.

Next Record takes you to the next program. Programs are presented in alphabetical order. **NOTE:** If a filter is set, (e.g., FILTER SET TO KEYCODE = 1260000) the next record in alphabetical order with the keycode '1260000' is displayed. If the end of the database is reached, an error message is displayed and the current program is re-displayed.

Previous Record takes you to the previous program. Programs are presented in alphabetical order. **NOTE:** If a filter is set, (e.g., FILTER SET TO KEYCODE = 1260000) the previous record in alphabetical order with the keycode '1260000' is displayed. If the beginning of the database is reached, an error message is displayed and the current program is re-displayed.

Logoff logs you off the system.

Quit quits the program display and returns you to the last menu displayed.

Help displays help information about the program screen. For more on Help see Section 1.5.2.

3.2 PROCUREMENT NOTICES

All agencies use the FEDIX system to solicit proposals for new or current research initiatives and to announce the availability of funding for important activities. A summary of agency research projects, information on funding and application procedures, and points of contact within each agency are provided.

At the FEDIX Main Menu, select Option 1 - Comprehensive Agency Information. Then select Option 2 - ONR for the ONR Main Menu, shown below.

To access information about research solicitations and related announcements for the Office of Naval Research, for example, select the Procurements and Special Notices option to display solicitations for research.

ONRINFO	FEDIX	HELPLINE
MENU [NR]	ON-LINE INFORMATION SERVICE (301) 975-0103	

Office of Naval Research Main Menu

- 1 - Introduction
- 2 - Research Programs and Education Programs [RE]
- 3 - Contract/Grant Administration [AD]
- 4 - Labs, Detachments, Foreign Offices [LB]
- 5 - Procurements & Special Notices (BAA's, RFP's/etc.)
- 6 - Search for Program Information [SP]
- 7 - System Updates
- 8 - Return to Agency Menu

0 - Exit System (Logoff)

Enter selection - ? for Assistance:

If you select option 7, the next screen will appear similar to this:

***** Procurement Notices Selection Menu *****

- 1. List and Select Procurement Titles by DEADLINE DATE.
- 2. List and Select Procurement Titles in order added to FEDIX..
- 3. Search for word or phrase within title.
- Quit. (Back to the main menu)

If you select Option 1 from the above list, you will see the following:

***** PROCUREMENT NOTICES *****

RECNUM	TITLE
1	Molecular Mechanisms of Weak Electric Fields
2	Supercritical Fluid Processing
3	Personnel Security Thesis, Dissertation, Awards

***** End of Procurement Notices List *****

Enter the record number to view detail information, or 'Q' to quit ...

If you select Option 2, the following screen will be displayed:

SPONSOR: Office of Naval Research, 800 N. Quincy St., Arlington, VA 22217-5000

PUBLICATION DATE: APRIL 15, 1991

Supercritical Fluid Processing

Commerce Business Daily, 04/04/91

Desc. BROAD AGENCY ANNOUNCEMENT (BAA) (DARPA BAA #91-05): SUPERCRITICAL FLUID

PROCESSING FOR THE DESTRUCTION OF TOXIC CHEMICALS - CLARIFICATION Contact: Dr. Richard T. Loda, DARPA/DSO/MSD, (703) 614-1569, and Dr. Peter Schmidt, ONR, (703) 696-4362. Upon review of the pre-proposals in response to the DARPA BAA #91-05 (published 1/16/91) soliciting proposals to develop supercritical water oxidation (SCWO) technology for the destruction of toxic chemicals, DARPA wishes to clarify this offering to emphasize its interest in the development of an easily transportable SCWO pilot plane ...

Press <Enter> for more, or 'Q' to quit listing:

Also files containing current program notices for each agency may be downloaded using the "Downloadable Files" option on the FEDIX Main Menu.

3.3 FACULTY/STUDENT EDUCATIONAL OPPORTUNITIES

All federal agency files in the FEDIX system carry information regarding educational programs and opportunities. Details on training opportunities for technicians, faculty, and students at all grade levels, as well as information on scholarships, fellowships, and awards, is available on FEDIX.

To view information on NASA education programs, for example, go to the FEDIX Main Menu, and select '1 - Comprehensive Agency Information'. The Agency Menu that follows will reveal choices of agencies. Type '3' for NASA. From the NASA Main Menu you can select Menu [EA] for Educational Programs and Services.

Menu [EA], shown below, provides several options for locating and viewing information on NASA educational programs.

NASAINFO	FEDIX	HELPLINE
MENU [EA] ON-LINE INFORMATION SERVICE (301) 975-0103		

Educational Programs and Services

1 - General Information	[EI]
2 - Elementary and Secondary Programs	[ED]
3 - University Programs	[EU]
4 - Educational Technology	[ET]
5 - Educational Partnerships	
0 - Exit System (Logoff)	

[NN] - Parent Menu

Enter selection - ? for Assistance:

Select menu [EU] to view the University Programs Menu, shown below.

NASAINFO	FEDIX	HELPLINE
MENU [EU]	ON-LINE INFORMATION SERVICE	(301) 975-0103
University Programs		
1 - Introduction		
2 - National Space Grant College & Fellowship Program		
3 - Undergraduate Programs [UG]		
4 - Graduate Programs		
5 - Faculty Programs [FA]		
0 - Exit System (Logoff)		
[EA] - Parent Menu		
[NN] - NASAINFO Main Menu		
Enter selection - ? for Assistance:		

By choosing the Undergraduate Programs [UG] option, the menu below is displayed:

NASAINFO	FEDIX	HELPLINE
MENU [UG]	ON-LINE INFORMATION SERVICE	(301) 975-0103
Undergraduate Programs		
1 - Advanced Design Program		
2 - Cooperative Education Program		
0 - Exit System (Logoff)		
[EU] - Parent Menu		
[NN] - NASAINFO Main Menu		

By choosing '1' you can see a program information screen of the Advanced Design Program (shown below), from which you can access detailed information about this program.

***** NASA Program Information *****

Program Name: Advanced Design Program

Unsolicited Proposal Deadline: NONE

Contact(s): Dr. Vicki Johnson (713) 244-2000

Keycode	Keyword
1015000	Space Sciences
0505000	Higher Education
0600000	Engineering
0609010	Engineering Design
0502042	Engineering Education
0505002	College Students
0502000	Educational/Instructional Programs
0000044	Training/Traineeships/Apprenticeships/Internships

***** MENU *****

1 - Contact Address	4 - Procurement Notices	7 - Search by Keycode	0 - Logoff
2 - Publications	5 - Search by Name	8 - Next Record	Q - Quit
3 - Program Desc.	6 - Search by Keyword	9 - Previous Record	? - Help

4.0 AGENCY SPECIFIC INFORMATION

4.1 DEPARTMENT OF ENERGY (DOE)

The Department of Energy's databases contain information on its used energy-related equipment program, research and development programs of potential interest to the academic community, and faculty/student educational programs. The DOE Main Menu [MM] provides the means for accessing this information. If DOEINFO is selected from the Agency Menu, the following screen appears:

DOEINFO	FEDIX	HELPLINE
MENU [MM]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Department of Energy Main Menu

1 - Available Used Research Equipment (EEGADS)	[EG]
2 - Research Program Information	[IX]
3 - Education Program Program Information	[FS]
4 - Minority Assistance Programs	[GA]
5 - DOE News/Current Events	[DN]
6 - Procurement Notices	
7 - Research & Training Reactors	[RT]
8 - Search for Program Information	[PI]
9 - System Updates	
10 - Return to Agency Menu	

0 - Exit System (Logoff)

Enter selection - ? for assistance:

4.1.1 Eligible Equipment Grant Access Data System (EEGADS)

DOE awards grants of used laboratory equipment to United States universities, colleges and other non-profit institutions of higher education. DOE hopes to encourage energy-related research and development by making this equipment available to educational programs in engineering and the life, physical, and environmental sciences.

