ETHERMENU USER'S GUIDE

for use with

DOS 2.0, 2.1, and 3.0

November, 1984

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SECTION 1

USING ETHERMENU

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INTRODUCTION

EtherMenu allows you to use menus to select the tasks you
want to perform. You can use the set of menus and
applications provided with your EtherSeries software or
you can design your own set of menus. See the
EtherMenu/PC Administrator's Guide for information on
designing your own menus.

This manual describes the 3Com EtherSeries standard menus
that are provided on your EtherMenu Software diskette.
It tells you how to choose an option from a menu, respond
to questions or prompts that appear on the screen, return
to a previous menu, or return to the DOS prompt.

Appendix A lists error messages and corrective actions.

Before you can use EtherMenu, the menus and applications
you want to use must be installed. Installation
instructions are given in the EtherMenu/PC
Administrator's Guide.

Regardless of whether you use the standard menus or
customized menus, follow the procedures given in this
section to start using the menu system and to choose an
option from a menu.

GETTING STARTED

First start your computer with your EtherSeries/DOS
diskette in drive A: or start from your fixed disk, if
you have one. If the Main Menu appears immediately (see
figure 1-1), you can skip to "Using Menus".

If the DOS A> or C> prompt appears, you must start the
menu system as shown in the following example. In order
to use EtherMenu, you must be logged in to a server with
your user name. You must link the system volume to drive
D: and your INBOX volume to drive E:. The INBOX volume
is the one you use for your data files and for your mail,
if you are using EtherMail. These steps are described
below.

Follow the example below using your own user name. You
can type in upper- or lowercase letters. (For detailed
descriptions of the ES commands and more information
about linking a drive specifier and a volume, see the
EtherShare User's Guide.) The symbol ◄─┘ represents the
ENTER key in all examples in this guide.

The following example works with the recommended
EtherMenu installation described in the EtherMenu/PC
Administrator's Guide. If the installation has been
modified, you will need to get special instructions for
starting EtherMenu.

To start EtherMenu:

1.   Log in with your EtherShare user name. For example:

          A> **ES LOGIN JENNY** ◄─┘

     EtherShare confirms that you have successfully
     logged in to your server:

          JENNY logged in to SHARE1.
          Your EtherShare drives are C: through F:

2.   Link the system volume to drive D: by typing:

          A> **ES LINK D: SYS.SYS2** ◄─┘

     EtherShare confirms that the volume is linked:

          SYS.SYS2 linked to D:

3. Link your INBOX volume to drive E by typing:

       A> **ES LINK E: INBOX** ◄┘

    EtherShare confirms that your INBOX volume is
    linked:

       INBOX linked to E:

4. Change the current drive to E: by typing:

       A> **E:** ◄┘

5. Start the menu system by typing:

       E> **ESMENU** ◄┘

USING MENUS

The EtherSeries standard menus include a Main Menu,
EtherSeries Utilities Menu, DOS Utilities Menu, and
Network Volumes and Printers Menu.

Main Menu

The first menu to appear is the Main Menu. It displays
categories of tasks you can perform. When you choose one
of the options, a second menu presents a list of specific
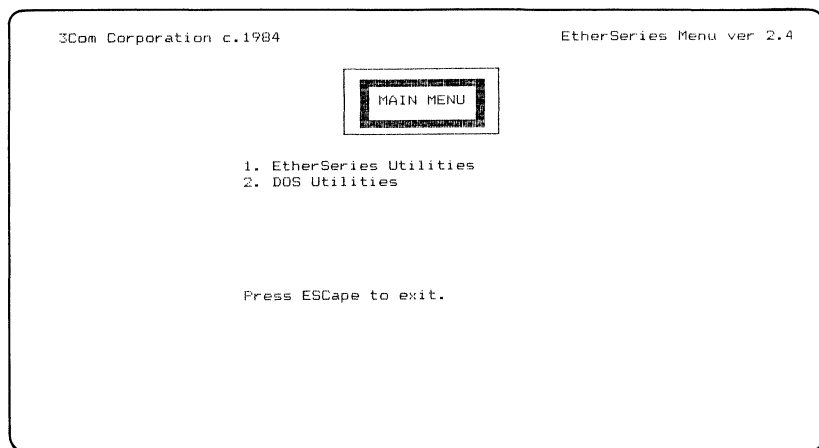tasks or commands for you to choose.

```
┌──────────────────────────────────────────────────────────────┐
│                                                                │
│   3Com Corporation c.1984                EtherSeries Menu ver 2.4│
│                            ┌─────────────────┐                 │
│                            │▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓│                 │
│                            │   MAIN MENU   ▓│                 │
│                            │▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓│                 │
│                            └─────────────────┘                 │
│                                                                │
│                    1. EtherSeries Utilities                    │
│                    2. DOS Utilities                            │
│                                                                │
│                                                                │
│                                                                │
│                    Press ESCape to exit.                       │
│                                                                │
│                                                                │
│                                                                │
│                                                                │
└──────────────────────────────────────────────────────────────┘
```

Figure 1-1. Main Menu

To choose an option from a menu, you can use one of three
methods:

●   Move the cursor to your choice by pressing the ↓
     or ↑ cursor movement keys. When the option you
     want is highlighted, press ↵ .

