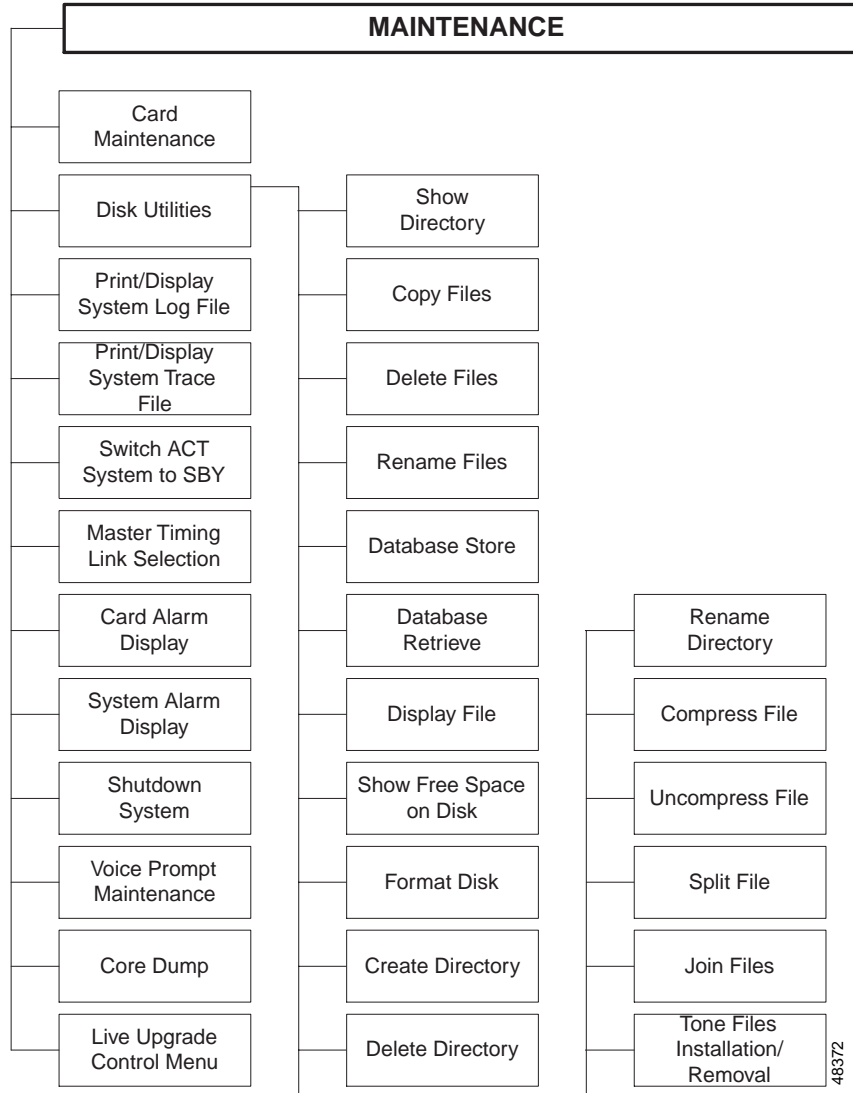




Maintenance

The System Alarm Display indicates two resource limitation conditions that can impact TeleRouter performance. This display is accessed from the Maintenance Menu screen as shown in Figure 5-1.

Figure 5-1 Maintenance Menu Structure



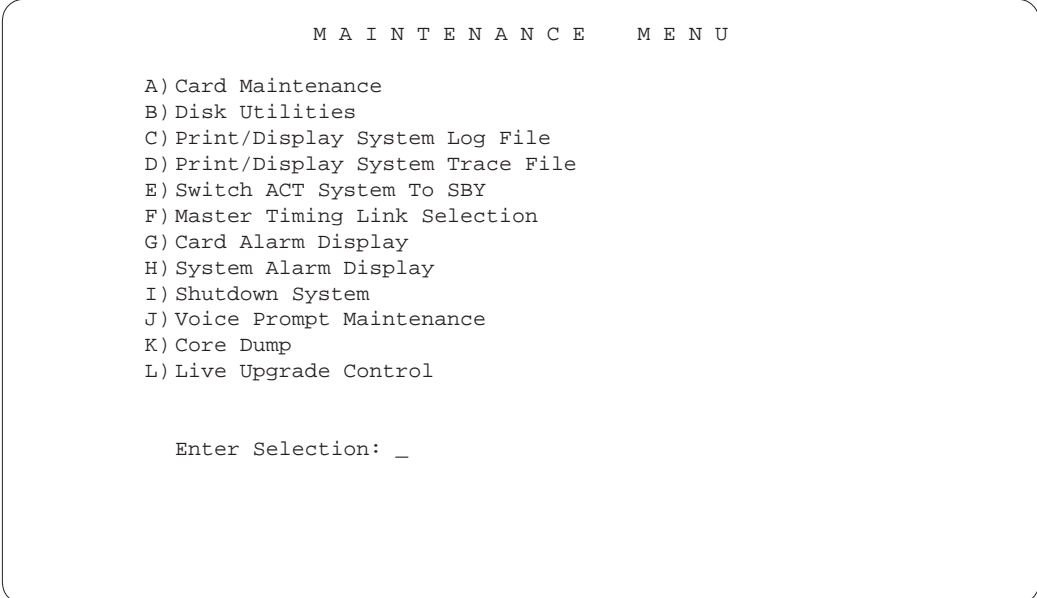
To access the Maintenance Menu screen (see Figure 5-2) from the Main Menu screen, type **C** and press **Enter**.