The Eligible Equipment Grant Access Data System (EEGADS) is an available option on the DOEINFO Main Menu [MM]. This option allows you to search, view, or download a file of used, excess DOE equipment. The equipment file is updated each month. By selecting Option 1, the EEGADS menu [EG] appears, as shown below:

DOEINFO	DOE - UNIVERSITY	HELPLINE
MENU [EG]	ON-LINE INFORMATION SERVICE (301) 975-0103	

ELIGIBLE EQUIPMENT GRANTS ACCESS DATA SYSTEM

The E.E.G.A.D.S. data is for the period of May 1-31, 1993

- 1 - Search Equipment File
- 2 - Review Condition Codes
- 3 - Program Overview
- 4 - Program Guidelines
- 5 - Where to Mail Proposals
- 6 - Terms and Conditions
- 7 - Proposal Guide
- 8 - ERLE Grant Drug-Free Workplace Requirements

0 - Exit System (Logoff) [MM] for DOEINFO Main Menu

Enter selection - ? for assistance:

Menu [EG] Options

Search Equipment File enables you to search the database for a specific item based on the information you provide. You may type as much of the name of the item as you wish. However, the system searches for EX-
ACTLY what you type and finds all records that contain this information. You are prompted as follows:

Enter description (or partial description) of item to search for, or press <Enter> to list all items:

For example, by entering the prefix "spectro", the system executes a search and the following list of items might appear:

ITEM SEARCHING FOR: spectro		
RECORD	BRIEF DESCRIPTION	CONDITION CODE
73	SPECTROMETER	(6)
74	SPECTROPHOTOMETER	(6)
97	X-RAY FLUORESCENT SPECTROMETER, KEVEX MODEL 770, S/N 11346-00	(5)

End of Data Reached

Enter the record number to view detail information, or 'Q' to quit:

At this point you may enter the Record # of any item in the list to view detailed information on the equipment. After viewing this information you may 1) view the next item on the list, 2) initiate another search, or 3) quit and return to the EEGADS menu [EG].

Review Condition Codes provides two screens of information describing the condition codes and what they mean.

Program Overview provides a general overview of program requirements and procedures.

Program Guidelines displays information on institutional eligibility and costs.

Where To Mail Proposals provides mailing addresses for equipment items located at various DOE facilities.

Terms and Conditions lists the terms and conditions of grants awarded under the program.

Proposal Guide provides guidelines for developing a proposal for submission to the program.

ERLE Grant Drug-Free Workplace Requirements explains the requirements of the Drug-Free Workplace Act of 1988.

Exit System which logs you off the system.

4.1.2 Energy Research Information Exchange Service (ERICHS)

From the DOE Main Menu, you can select the Energy Research Information Exchange Service (ERICHS), a sub-system of DOEINFO, by choosing the "Research Program Information" option. Its primary purpose is to disseminate information regarding the agency's research programs, missions, priorities, budgets, deadlines, and administrative procedures. The system also provides information on energy-related publications and on appropriate DOE personnel to contact in order to facilitate DOE-university interaction.

The principal ERICHS menu [IX] appears below. This menu allows you to search, view, and download files of program descriptions, deadlines, budget information, contacts, available publications, and procurement notices.

DOEINFO	FEDIX	HELPLINE
MENU [IX]	ON-LINE INFORMATION SERVICE	(301) 975-0103
Energy Research Information Exchange Service		
1 - Major Research Programs		[MP]
2 - General DOE Information		
3 - Budget Overview		[BO]
4 - Information Sources		[IS]
5 - Program Contact Name, #, Address		[CN]
6 - Operations Offices/Policies & Procedures		[PA]
7 - Laboratory Information		[LI]
0 - Exit System (Logoff)		
		[MM] for DOEINFO Main Menu
Enter selection - ? for assistance:		

Menu [IX] Options

Major Research Programs enables you to locate and view information, via menu [MP], about specific research programs. See Section 3.1 for details on how to access this information.

General DOE Information displays information about DOE's overall research goals.

Budget Overview, menu [BO], allows you to select and view information on various DOE budgets, including University R&D Budgets.

Information Sources, menu [IS], allows you to list publications related to R&D programs, facilities, application guidelines, procurement policies and procedures, etc. You can also download an ASCII file of all publications in the database (see Section 2.3 for more information on downloading). Menu [IS] also offers other sources of current DOE information, including various federal information clearinghouses (e.g., Office of Scientific and Technical Information, National Technical Information Service, Energy Information Administration) and on-line energy databases (e.g., Energy Data Base, Nuclear Sciences Abstracts, Research in Progress, etc.).

Program Contact Name, #, Address, menu [CN], enables you to search for agency contacts and download a file of all the contact names, addresses, and phone numbers in DOEINFO (see Section 2.3 for downloading instructions).

Operations Offices/Policies & Procedures, menu [PA], directs you to two other menus. Menu [OO] provides information on DOE Operations offices and menu [PO] provides general information on the procurement process such as Competitive Solicitations, Proposal Review and Evaluations, Award Instruments, etc.

Laboratory Information, menu [LI], provides options to view information about various research laboratories associated with DOE R&D programs.

Exit System logs you off the system.

4.1.3 Education Program Information

Selecting options from menu [FS], shown below, allows you to view educational opportunities offered to college and university faculty and students by DOE laboratories and Energy Technology Centers.