●   Type the number that corresponds to the option you
     want. For example, to choose DOS Utilities from the
     Main Menu, you would type **2.**

●   Type as many characters as needed to make your
     choice unique. For example, if the choices are
     Help, Link, and Logout, you can type H for Help,
     Li for Link, and Lo for Logout.

After you choose an option, the next menu (a submenu)
appears.

You can always cancel what you are doing and return to
the previous menu by pressing the **Esc** key. If necessary,
you can press **Esc** at the Main Menu to return to the DOS
prompt.

EtherSeries Utilities Menu

If you choose option 1 from the Main Menu, the
EtherSeries Utilities Menu appears.

```
3Com Corporation c.1984                    EtherSeries Menu ver 2.4


                    ┌─────────────────────────────┐
                    │    EtherSeries Utilities     │
                    └─────────────────────────────┘

              1. Help
              2. Link Network Volumes and Printers
              3. "Tour" the Network
              4. LOGOUT



              Press ESCape to exit.
```
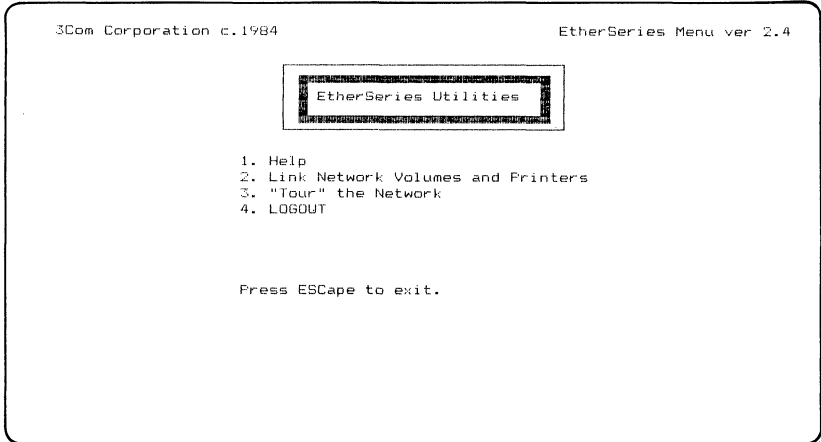
Figure 1-2.   EtherSeries Utilities Menu

The choices on the EtherSeries Utilities Menu allow you
to do the following:

1. Get helpful information about the EtherSeries
    Utilities listed on this menu. When you have
    finished with the Help information, press any key to
    return to the EtherSeries Utilities Menu.

2. Link network volumes and printers, obtain
    information about current links, and perform other
    network operations. Instructions for using this
    option are given later in this section. See
    "Performing Network Operations."

3. Take a tour of the EtherSeries network system to see
    which features are available to you and what the
    various commands do.

4. Log out; that is, end your connection with the
    server.

DOS Utilities Menu

If you choose option 2 from the Main Menu, the DOS
Utilities Menu appears.

```
    3Com Corporation c.1984                    EtherSeries Menu ver 2.4


                              ┌─────────────────────┐
                              │    DOS Utilities     │
                              └─────────────────────┘

                    1. Help
                    2. List File Directory
                    3. Copy File(s)
                    4. Display a File on the Screen
                    5. Format a Diskette
                    6. Run a Program


                    Press ESCape to exit.
```
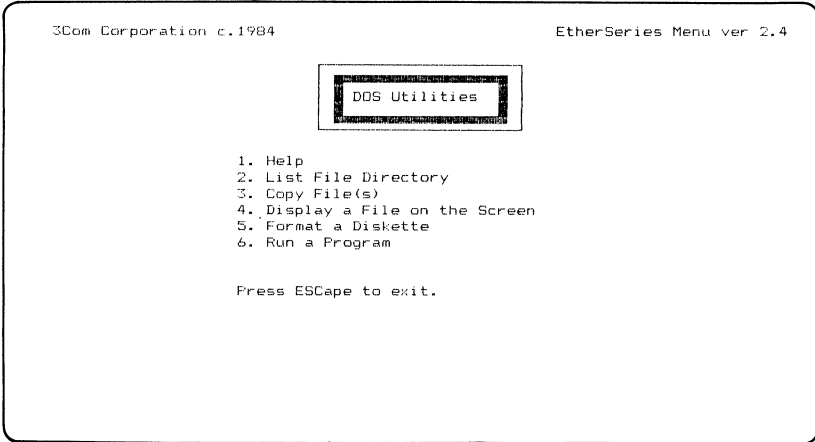
Figure 1-3.   DOS Utilites Menu

When you choose an option from this menu, one or two
prompts requesting additional information may appear.
Type the information and press ◄┘ .   Some examples of
prompts are given below.