Figure 5-2 Maintenance Menu Screen

```
                M A I N T E N A N C E   M E N U

A) Card Maintenance
B) Disk Utilities
C) Print/Display System Log File
D) Print/Display System Trace File
E) Switch ACT System To SBY
F) Master Timing Link Selection
G) Card Alarm Display
H) System Alarm Display
I) Shutdown System
J) Voice Prompt Maintenance
K) Core Dump
L) Live Upgrade Control

Enter Selection: _
```

A screenshot of a terminal window displaying a maintenance menu. The title is "MAINTENANCE MENU" in spaced-out capital letters. Below the title is a list of 12 options, each starting with a letter from A to L followed by a description: A) Card Maintenance, B) Disk Utilities, C) Print/Display System Log File, D) Print/Display System Trace File, E) Switch ACT System To SBY, F) Master Timing Link Selection, G) Card Alarm Display, H) System Alarm Display, I) Shutdown System, J) Voice Prompt Maintenance, K) Core Dump, and L) Live Upgrade Control. At the bottom of the list is the prompt "Enter Selection: _" with a cursor positioned under the underscore. The entire screen content is enclosed in a rounded rectangular border. On the right side of the border, the number "48317" is printed vertically.

The cursor is located in the Enter Selection data entry field. To access a function, type the letter that precedes it and press **Enter**. To return to the **Main Menu**, press **Prev Menu**, **Main Menu**, or **Exit**. The functions that can be accessed from this menu are discussed in the remainder of this chapter.

TeleRouter Alarm Conditions

The System Alarms Display screen is used to view a listing of the alarm types present on the system. Refer to the *Cisco VCO/4K System Administrator's Guide* for details on the System Alarm Display function.

To access the System Alarms Display screen from the Maintenance Menu screen, type **H** and press **Enter**. The System Alarms Display screen is shown in Figure 5-3. The cursor is located in the Alarm Severity data entry field, and all current alarm conditions are listed.

Figure 5-3 System Alarms Display Screen

S Y S T E M A L A R M S D I S P L A Y

Alarm Severity: _____ Audible Cutoff (Y/N) _

Alarm Description	Occurrences
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—
_____	—

48332

The System Alarm Display can include multiple screens. Each screen lists up to 14 messages. Use the **Print Screen** key to obtain a hard copy of this screen. This screen is not dynamically updated. To update the display with the most recent alarms, press the **Redraw** key.

To return to the Maintenance Menu screen, press **Exit** or the **Prev Menu** key.

System Alarms Display Screen Field Definitions

The System Alarms Display screen includes the following fields:

Alarm Severity—*Data entry via Select key.* Specifies the type of system alarms to display. Possible values and their meaning are as follows:

Fatal—Condition has caused a system reset or control switchover in a redundant system. Immediate corrective action is required.

Critical—Condition is severe and service-affecting. Escalation to a Fatal condition is likely. Immediate corrective action is required.

Major—Condition is service-affecting, although not as urgent as a Critical condition. Immediate corrective action is recommended.

Minor—Condition does not have a serious affect on system operation.

Aux 1—Host has set an AUX 1 alarm using the Set/Reset Host Alarms (\$C0 03) command.

Aux 2—Host has set an AUX 1 alarm using the Set/Reset Host Alarms (\$C0 03) command.

Non-Alarmed Events—Condition is non-service affecting, such as system printer off-line.

Audible Cutoff (Y,N)—*Optional data entry via main keypad; command field.* Specifies whether to disable the AAC alarm contact to stop any central offices alarms tied to the switch.

Alarm Descriptions—*Display only.* Indicates the alarm conditions present for the system. Possible values and their meanings are listed in *Cisco VCO/4K System Messages*.

Occurrences—*Display only*. Indicates the number of alarm occurrences.

Displaying Alarm Conditions

To display current system alarm conditions, complete the following steps:

-
- Step 1** Display the System Alarms Display screen.
The cursor is located in the Alarm Severity data entry field.
- Step 2** Use the **Select** and **Reverse Select** keys to step through the values until the correct alarm severity is shown.
- Step 3** Press **Enter**.
The display is updated to show all alarms and occurrences for the severity level chosen.
- Step 4** Press **Exit** to return to the Maintenance Menu screen.
To leave the System Alarms Display screen, press **Exit** or the **Prev Menu** or **Main Menu** key.
-

Alarm Definitions

Refer to Cisco VCO/4K System Messages for descriptions of alarms ALM015 and ALM016, which are set when the system is operating TeleRouter in a stand alone configuration.

