



## Diagnostic Tools

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This appendix describes the tools available to assist you in troubleshooting a VCO/4K system and (to a limited extent) peripheral devices.

## Safety Precautions



**Warning**

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Cisco Systems, Inc. urges installers to observe the following safety precautions:

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- Never install telecommunication circuits during a lightning storm.
- Never install telecommunication connections in wet locations unless the connector is specifically designed for wet locations.
- Never touch uninsulated telecommunication wires or terminals unless the circuit is disconnected at the network interface.



**Caution**

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Observe the following:

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- Use caution when installing or modifying telecommunication circuits.
- Avoid contact with rack power buses or connectors during the installation process to minimize the risk of injury from hazardous voltages.
- Arrange for 1 male for each 75 pounds and/or 1 female for each 40 pounds of lifting.
- Use an ESD wrist strap connected to the system for grounding to minimize the risk of injury when removing or replacing a system component. Connect the ESD wrist strap to the receptacle labeled CONNECT ESD WRIST STRAP HERE.

# SS7 Subsystem Tools

## EBS Log On/Off

For ANSI and CCITT SS7 versions 5.0 and higher, EBS logging is enabled/disabled with the following procedure:

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- Step 1 To turn on EBS logging, use the **ebslog on** command.
  - Step 2 To turn EBS logging off, use the **ebslog off** command.

The resulting log file will be called ebs and will reside in the directory \$XNV/log.



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**Note** The file size of this log file increases very quickly. Do not turn it on and leave it running for a long period of time.

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