DOEINFO	FEDIX	HELPLINE
MENU [FS]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Faculty/Student Educational Opportunities

- 1 - General Information
- 2 - Graduate Fellowship Programs
- 3 - Postgraduate Programs
- 4 - Pre-Freshman Enrichment Program
- 5 - Science and Engineering Research Semester
- 6 - Envir. Restoration/Waste Management Scholarship Program
- 7 - Outstanding Student Summer Program
- 8 - Education Information for DOE Facilities [FL]
- 0 - Exit System (Logoff) [MM] for DOEINFO Main Menu

Enter Selection -? for Assistance:

Enter selection [FL] and from that menu, select the Laboratory Cooperative Programs, menu [SP], the following screen will be displayed:

University/DOE Laboratory Cooperative Program for Faculty & Student Research & Training Activities											
X = Activity Available Select 1-10, [FL] parent menu, or [MM] for Main Menu											
	1	2	3	4	5	6	7	8	9	10	11
	Fac	Fac	Student		Lab	Thesis	Fac	Fac	Fac	Con-	Visit
	Res	Res	Res	Part	Grad	Part	Inst	Work	Stud	fer-	Staff
	Part	Visit	Sem	Sum	Res	Res		Shops	Exp	ence	Lect
AMES	X			X	X					X	X
ANL	X	X	X	X	X	X	X	X	X	X	X
AWU	X	X		X	X	X					
BNL	X	X	X	X	X	X			X	X	X
LANL			X								
LBL	X		X	X							
MOUND	X			X	X	X					
NORCUS	X	X		X	X						X
ORAU	X	X		X	X	X	X	X	X	X	X
ORNL	X	X	X	X	X	X	X	X	X	X	X
PNL			X	X							
SREL	X			X	X						
SRL	X			X	X						
SERI	X	X		X		X				X	X

Enter Selection - ? for Assistance:

The goal of the University-Laboratory Science Education Cooperative (LAB CO-OP) program is to bring college and university faculty and students to DOE research facilities so that they may participate in ongoing research programs and intensive instructional sessions on energy-related topics.

Menu [SP] provides access to information on faculty and student education and training opportunities offered under the LAB CO-OP program. The DOE facilities are listed along the left side of the matrix and the programs are listed across the top. An 'X' indicates that a program is offered at a particular facility.

The following programs may be selected as items 1 through 11 on menu [SP].

- 1 - Faculty Research Participation
- 2 - Faculty Research Visits
- 3 - Student Research Participation (Semester)
- 4 - Student Research Participation (Summer)
- 5 - Laboratory Graduate Research
- 6 - Thesis Parts Research
- 7 - Faculty Institutes
- 8 - Faculty Workshops
- 9 - Faculty/Student Experiments
- 10 - Conferences
- 11 - Visiting Staff Lectures

The participating facilities listed on the left side of the screen are:

AMES - Ames Laboratory
ANL - Argonne National Laboratory
AWU - Associated Western Universities
BNL - Brookhaven National Laboratory
LBL - Lawrence Berkeley Laboratory
MOUND - Monsanto Laboratory
NORCUS - Northwest College and University Association for Science
ORAU - Oak Ridge Associated Universities
ORNL - Oak Ridge National Laboratory
PNL - Pacific Northwest Laboratory
SREL - Savannah River Ecology Laboratory
SRL - Savannah River Laboratory
SERI - Solar Energy Research Institute

For example, by entering a '1' at the prompt, information on Faculty Research Participation programs is displayed as shown below.

```
***** DOE Program Information *****
Program Name: Faculty Research Participation
Unsolicited Proposal Deadline: NONE

Keycode      Keyword
0000034      Research
0000025      Instruction/Curriculum Development
1200000      Energy
0502036      Teacher Education
0505000      Higher Education
0600000      Engineering
0502031      Science Education
***** MENU *****
1 - Contact Address      4 - Procurement Notices      7 - Search by Keycode      0 - Logoff
2 - Publications         5 - Search by Name           8 - Next Record           Q - Quit
3 - Program Desc.       6 - Search by Keyword        9 - Previous Record       ? - Help
```

4.1.4 Minority Assistance Programs

The Minority Assistance Programs sub-system supplies information of interest to faculty and students of U.S. minority educational institutions. It provides a comprehensive list of U.S. minority institutions, as well as descriptions of DOE research and education programs designed to encourage minority participation.

Menu [GA], shown below, provides access to the Minority Assistance Programs sub-system.

DOEINFO	FEDIX	HELPLINE
MENU [GA]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Minority Assistance Programs

- 1 - General Description: Office of Minority Economic Impact
- 2 - Minority Educational Institutions [GB]
- 3 - Minority Assistance Programs [GC]
- 0 - Exit System (Logoff)

[MM] for DOEINFO Main Menu

Enter selection - ? for assistance:

Menu [GA] Options

General Description: Office of Minority Economic Impact provides a description of the Office of Minority Economic Impact and its mission.

Minority Educational Institutions displays menu [GB] from which you can list designated minority colleges and universities in the United States. Institutions may be listed either alphabetically or in order by state.

Minority Assistance Programs displays menu [GC] from which you can view information about programs of special interest to minority students and faculty of minority institutions.

4.1.5 DOE Facilities

Below is an alphabetical list of DOE research facilities. Information about each facility can be located by typing the associated menu code at the prompt.

FACILITY NAME	MENU CODE
Albuquerque Operations Office.....	OO
Ames Laboratory	PF
Argonne National Laboratory	ML
Bartlesville Project Office & NIPER	FF
Bates Linear Accelerator Facility	PF
Bettis Atomic Power Laboratory	NF
Brookhaven National Laboratory	ML
Chicago Operations Office	OO
DOE Plant Research Laboratory (MSU)	BF
Energy Technology Engineering Facility	NF
Environmental Measurements Laboratory	EF
Extrusion Plant (Ashtabula)	PP
Feed Materials Production Center	PP
Fermi National Accelerator Facility	PF
Hanford Engineering Development Laboratory	NF
Hanford Production Operations	PP
Idaho National Engineering Laboratory	DL
Idaho National Engineering Laboratory	ML
Idaho Operations Office	OO
Inhalation Toxicology Research Institute	EF
Kansas City Plant	PP

Knolls Atomic Power Laboratory	NF
Laboratory of Radiobiology and Environmental Health	EF
Lawrence Berkeley Laboratory	ML
Lawrence Livermore National Laboratory	DL
Lawrence Livermore National Laboratory	ML
Los Alamos National Laboratory	DL
Los Alamos National Laboratory	ML
Morgantown Energy Technology Center	FF
Mound Facility	PP
Nevada Operations Office	OO
New Brunswick Laboratory	DL
Notre Dame Radiation Laboratory	BF
Nuclear Materials Facility	DF
Oak Ridge Associated Universities	EF
Oak Ridge National Laboratory	ML
Oak Ridge Operations Office	OO
Pacific Northwest Laboratory	ML
Pantex Plant	PP
Pinellas Plant	PP
Pittsburgh Energy Technology Center	FF
Princeton Plasma Physics Laboratory	DF
Radiobiology Laboratory	EF
Richland Operations Office	OO
Rocky Flats Plant	PP
Safeguards Facility	DF
San Francisco Operations Office	OO
Sandia National Laboratory	DL
Sandia National Laboratory	ML
Savannah River Ecological Laboratory	EF
Savannah River Laboratory	DL
Savannah River Operations Office	OO
Savannah River Weapons Facility	PP
Solar Energy Research Institute	DF
Stanford Linear Accelerator Center	PF
Stanford Synchrotron Radiation Laboratory	BF
Y-12 Plant	PP

