



1631 SMC OPERATIONS AND MAINTENANCE COURSE CONTENT

SYSTEM DESCRIPTION

- List three advantages of electronic cross-connects.
- List four rack types.
- State the function of the Administrative Processing System rack.
- State the relationship between the user terminal and the control system.
- State the purpose of the Commands and Messages Manual.
- Log in and out of the system.
- Use the terminal to retrieve information about modules in the Administrative Processing System.
- Make a database backup.

Traffic Management

- State the purpose of each module in the input/output shelves.
- List the major Facility Primary Services States.
- List the Facility Secondary Service States.
- Provision a stand-alone and an embedded DS1 port.
- Provision a DS3 port.
- Describe the traffic flow through the system.
- Make both 1-way and 2-way connections.
- Make a broadcast connection.
- State the function of each module in the TSI shelf.

Cross-connect Operations

- Provision Test Access Ports.
- Use Test Access Ports.
- Describe and make the different Roll Modes.
- Perform loopback operations.
- Set Performance Monitoring Data.

Equipment Maintenance

- List the four equipment primary service states.
- List the seven equipment secondary service states.
- Change service states using remove and restore commands.
- Perform protection switching on traffic modules.
- Retrieve alarms and conditions in the system.
- Use diagnostic commands to locate system faults.
- Configure synchronization references.
- Use TOP Documentation.

SYSTEM ADMINISTRATION

- Retrieve the operating status of the system.
- Perform system restarts.
- Set the time of the day clock.
- Change passwords.
- Schedule delayed activation orders.
- Retrieve delayed activation orders.
- Execute delayed activation orders.

CONTACT INFORMATION

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