



CI-0704

TAB 7: TECHNICAL DISCIPLINES

Communications

TELEPHONE NETWORK

DESIGN REQUIREMENTS

- > The main telephone switch shall consist of trunk lines supplied as either individual or T1 circuits to allow for local and/or long distance calling. The network is to be capable of interfacing with 4-digit dialling as well as integrating with the voice mail system.
- > Telephone switches at remote sites such as Middlefield or Wolfedale shall be linked to the main switch at Head Office to permit 4-digit dialling between all sites.
- > All systems are to be provided with backup power supplies from Uninterruptible Power Sources at each location and by generator power.
- > The network shall be capable of permitting paging to be performed through the local telephone system at all stations.
- > Provision shall be made for local caller I.D., call hold, call waiting, transfer and conferencing.
- > Individual telephones shall be speaker type, capable of accepting multiple lines and speed dialling.

WIRING

- > Conduits and power for the telephone network shall be provided at each trunk switch location.