4.2 OFFICE OF NAVAL RESEARCH (ONR)

The Office of Naval Research database, ONRINFO, provides information about current research and education programs, research announcements, proposal guidelines, and research facilities. Menu [NR], ONRINFO's main menu, provides options that allow you to access this information. The following section describes the options available on menu [NR]. When selected from the Agency Menu or as the default calling menu (see Section 2.6), menu [NR] will be displayed, as shown below:

ONRINFO	FEDIX	HELPLINE
MENU [NR]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Office of Naval Research Main Menu

- 1 - Introduction
- 2 - Research Programs-Research Programs Department [RY]
- 3 - Research Programs-Applied Research & Tech Directorate [AR]
- 4 - Special Program Announcements [ON]
- 5 - Contract/Grant Administration [AD]
- 6 - Labs, Detachments, Foreign Offices [LB]
- 7 - Procurements & Special Notices (BAA's, RFP's/etc.)
- 8 - Search Programs [SP]
- 9 - System Updates
- 10 - Return to Agency Menu
- 0 - Exit System (Logoff)

Enter selection - ? for assistance:

4.2.1 Introduction

This option provides a description of ONR's mission and activities with regard to advancements in science and technology.

4.2.2 Research Programs Department

The mission of the Research Programs Department is to plan and support basic research, as well as to attract and train science and engineering students. Menu [RY], shown below, provides options that enable you to access information about the Research Programs Department.

ONRINFO	FEDIX	HELPLINE
MENU [RY]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Research Programs Department

- 1 - Overview
- 2 - Math & Physical Sciences Programs [MY]
- 3 - Ocean Sciences Program [OY]
- 4 - Engineering Sciences Programs [ES]
- 5 - Life Sciences Programs [LS]
- 6 - Special Programs Office [SX]
- 7 - Historically Black Colleges Council
- 0 - Exit System (Logoff) [NR] for ONR Main Menu

Enter selection - ? for assistance:

4.2.3 Applied Research & Technology Directorate

The main objectives of the Applied Research & Technology Directorate are to adapt the results of basic research to more goal-oriented research, accelerate the transition of research and technology to the Fleet, and undertake special projects involving advanced technology applications. Options provided on Menu [AR], shown below, will allow you to view and retrieve information on various Directorate research programs.

ONRINFO	FEDIX	HELPLINE
MENU [AR]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Applied Research & Technology Directorate

- 1 - Introduction
- 2 - Applied Research Division [RD]
- 3 - Warfare Technologies Division [WT]
- 4 - Energy & Natural Resources Division [EN]
- 5 - ASW Environmental Acoustic Support Program [AS]
- 6 - Applied Physics Field Division [AP]
- 7 - Navy Ocean Modeling & Prediction Program
- 0 - Exit System (Logoff) [NR] for ONR Main Menu

Enter selection - ? for assistance:

4.2.4 ONR Special Program Announcements

ONR Program Announcements, menu [ON], provides options for locating and viewing special research and educational program information. Menu [ON] is shown below.

ONRINFO	FEDIX	HELPLINE
MENU [ON]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Special Program Announcements

1 - 1992 Summer Faculty Research Program	(summary)
2 - 1992 Sabbatical Leave Program	(summary)
3 - 1992 Young Investigator Program	(summary)
4 - 1992 Graduate Fellowship Program	(summary)
5 - 1992 Summer Faculty Research Program	(detail)
6 - 1992 Sabbatical Leave Program	(detail)
7 - 1992 Young Investigator Program	(detail)
8 - 1992 Graduate Fellowship Program	(detail)
9 - University Research Initiative Program FY 1992	
10 - URI Multidisciplinary Research Program FY92-96	
0 - Exit System (Logoff)	[NR] for ONR Main Menu

Enter selection - ? for assistance:

4.2.5 ONR Contract/Grant Administration

Menu [AD], shown below, allows you to access information regarding the University Business Affairs Directorate, guidelines for preparing and submitting proposals, and information relating to grants, contracts, reports, and inventions.

ONRINFO	FEDIX	HELPLINE
MENU [AD]	ON-LINE INFORMATION SERVICE	(301) 975-0103

ONR Administration

1 - University Business Affairs	
2 - General Proposal Preparation & Evaluation	
3 - Grants, Contracts, Reports, & Inventions	
0 - Exit System (Logoff)	[NR] for ONR Main Menu

Enter selection - ? for assistance:

4.2.6 ONR Labs, Detachments, Foreign Offices

ONR carries out its research activities through two corporate laboratories, two foreign field offices, and various detachments, residencies, and engineering support offices. Menu [LB], shown below, enables you to access information regarding ONR research facilities.

ONRJNPO	FEDIX	HELPLINE
MENU [LB]	ON-LINE INFORMATION SERVICE	(301) 975-0103

ONR Laboratories, Detachments, & Foreign Offices

- 1 - Introduction
- 2 - ONR Laboratories
- 3 - Naval Research Laboratory
- 4 - Major NRL Facilities & Capabilities (A-L) [RA]
- 5 - Major NRL Facilities & Capabilities (M-U) [RB]
- 6 - Naval Oceanographic and Atmospheric Research Laboratory
- 7 - Detachments, Residencies, & Engineering Support Offices
- 8 - Foreign Field Offices

- 0 - Exit System (Logoff) [NR] for ONR Main Menu

Enter selection - ? for assistance:

4.2.7 Procurements & Special Notices (BAA's, RFP's/etc.)

This option provides a list of current requests for proposals (RFP's), broad agency announcements (BAA's) and other important announcements. See Section 3.2 for information about accessing procurements and special notices.

4.2.8 Search Programs by Keywords

This option enables you to search for program information by program name and by keywords or keycodes from the *Keyword Thesaurus* (Rodman and Associates, Inc.). See Section 2.2 for more information about searching by keyword.

4.3 NATIONAL AERONAUTICS & SPACE ADMINISTRATION (NASA)

From NASAINFO's main menu [NN] you can select options that will direct you to descriptions of current research, education, minority assistance programs, reports of space centers' goals and activities, announcements of proposal solicitations, system updates, and guidelines for proposals and awards. The following section describes the options available on this menu. When selected from the Agency Menu or as the default calling menu (see Section 2.6), menu [NN] will be displayed as shown below:

NASAINFO	PEDIX	HELPLINE
MENU [NN]	ON-LINE INFORMATION SERVICE	(301) 975-0103
National Aeronautics And Space Administration Main Menu		
1 - NASA Overview	[OV]	3 - Space Centers [SC]
2 - Research Programs	[RP]	6 - Proposals/Procurements
3 - Educational Programs and Services	[EA]	7 - Proposals & Award Guidelines
4 - Minority Assistance Programs		8 - System Updates
0 - Exit System (Logoff)		9 - Search Programs
Enter selection - ? for Assistance:		

4.3.1 NASA Overview

The NASA Overview option, menu [OV], provides general agency information, as well as an organizational chart, agency highlights, and a yearly budget summary.

4.3.2 Research Programs

Menu [RP], shown below, lists options for accessing information regarding NASA research programs. The sub-menus provide access to information about the goals and activities of each program.

