

Appendix V

Greek microwave system objectives

Basic system objectives were obtained in sufficient detail for present purposes : they are :

- the system should extend from Athens to Samos by the shortest practicable route : all intermediate stations should be heterodyne repeaters except for the station on Ikaria, which should be a back-to-back terminal to permit traffic destined for future north and south routes to be dropped.
- solid state equipment is preferred ; Klystron equipment would not be acceptable, travelling wave tube equipment would be acceptable.
- capacity of system should be 1800 CCITT telephone channels.
- a full standby radio channel should be provided as well as complete supervisory and remote control facilities