



1630 GSX OPERATIONS AND MAINTENANCE COURSE CONTENT

SYSTEM OVERVIEW

- Give a general description of the 1630 GSX Cross-Connect system
- Define the differences between a mechanical and digital cross-connect system
- Use the Commands and Messages manual to determine the meaning of output messages
- Perform a database backup
- Name six types of racks that can be used in a 1630 GSX system
- State the purpose of each shelf in a 1630 GSX system
- State the function of each module in the Administrative Processing System (APS) and the Administrative Processing Minor (APM) shelves
- Use the terminal to retrieve information about the APS modules
- Log in and log out of the system

TRAFFIC MANAGEMENT

- Identify the shelves and modules in the I/O rack
- Describe the function of each module in the I/O rack
- Identify the shelves and modules in the TSI rack
- Describe the function of each module in the TSI rack
- Describe the DS1, DS3, STS1, E1, and STM1 signal flows
- Retrieve Facility Service States
- Provision Facilities
- Establish Cross Connections

Facility Maintenance

- Perform Test Access procedures
- Perform Loopback procedures
- Perform Performance Monitoring procedures

Equipment Maintenance

- State the Primary and Secondary Equipment Service States
- Use the protection switching commands
- Run equipment diagnostics
- Retrieve connection paths
- Retrieve system timing information
- Retrieve system reports
- Change service states

System Administration

- Retrieve operating status of the system
- Perform system restarts
- Set the Time of Day clock
- Change passwords
- Schedule Delayed Activity orders
- Retrieve Delayed Activity orders
- Execute Delayed Activity orders

OVER PLEASE

SYSTEM MAINTENANCE

- Isolate a problem to a local or remote NE
- Isolate an NE problem to a plug-in or facility
- Isolate, test and replace defective plug-in
- Setup, test, and remove loopbacks on different facilities
- Software loading
- Backups and System Restore

CONTACT INFORMATION

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