



## Telecommunication Services

### Digital Technology

As we move into the 21st century, embedded information infrastructures must be upgraded to match pace with the real-time information flow of today's dynamic environment. General Scientific has been instrumental in helping organizations capture and utilize the latest in digital communication technology to keep pace with the times. From initial conceptualization all the way through installation and life cycle support, General Scientific is helping to launch the information age.

Our engineers:

- Conduct site surveys to establish legacy baselines on which to build
- Analyze existing and future information requirements and develop the most effective solutions possible
- Design network topologies to deliver the utmost in communications reliability, flexibility

Critical technologies utilized by General Scientific include:

- Asynchronous transfer mode switching
- Fiber optic cabling
- The latest generation of communication hubs and routers

Our expertise extends to the following:

### Local Area Networks

Shipboard AN/USQ-153  
Shore Facilities

### Worldwide Communication Systems

International Maritime Satellite  
Andrew Low Profile Spira-Cone HF Antennas  
HF Communication Systems  
Inter-American Naval Telecom Network Support

### Systems Engineering

Communication Facilities Site Surveys  
Base Electronic Systems Engineering Plans  
System Operation and Verification Test (SVOT)  
Theater Medical Information Program-Maritime (TMIP-M)

### Closed Circuit TV Operations

Tactical-VTC Systems  
CCTV Systems  
Import Ship Waterline/Pier TV Security Systems

### Integrated Logistics Support (ILS)

Warehousing  
Pre-Assembly/Testing  
COTS/GFE/Local Design Systems Integration