



1680 OGX OPERATIONS AND MAINTENANCE COURSE CONTENT

SYSTEM OVERVIEW

- Technical Documentation Set
- System Description
- System Features
- Control Terminals
- Database Backup
- System Configurations
- Rack Types
- System Shelves
- System Modules
- 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 an output message
- 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

- I/O Rack
- Facility Service States
- Provisioning
- TSI Rack
- Traffic Signal Paths
- Cross connection
- State the function of each module in the input/output shelves
- List three major facility primary service states
- List six major facility secondary service states
- Provision electrical and optical facilities
- State the function of each module in the center stage rack
- List the modules involved in traffic flow through the system
- Make one-way and two-way connections
- Establish a conference a connection
- State the function of the modules in the clock shelf

Facility Maintenance

- Provision Test Access ports
- Use test ports to monitor and split a circuit
- Use rolling commands to roll a circuit
- Perform loopbacks on various circuits

OVER PLEASE

Equipment Maintenance

- Equipment Service States
- Equipment Service Commands
- Protection Switching
- Equipment Diagnostics
- Retrieve Procedures
- System Timing
- System Reports
- List four Primary Service States (PST) of equipment modules
- List Secondary Service States (SST) of equipment modules
- Change service states using various commands
- Perform protection switching on traffic modules
- Perform protection switching on processor modules
- Use diagnostic commands to locate system faults

System Administration

- System Status
- System Date and Time
- System Password
- Delayed Activity
- CID Ports
- Retrieve the operating status of the system
- Set the time of day clock
- Change passwords
- Retrieve alarms and events in the system
- Administer delayed activation commands

Contact Information

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