NASAINFO	PEDIX	HELPLINE
MENU [RP]	ON-LINE INFORMATION SERVICE	(301) 975-0103
Research Programs		
1 - Code S: Office of Space Science & Applications		[SA]
2 - Code R: Office of Aeronautics, Exploration & Technology		[ST]
3 - Code M: Office of Space Flight		[SF]
4 - Code T: Office of Space Operations		[SO]
5 - Code C: Office of Commercial Programs		[NC]
0 - Exit System (Logoff)	[NN]- NASAINFO Main Menu	
Enter selection - ? for assistance:		

4.3.3 Educational Programs and Services

NASA's educational programs are designed to encourage more students to pursue careers in science and engineering, and to enhance the knowledge, skills, and experience of teachers and university faculty. Menu [EA] provides options for retrieving information on educational opportunities for elementary, high school, and college students, and on research and training opportunities for teachers and faculty. The menu will appear as shown below:

NASAINFO	FEDIX	HELPLINE
MENU [EA]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Educational Programs and Services

1 - Contacts & Resources	[EI]
2 - Elementary and Secondary Programs	[ED]
3 - University Programs	[EU]
4 - Educational Technology	[ET]
5 - Educational Partnerships	
0 - Exit System (Logoff)	[NN] for NASAINFO Main Menu

Enter selection - ? for assistance:

4.3.4 Minority Assistance Programs

The Minority Assistance Programs sub-system supplies information of interest to faculty and students of U.S. minority educational institutions. It provides a comprehensive list of U.S. minority institutions, as well as descriptions of NASA research and education programs designed to encourage minority participation. See Section 4.5 for more on Minority Assistance information.

4.3.5 Space Centers

Menu [SC] lists NASA research centers. By selecting available options from this menu you can view information about NASA research facilities, including summaries of principal activities and research conducted at each facility. Menu [SC] will be displayed as shown below:

NASAINFO	FEDIX	HELPLINE
MENU [SC]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Space Centers

1 - Ames Research Center	6 - Langley Research Center
2 - Goddard Space Flight Center	7 - Lewis Research Center
3 - Jet Propulsion Lab. Flight Center	8 - George C. Marshall Space Flight Center
4 - Lyndon B. Johnson Space Center	9 - John C. Stennis Space Center
5 - John F. Kennedy Space Center	10 - NASA Headquarters
0 - Exit System (Logoff)	[NN] - NASAINFO Main Menu

Enter selection - ? for assistance:

4.3.6 Proposals/Procurements

Menu [NN] provides information on opportunities for research being supported by NASA. If the "Proposal/Procurements" option is selected, the following screen will appear:

- ***** Procurement Notices Selection Menu *****
1. List and Select Procurement Titles by DEADLINE DATE.
 2. List and Select Procurement Titles in order added to FEDIX..
 3. Search for word or phrase within title.
- Quit. (Back to the main menu

By selecting Option 1, a list of procurement notice titles and associated record numbers will be displayed as shown below.

***** PROCUREMENT NOTICES *****

RECNUM	TITLE
2	High Speed Research Program
3	Atmospheric Effects of Stratospheric Aircraft
12	NASA Specialized Centers of Research and Training
19	Solar Maximum Mission Guest Investigator Program
20	Research in Exobiology
36	Instrumentation for Future Planetary Flight Missions
43	Earth System Science Modeling, Data & Info. System
50	Solicitation of Supporting Research & Technology
53	Mars Observer Participating Scientist Program
57	Neptune Data Analysis Program
58	Materials & Structures Technology

Enter record number to view detail information, press <Enter> to continue listing, 'Q' to quit:

To view a complete description of any of the listed procurement notices, simply type the record number at the prompt. By typing '20', for example, the following record will be displayed.

Deadline: 09/15/92

Title: Research in Exobiology

Refer.: NRA-92-OSSA-5

This NASA Research Announcement (NRA) solicits proposals for basic research in the area of exobiology: the study of the origin, evolution, and distribution of life in the universe.

The goal of NASA's Exobiology Program is to understand the origin, evolution, and distribution of life in the universe. Research is focused on achieving this goal by tracing the pathways taken by the biogenic elements, leading from the origin of the universe through the major epochs in the evolution of living systems and their precursors. These epochs are: 1) The cosmic evolution of the biogenic compounds, 2) prebiotic evolution, 3) the early evolution of life, and 4) the evolution of advanced life.

Press <Enter> for more, or 'Q' to quit listing:

Menu option 2 lists the most recent notices added to FEDIX as first priority, and also includes others regardless of the deadline date on record.

Menu option 3 lists notices specifically by deadline date in descending order.

4.3.7 NASA Proposal & Award Guidelines

Menu [NA], shown below, supplies information on preparing and submitting proposals, grant regulations, and contracting rules.

NASAINFO	FEDIX	HELPLINE
MENU [NA]	ON-LINE INFORMATION SERVICE	(301) 975-0103

NASA Proposal & Award Guidelines

1 - Introduction

2 - Solicited Proposals [SO]

3 - Unsolicited Proposals

4 - Use of Instruments [IN]

0 - Exit System (Logoff)

[NN] - Parent Menu

Enter selection - ? for assistance:

4.3.8 System Updates

This option displays messages that describe updates to NASAINFO.

4.3.9 Search Programs

This option enables you to search for NASA program information using keywords from the *Keyword Thesaurus* (Rodman and Associates, Inc.). See Section 2.2 for more information about searching by keyword.

4.4 FEDERAL AVIATION ADMINISTRATION (FAA)

From FAA's Main Menu [FF], you can select options that will direct you to an agency overview, current events, aviation education program information access to films and videos, procurements, employment opportunities, and education contacts. In addition, you can search programs by keywords and view system updates. Below is the FAA's Main Menu.

FAAINFO	FEDIX	HELPLINE
MENU [FF]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Federal Aviation Administration Main Menu

1 - FAA Agency Overview	[FI]	8 - Regional & State Pgms	[RS]
2 - FAA News for Educators	[FV]	9 - Aviation Industry Pgms	[AI]
3 - Elemen. School Pgms (K-6)	[FL]	10- Additional Resources	[AD]
4 - Middle/Secondary Pgms	[MS]	11- FAA Procurements	
5 - College/University Pgms	[FU]	12- FAA Employment	[FN]
6 - Minority Programs	[FY]	13- Search Programs	[SP]
7 - FAA Resource Centers	[RC]	14- System Updates	
		15- Return to Agency Menu	

0 - Exit System (Logoff)

Enter selection - ? for Assistance:

4.4.1 FAA Agency Overview

This option provides an overview of the FAA's mission, goals, and activities. A screen like the one below will be displayed.

FAAINFO	FEDIX	HELPLINE
MENU [FI]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Agency Overview

1 - Introduction	
2 - FAA Historical Information	[FS]
3 - 32 Most Asked Questions	
4 - Public Awareness	
0 - Exit System (Logoff)	[FF] for FAAINFO Main Menu

4.4.2 FAA News for Educators

Menu option [FV] provides information on aviation education reports, aviation education calendar, and news releases.