The choices on the DOS Utilities Menu allow you to do the
following:

1.   Get helpful information about the DOS Utilities
     listed on this menu. When you are finished with the
     Help information, press any key to return to the DOS
     Utilities Menu.

2.   List the directory of a specific disk drive. When
      you are prompted, type the drive specifier followed
      by a colon and press ◄┘ . For example:

      List Directory for what drive? (C:, D:, etc.): **A:** ◄┘

      In this example, the directory for the diskette in
      drive A: is displayed. Press any key to display more
      of the directory or to return to the DOS Utilities
      Menu after displaying the whole directory.

3.   Copy a file or a group of files. Use the standard
      DOS naming conventions to reply to the prompts. Use
      DOS wild card characters (* and ?) if you want to
      copy more than one file. Press ◄┘ to complete your
      reply. For example:

      Enter the drive and name of file(s) to copy: **B:*.DOC** ◄┘
      Enter the drive and name of new file(s): **A:** ◄┘

      In this example, files on the diskette in drive B:
      with the file extension .DOC are copied to drive A:.
      The files are copied with the same names as the
      original files. This utility operates just like the
      DOS COPY command. See your DOS manual for more
      information about how to specify the files you want
      to copy.

4.   Display the contents of a file on the screen. When
      you are prompted, type the drive specifier followed
      by a colon and the name of the file and press ◄┘ .
      For example:

      Enter the drive letter and filename: **A:ACCTLIST** ◄┘

      In this example, the file ACCTLIST appears on your
      screen one page at a time. Press any key to display
      the next page or to return to the DOS Utilities
      Menus when you finish displaying the file.

5.   Format a diskette. When you are prompted, type the
      drive specifier and press ◄┘ . You can include any
      of the optional parameters of the DOS FORMAT command
      after the drive specifier. For example:

In what drive is the diskette to be formatted? **A:** ◄┘
Enter any optional parameters (/s or /v): **/S** ◄┘

In this example, the diskette in drive A: is
formatted and the DOS system files are copied to the
diskette as requested by parameter /S. (See your
DOS manual for information about the optional
parameters.)

6. Run a program. When you are prompted, type the name
    of the program followed by any parameters required.
    Then press ◄┘ . Use the standard DOS file naming
    conventions to indicate the program you want to run.
    For example:

    What is the name of the program to run? **A:INQUIRY3** ◄┘
    Enter additional parameters (RETURN to proceed): ◄┘

    This example runs a program called INQUIRY3, which
    is on a diskette in drive A:.

    NOTE: If a program is located on another drive,
    typing the drive specifier before the program name
    allows the menu system to locate only the main
    program file. It does not change the current drive.
    Therefore, do not use this menu choice to run a
    program that consists of multiple files, because
    only the first file will be located. Also, do not
    run a DOS command or application that is a .BAT
    file, because the menu system will not be
    automatically restarted.

