

8.4 Operational Requirements

Operational requirements are concerns of the administration and its policies. They affect how the network is operated and maintained. The importance of the following operational factors to project planning must not be underestimated:

- the basic organizational structure of the telecommunications administration;
- skill levels of present personnel, availability of training facilities and other training opportunities, and potentials for recruiting personnel; and
- implementation of maintenance policies, including the location of maintenance centres, alarm and trouble reporting methods, repair facility and policy, sparing levels and policy, test equipment and calibration policy, etc.

8.5 Equipment Requirements

The following equipment attributes might be important, depending on specific conditions:

- designed according to general equipment standards of the CCITT/CCIR and the administration or to be compatible with equipment that has been standardized;
- designed for unattended operation (high reliability, fail-safe failure modes, and secure from vandalism); and
- designed in a modular format so that the equipment is easy to transport, install, expand, and maintain.