4.4.3 Elementary School Programs (K-6)

Menu option [FL] provides elementary aviation education programs that cover areas of interest to youngsters, these are shown in the menu below.

FAAINFO	FEDIX	HELPLINE
MENU [FL]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Elementary Aviation Education Programs

- 1 - Air Bear Program
- 2 - Young Artist Contest
- 3 - Vintage DC-3

0 - Exit System (Logoff)

[FF] for FAAINFO Main Menu

4.4.4 Middle and Secondary Education Programs

Menu option [MS] offers interesting programs to students in junior high and high school age. These programs are intended to attract young people into aviation-related career fields.

4.4.5 College and University Programs

This menu option provides information on college and university level aviation education teacher workshops and the Airway Science Curriculum program.

4.4.6 Minority Programs

Menu option [FY] lists elements of the Historically Black Colleges and Universities (HBCU's) Program, including the FAA's Airway Science Curriculum Program, Research, Engineering and Development Program, Cooperative Education Programs and Joint Contractual Opportunities. Menu [FY] is shown below.

FAAINFO	FEDIX	HELPLINE
MENU [FY]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Historically Black Colleges and Universities Program

- 1 - Introduction [CI]
- 2 - Airway Science Curriculum Program
- 3 - Research, Engineering and Development
- 4 - Cooperative Education Programs
- 5 - Joint Contractual Opportunities

- 0 - Exit System (Logoff) [FF] for FAAINFO Main Menu

Enter selection - ? for Assistance:

4.4.7 Airway Science Curriculum Program

The selection of option '2' from the menu above will reveal a list of programs available in the Airway Science Curriculum. A screen like the one below will appear.

***** FAA Program Information *****

Program Name: Airway Science Curriculum Program
Unsolicited Proposal Deadline: NONE
Contact(s): Dr. George B. Thomas, Sr. (202) 267-3267
Keycode Keyword
1016060 Aviation Technology
0502031 Science Education
0000099 Minorities
0502000 Educational/Instructional Programs
0505000 Higher Education
0502041 Computer Education/Literacy

***** MENU *****

- 1 - Contact Address
- 2 - Program Desc.
- 3 - Proc. Notices
- 4 - Search by Name
- 5 - Search by Keyword
- 6 - Search by Keycode
- 7 - Next Record
- 8 - Previous Record
- 0 - Logoff
- Q - Quit

Enter selection:

Contact Address

Entering option '1 - Contact Address' from the submenu above will display the following information on the screen:

Name: Dr. George B. Thomas, Sr.
Phone: (202) 267-3267
Title: Manager, Historically Black Colleges and Universities Program
Office: FAA Office of Civil Rights, ACR-4
Address: Federal Aviation Administration
800 Independence Avenue, S.W.
Washington, D.C. 20591

Press any key to continue....

Airway Science Curriculum Program Description

Selecting option '2 - Program Description' will display a full description of the Airway Science Curriculum Program including participating institutions, information on funding and procedures to participate in the program. The display on the screen will look like the one below.

***** Program Description *****

AIRWAY SCIENCE CURRICULUM PROGRAM

The FAA in cooperation with the University Aviation Association, sponsors the Airway Science Curriculum Program, which provides grants to institutions of higher education to establish specific aviation-related curricula. Historically Black Colleges and Universities are encouraged to participate in this high technology program to train and educate the aviation industry's future workforce.

Funding for the program is authorized on an annual basis by the U.S. Congress for use by institutions to purchase, lease, or construct buildings, facilities, instructional materials or equipment to support an Airway Science degree program.

FAA solicits competitive proposals for Airway Science grants that are awarded to:

- o Minority institutions
- o Majority institutions with enrollment less than 6,500 students -
- o Majority institutions with enrollment greater than 6,500 students -

Press <Enter> for more, 'Q' to quit listing:

4.4.8 FAA Resource Centers

This menu option will guide you to two other menus, [CC], Resource Center Contacts and Addresses, and [RE], Information About Individual Resource Centers.

Regional and State Programs

Menu option [RS] provides information on aviation programs by FAA Regional Offices. Each regional office covers several states and is the focal point for those states under their jurisdiction. See menu below.

FAAINFO	FEDIX	HELPLINE
MENU [RS]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Regional and State Programs

1 - Alaskan Region [AH]	7 - Southern Region [SH]
2 - Central Region [IM]	8 - Southwest Region [SW]
3 - Eastern Region [MO]	9 - Western-Pacific Region [WP]
4 - Great Lakes Region [PW]	10- FAA Region/Center Aviation Education Officers
5 - New England Region [NG]	11- State Aviation Ed Contacts
6 - Northwest Mountain [NW]	
0 - Exit System (Logoff)	[FF] for FAAINFO Main Menu

4.4.9 Aviation Industry Programs

Menu option [AI] offers a list in alphabetical order of organizations in the aviation industry and industry aviation education contacts.

4.4.10 Additional Resources and Contacts

For information on newsletters, videos and publications and national aviation education contacts, select menu option [AD].

4.4.11 FAA Procurements

The FAA Procurements option on menu [FF] provides options to list procurement notices from the Commerce Business Daily and Federal Register. See section 3.2 for more information on accessing procurement information.

4.4.12 FAA Employment

Menu option [FN] offers information on position announcements and also lists all FAA Headquarters, Center and Regional personnel offices, mailing addresses and phone numbers.

4.4.13 Search Programs

Menu [SP] provides options to list and select FAA programs. Accessing program information is described in detail in Section 3.1.

4.5 FEDERAL AGENCY MINORITY OPPORTUNITIES

Current agencies participating in the Federal Agency Minority Opportunities program include Department of Energy (DOE), Department of Commerce (DOC), Department of Housing and Urban Development (HUD), Federal Aviation Administration (FAA), National Aeronautics and Space Administration (NASA), Office of Naval Research (ONR), Air Force Office of Scientific Research (AFOSR), Agency for International Development (AID), Department of Agriculture (USDA), and Defense Information Systems Agency (DISA)/Defense Automation Resources Information Center (DARIC).

Agencies providing minority assistance information exclusively are DOC, HUD, AID, USDA, and DISA/DARIC.

At the FEDIX Main Menu, select Option 2, Minority Program Information to display the MININFO Main Menu below:

MININFO	FEDIX	HELPLINE
MENU [MI] ON-LINE INFORMATION SERVICE (301) 975-0103		

Minority Main Menu

- 1 - SELECT AGENCY [AG]
- 2 - Scholarships & Fellowships for Minorities & Women [SF]
- 3 - Annual Federal Plans [M2]
- 4 - News
- 5 - Search Minority Programs [SS]
- 6 - System Updates
- 7 - Return to FEDIX Main Menu

- 0 - Exit System (Logoff)

Agency Minority Information

By selecting option 1, you can display a list of agencies providing minority information. Agencies shown on menu [AG], below, provide general information about meeting agency objectives for training and collaboration with minority students and faculty. Specific information about research, education, and other opportunities to minority students and faculty is also available.