PERFORMING NETWORK OPERATIONS

If you choose option 2 (Network Volumes and Printers)
from the EtherSeries Utilities Menu, the Network Volumes
and Printers Menu appears.

```
3Com Corporation c.1984                          EtherSeries Menu Ver.2.4
                        Network Volumes and Printers
  ┌ Object Selections ────────────┐
  │ HELP VOLUME PRINTER USER SERVER │
  │ Display help information        │
  └─────────────────────────────────┘




  ┌ Drv   User      Volume ┐  ┌ Link    Server    #  Printer ──────┐
  │ C              DATUM    │  │                                      │
  │ D  │ RALEIGH │ SYS2     │  │         │         │                  │
  │ E              INBOX    │  │                                      │
  │ F  │ PAULS   │ UTIL     │  │         │         │                  │
  └─────────────────────────┘  └──────────────────────────────────────┘
```
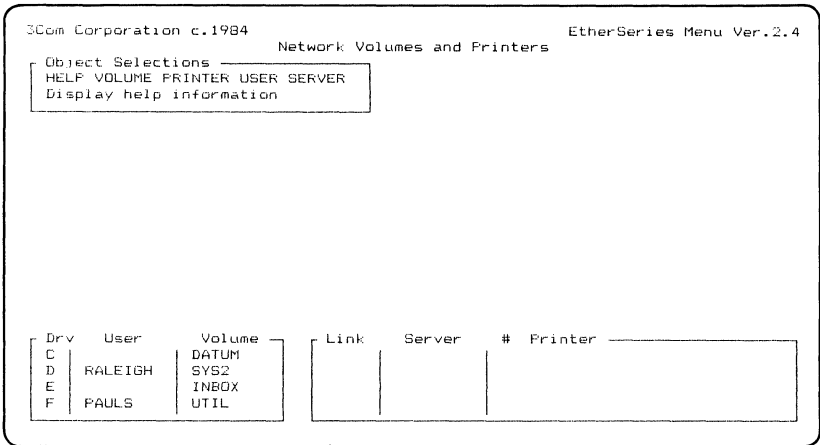
Figure 1-4.   Network Volumes and Printers Menu

This menu provides a useful and convenient method for
using EtherShare ES commands and EtherPrint EP commands
without having to remember the specific command format
and parameters.

As you use this menu, refer to the EtherShare and
EtherPrint User's Guides for details about the operations
you are performing (if you don't already know about
them).

The initial Network Volumes and Printers Menu displays
the following information:

● Selections you can make from this menu appear in
  the Object Selections window

● Links that are currently established appear in the
  status windows at the bottom of the menu

When you use the Network Volumes and Printers Menu to
perform a specific operation, you will always follow the
same basic steps:

1. Select an object from the Object Selections window.

2. Select an operation from the Operations window.

3. Provide parameters in the parameter window.

4. Carry out the command by pressing ◄┘ .

The information on the following pages describes the
basic steps in detail, then discusses using the Network
Volumes and Printers Menu in general.

1. Selecting an Object

The items shown in the Object Selections window are
the major categories you can choose from this menu.
To select an item (or "object"), press either the
─► or ◄─ cursor movement keys until the item you
want is highlighted, then press ◄┘ .

For example, if you want to link to a volume, select
VOLUME from this menu. A list of specific
operations you can perform appears in the Operations
window below the Object Selections window. A
directory of users and volumes appears in the
vertical directory windows at the right of the menu.

2.   **Selecting an Operation**

After you choose a major item from the Object
Selections window, specific operations appear in the
Operations window. To select the operation you want
to perform, press either the →► or ◄— cursor
movement keys until the operation you want is
highlighted, then press ◄—┘ . For example, to link
to a volume, select **LINK** from this window.

3.   **Providing Parameters**

After you choose an item from the Operations window,
a parameter window appears below the Operations
window. You use the parameter window to fill in
specific details about the operation you want to
perform -- for example, the name of the volume you
want to link to.

To enter information in a parameter window, press
the Tab key to move the cursor to the appropriate
field, then type the specific information you want
to use.

For example, to link to a volume called INBOX, move
the cursor to the **Volume** field in the parameters
window and type **inbox**. For complete information
on the parameters you can use with the ES and EP
commands, see the EtherShare and EtherPrint User's
Guides.

4.   **Carrying Out a Command**

When you have selected an item from the Object
Selections window, selected a specific operation
from the Operations window, and supplied the
necessary parameters for the command, press ◄—┘
to carry out the command.

If the command is successful, the parameter window
disappears and the cursor moves back to the
Operations window. The status window at the bottom
of the menu is updated to reflect any new links you
have established. Press **Esc** if you want to go
back to the Object Selections window.

If the command is not successful, an error message
appears in a window at the bottom of the menu.
For a description of error messages and recovery
procedures, see the Error Messages appendix in the
EtherShare or EtherPrint User's Guide.

Using the Network Volumes and Printers Menu

The following is a general description of using the
Network Volumes and Printers Menu. Use this information
in combination with steps 1 through 4 on the previous
pages. Regardless of the operation you want to perform,
you will follow the same steps and use the Network
Volumes and Printers Menu in the same way.

Getting Help

At any time while you are using the Network Volumes and
Printers Menu, you can display helpful information about
the operation you are performing. Press either the ⟶
or ⟵ cursor movement key until the word HELP in the
Object Selections window is highlighted, then press ◄┘ .
Help information appears at the right of the menu. When
you have finished with this information, press any key to
remove it from the screen.

Moving the Cursor

● In the Object Selections or Operations window, move
the cursor to the right with the ⟶ cursor movement
key and to the left with the ⟵ cursor movement
key.