MININFO	FEDIX	HELPLINE
MENU [AG] ON-LINE INFORMATION SERVICE (301) 975-0103		

Federal Minority Opportunities

- 1 - Department of Commerce [M1]
- 2 - Department of Energy [M2]
- 3 - Department of Housing & Urban Development [M3]
- 4 - National Aeronautics & Space Administration [M4]
- 5 - Federal Aviation Administration [M6]
- 6 - Office of Naval Research [M7]
- 7 - Agency for International Development [M8]
- 8 - Air Force Office of Scientific Research [AS]
- 9 - Department of Agriculture [M9]
- 10 - Department of Defense HBCU/MI Equipment Program [M5]

0 - Exit System (Logoff)

4.5.1 Department of Commerce (DOC)

By selecting Option 1 from menu [M1], for example, the Department of Commerce menu [M1] appears, as shown below.

MININFO	FEDIX	HELPLINE
MENU [M1] ON-LINE INFORMATION SERVICE (301) 975-0103		

Department of Commerce (DOC)

- 1 - Introduction
- 2 - Minority Programs [CP]
- 3 - FTA District Office Directory [C3]
- 4 - Current Events

0 - Exit System (Logoff)

[M1] for MININFO Main Menu

Each agency has a menu with options similar to those shown on [M1] above, including general agency information, minority targeted federal programs, and current events. By selecting the Minority Programs option menu, [CP], categories of minority programs offered under specific offices of the Department of Commerce are displayed. Menu [CP] is shown below.

MININFO	FEDIX	HELPLINE
MENU [CP] ON-LINE INFORMATION SERVICE (301) 975-0103		

DOC Minority Programs

- 1 - U.S. Department of Commerce Programs [C1]
- 2 - International Trade Administration Programs [C2]
- 3 - National Institute of Standards
& Technology Programs [C3]
- 4 - National Technology Information Service
- 0 - Exit System (Logoff) [M1] for Parent Menu
[M1] for MININFO Main Menu

By selecting Option 2 on menu [CP], menu [C2], shown below, is displayed. This menu lists specific programs under the International Trade Administration Programs of the Department of Commerce.

MININFO	FEDIX	HELPLINE
MENU [C2] ON-LINE INFORMATION SERVICE (301) 975-0103		

International Trade Administration Programs

- 1 - Export Promotion Asst Program
- 2 - Caribbean Basin Division
- 3 - Commercial Info. Mgmt. System
- 4 - Trade Opportunities Program
- 5 - Comparison Shopping Service (CSS)
- 6 - Agent/Distributor Service (ADS)
- 7 - Commercial News USA (CNUSA)
- 8 - Catalog & Video/Catalog Exhibition
- 9 - World Traders Data Report (WTDR)
- 10 - Trade Mission
- 11 - Matchmaker Trade Delegation
- 12 - Trade Fair & Exhibition
- 0 - Exit System (Logoff) [CP] for Parent Menu
[M1] for MININFO Main Menu

By selecting Option 1 on menu [C2], Export Promotion Asst. Programs, for example, a program information screen will be displayed, as shown below.

***** Program Information *****

Program Name: Export Promotion Assistance Program

Unsolicited Proposal Deadline: NONE

Contact(s): SBE TEXT

Keycode	Keyword
0901022	International Trade & Finance
0411001	International Planning/Policy
0412004	International Relations/Diplomacy
0801017	International and Comparative Law
0901028	Marketing
0801049	Trade Regulation Law

***** MENU *****

1 - Contact Address	4 - Search by Name	7 - Next Record	0 - Logoff
2 - Program Desc.	5 - Search by Keyword	8 - Previous Record	Q - Quit
3 - Proc. Notices	6 - Search by Keycode		

Enter selection:

Select menu options at the bottom of the Program Information screen to view additional information about the program. See section 3.1 for more guidance on accessing program information.

4.5.2 Department of Energy (DOE)

Menu option [M2] offers the Department of Energy's participation in this program. Menu [M2] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M2]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Department of Energy (DOE)

- 1 - Introduction
 - 2 - Minority Programs [EP]
 - 3 - Current Events
 - 0 - Exit System (Logoff)
- [M1] for MININFO Main Menu

Selecting menu option [EP] from the menu above will display the menu below.

MININFO	FEDIX	HELPLINE
MENU [EP]	ON-LINE INFORMATION SERVICE	(301) 975-0103

DOE Minority Programs

- 1 - Institutional Programs [E1]
 - 2 - Faculty Programs [E2]
 - 3 - Graduate Student Programs [E3]
 - 4 - Undergraduate Student Programs [E4]
 - 5 - Pre-College Student Programs [E5]
 - 0 - Exit System (Logoff)
- [M2] for Parent Menu
[M1] for MININFO Main Menu

Selecting menu option [E3] will display the menu that follows.

MININFO	FEDIX	HELPLINE
MENU [B3] ON-LINE INFORMATION SERVICE (301) 975-0103		

DOE Graduate Student Programs

1 - Nuclear Energy Research	[NE]	8 - Research Travel
2 - Magnetic Fusion Research	[MF]	9 - Coal Research Training
3 - Research Associates at INEL		10 - Science and Engineering
Research Semester
4 - HBCU Summer Students		11 - Summer Employment for
Native Americans
5 - One-Year-On-Campus		
6 - Health Physics Fellowships		
7 - Envir. Restoration/Waste
Management Fellowships		
0 - Exit System (Logoff)	[EP] for Parent Menu
[MI] for MININFO Main Menu	

4.5.3 Department of Housing and Urban Development (HUD)

Menu Code [M3] displays minority program information from the U.S. Department of Housing and Urban Development. Menu [M3] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M3] ON-LINE INFORMATION SERVICE (301) 975-0103		

U.S. Department of Housing and Urban Development (HUD)

1 - Introduction	
2 - Minority Programs	[HP]
3 - Current Events	
0 - Exit System (Logoff)	[MI] for MININFO Main Menu

Menu option [HP] displays the following menu which offers five major education programs.

MININFO	FEDIX	HELPLINE
MENU [HP]	ON-LINE INFORMATION SERVICE	(301) 975-0103

HUD Minority Programs

- 1 - Institutional Programs [H1]
- 2 - Faculty/Professional Programs [H2]
- 3 - Graduate Student Programs [H3]
- 4 - Undergraduate Student Programs [H4]
- 5 - Pre-College Student Programs [H5]
- 6 - Other

0 - Exit System (Logoff)

[M3] for Parent Menu

[MI] for MININFO Main Menu

4.5.4 National Aeronautics and Space Administration (NASA)

Menu option [M4] displays NASA's information on minority programs. Menu [M4] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M4]	ON-LINE INFORMATION SERVICE	(301) 975-0103

National Aeronautics & Space Administration (NASA)

- 1 - Introduction
- 2 - Minority Programs [NP]
- 3 - Current Events

0 - Exit System (Logoff)

[MI] for MININFO Main Menu

From menu option [NP] you can select menu [NU] which displays the following programs shown on the menu below.