● In a parameter window, move the cursor to the next
field with the **Tab** key and to the previous
field with **Shift-Tab.**

● In a vertical directory window, move the cursor down
with the ▼ cursor movement key and up with the ▲
cursor movement key.

● If there is more than one directory window, move the
cursor to the next window by pressing the plus (+)
key on the numeric keypad (not the plus key on the
top row of the keyboard).

• In a directory window, press the **Home** key to move
  the cursor to the first item listed in the window;
  press the **End** key to move the cursor to the last
  item.

• In a directory window, press the **PgUp** key to
  display the previous window of information; press
  the **PgDn** key to display the next window.

Changing Directories

In the vertical directory window, press the ↑ or ↓ cursor
movement keys to highlight the user whose volumes you want to
display. Then press the asterisk (*) on the **PrtSc** key at the
lower right of the keyboard. You must use the asterisk on the
PrtSc key; the asterisk on the top row of the keyboard cannot be
used to display a user's volumes.

Entering Parameters

In the parameter window, press the **Tab** key to move the
cursor to the appropriate field and type the parameter
you want to use. If there is more than one parameter,
move the cursor and type parameters in all necessary
fields. If you enter an invalid character, EtherMenu
beeps and you must enter an appropriate character (see
the EtherShare and EtherPrint User's Guides for complete
information on parameters).

If you want to edit an entry in a field, press the
Backspace key to erase characters and move the cursor to
the left. You can then retype the correct characters.
If you want to erase the complete entry from a field,
move the cursor into the field and press the space bar.

If the parameter you want to use appears in the vertical
directory window, you can select it from this window instead of
typing it in the parameter window. To select a parameter from
the directory window, press the ↑ or ↓ cursor movement keys to
highlight the item you want.

When you have entered all necessary parameters, press
◄─┘ to carry out the command. See Carrying Out a
Command earlier in this section.

Cancelling a Selection or Command

To cancel the current selection or command, press the **Esc**
key. Depending on the window you are using, **Esc** has

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different results:

- In a parameter window, **Esc** returns you to the
  Operations window.

- In the Operations window, **Esc** cancels selection
  of this operation and returns you to the Object
  Selections window.

- In the Object Selections window, **Esc** returns
  you to the EtherSeries Utilities Menu.

LEAVING ETHERMENU

If the Network Volumes and Printers Menu is displayed,
press the **Esc** key to return to the EtherSeries Utilities
Menu. From the EtherSeries Utilities Menu, press **Esc** to
return to the Main Menu. When the Main Menu is
displayed, press **Esc** to leave EtherMenu and return to
DOS.

APPENDIX A

ERROR MESSAGES

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This appendix lists the error messages that may appear as
you use EtherMenu and recommends what to do to recover
from an error condition. Error messages that appear
while you are using the DOS or EtherSeries Utilities
Menus may indicate that there is a problem with the way
your menu system has been customized. The EtherMenu/PC
Administrator's Guide gives complete instructions on
customizing the menu system.

If you see EtherShare or EtherPrint error messages while
you are using the Network Volumes and Printers Menu,
refer to the Error Messages appendix in the appropriate
User's Guide.

Error Message   **Meaning/Action**
_____

Bad command or filename   DOS is unable to locate the
                                     command you have typed or a
                                     command that EtherMenu is
                                     using. Check the command you
                                     typed. If you have used the
                                     correct command, see
                                     Appendix C of the
                                     EtherMenu/PC
                                     Administrator's Guide for
                                     a recovery procedure.

Can't create RUNIT.BAT -   A disk drive may not be in a
Press any key to Exit.   ready state or you may have
                                     started EtherMenu from a
                                     public volume (read-only).
                                     Press a key to exit
                                     EtherMenu and see
                                     Appendix C of the
                                     EtherMenu/PC
                                     Administrator's Guide for
                                     a recovery procedure.

Error Message	Meaning/Action
Drive Not Ready (Abort, Retry, Ignore)	DOS is unable to read or write to a drive. Check the diskettes in the drives you are using and make sure the doors are closed. Type R to retry. If the message appears again, type A to abort and then check the drive to determine the cause of the problem.
Invalid Menu Data File - ...	Several messages of this type may appear. Note the circumstances in which the error occurred and see Appendix C of the EtherMenu/PC Administrator's Guide for a recovery procedure.
Unable to open MENU.DAT - Please run MAKEMENU first	EtherMenu cannot locate the file containing the menus. You may be running the menu system from the wrong drive or directory or the file may have been accidentally erased. Make sure the current drive is E: and try starting again. If the message reappears, see Appendix C of the EtherMenu/PC Administrator's Guide for a recovery procedure.

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