MININFO	FEDIX	HELPLINE
MENU [NU]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Undergraduate Student Programs

1 - Organization for Minorities
in Engineering	5 - Computer Applications
2 - Mt. Holyoke "SummerMath"	6 - Women in Science and Engineering
3 - Recruit/Retention in Engr.	7 - Advancing Careers in Engineering
4 - Engineering Enrichment	8 - Undergraduate Researchers
0 - Exit System (Logoff)	[NP] for Parent Menu
[MI] for MININFO Main Menu

4.5.5 Federal Aviation Administration (FAA)

Menu option [M6] displays the FAA's minority program information. Menu [M6] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M6]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Federal Aviation Administration

1 - Introduction	[CI]
2 - Minority Programs	[MP]
3 - Current Events	
0 - Exit System (Logoff)	[MI] for MININFO Main Menu

From the above screen, menu option [MP] can be selected to display the menu below.

MININFO	FEDIX	HELPLINE
MENU [MP]	ON-LINE INFORMATION SERVICE	(301) 975-0103

FAA Minority Programs

- 1 - Airway Science Curriculum Program
- 2 - Research, Engineering and Development
- 3 - Cooperative Education Programs
- 4 - Joint Contractual Opportunities

0 - Exit System (Logoff)

[M6] for Parent Menu

[MI] for MININFO Main Menu

4.5.6 Office of Naval Research (ONR)

Menu [M7] from the Federal Agency Minority Opportunities main menu, displays the Office of Naval Research's minority programs. Menu [M7] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M7]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Office of Naval Research

1 - Introduction

2 - Minority Programs [ON]

3 - Current Events

0 - Exit System (Logoff)

[MI] for MININFO Main Menu

Menu option [ON], below, shows the following information.

MININFO	FEDIX	HELPLINE
MENU [ON]	ON-LINE INFORMATION SERVICE	(301) 975-0103

ONR Minority Programs

- 1 - Small Business Innovation Research (SBIR)
- 2 - University Res. Initiatives/Res. Initiation Program
- 3 - Historically Black Colleges Council

0 - Exit System (Logoff)

[M7] for Parent Menu

[MI] for MININFO Main Menu

4.5.7 Agency for International Development (AID)

Menu [M8] from the Federal Agency Minority Opportunities main menu, displays the Agency for International Development minority programs. Menu [M8] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M8]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Agency for International Development

1 - Introduction

2 - Minority Programs [AX]

3 - Current Events

0 - Exit System (Logoff)

[MI] for MININFO Main Menu

4.5.8 Air Force Office of Scientific Research (AFR)

Menu [AS] from the Federal Agency Minority Opportunities main menu, displays the Air Force Office of Scientific Research minority programs. Menu [AS] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M5]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Air Force Office of Scientific Research

1 - Introduction

2 - Minority Programs [SC]

3 - Current Events

0 - Exit System (Logoff)

[MI] for MININFO Main Menu

4.5.9 Department of Agriculture (USDA)

Menu [M9] from the Federal Agency Minority Opportunities main menu, displays the Department of Agriculture's minority programs. Menu [M9] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M9]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Department of Agriculture

1 - Introduction

2 - Minority Programs [AR]

3 - Current Events

0 - Exit System (Logoff)

[MI] for MININFO Main Menu

4.5.10 Department of Defense (DISA/DARIC) HBCU/MI Equipment Program

Menu [M5] from the Federal Agency Minority Opportunities main menu, enables you to search and display equipment items provided under the DoD HBCU/MI Equipment Program. The program, which is administered by the Defense Information Systems Agency (DISA)/Defense Automation Resources Information Center (DARIC), enables HBCU/MI programs, faculty, students and staff to utilize DoD computer equipment at no cost to the user (except for shipping costs). The equipment list on FEDIX contains thousands of pieces of DoD computer equipment that are currently available for Historically Black Colleges and Universities and other minority institutions. Menu [M5] is shown below.

MININFO	FEDIX	HELPLINE
MENU [M5]	ON-LINE INFORMATION SERVICE	(301) 975-0103

Department of Defense (DISA/DARIC) HBCU/MI Equipment Program

1 - Search Equipment List

2 - What is DISA/DARIC?

3 - How the HBCU/MI Equipment Program Works

4 - Equipment Condition Codes

0 - Exit System (Logoff)

[MI] for MININFO Main Menu

4.5.11 Procurement Notices

To access procurement information, select an agency from menu [AG] and then choose the 'Procurement Notices' option for that agency. This option will allow you to: 1) list and select procurements by title 2) show the most recent notices added to FEDIX (regardless of deadline date), and 3) display notices by deadline date in descending order.

4.5.12 Search Minority Programs

The Search Programs option will allow you to search for minority program information by program name, keycode or keyword and to list all program titles and keyword. See menu [SS] below.

MININFO	FEDIX	HELPLINE
MENU [SS]	ON-LINE INFORMATION SERVICE (301) 975-0103	

Minority Program Information

- 1 - Search by Program Name
- 2 - Search by Keycode
- 3 - Search by Keyword
- 4 - List all Programs
- 5 - List all Keywords

0 - Exit System (Logoff)

[MI] for MININFO Main Menu

4.5.13 Minority Education Contacts

The Minority Education Contacts option on the MININFO Main Menu lists the names, addresses, and phone numbers of all program officers listed as contacts for minority Programs. The contact list is searchable by last name, or partial name.

Appendix

LIST OF COMMANDS

DOWNLOAD - Displays a list of files for downloading.
EDIT - Prompts to edit **ADDRESS** or **MENU**.
EDIT ADDRESS - Allows you to edit your address information.
HELP - Displays the help index screen.
LIST - Prompts for items to list.
LIST CONTACTS - Lists all contacts with address information.
LIST EEGADS - Lists with searching capabilities used eligible equipment.
LIST KEYWORDS - Lists all keywords and keycodes.
LIST NOTICES - Lists procurement notices.
LIST PROGRAMS - Lists program names in alphabetical order.
LIST PUBLICATIONS - Lists all publications.
LIST UPDATES - Lists the system updates.
LOGOFF - Logs you off of the system.
MORETIME - Gives you more time on the system (authorization required).
READ MESSAGES - Lists your messages.
RETURN - Returns you to the **FEDIX** Main Menu
SEARCH - Prompts to search **PROGRAMS** or **EEGADS**.
SEARCH EEGADS - Same as **LIST EEGADS**.
SEARCH PROGRAMS - Prompts to search by **KEYCODE**, **KEYWORD**, or **NAME**.
SEARCH PROGRAMS KEYCODE - Searches for programs by keycode.
SEARCH PROGRAMS KEYWORD - Searches for programs by keyword.
SEARCH PROGRAMS NAME - Searches for a program by name.
TIME - Displays the current time and the time remaining on the system.

[Commands are shown in all caps for display purposes only.]

END

DATE

FILMED

11/11/94