

Ship/Shore Subcommittee



Goal

The goal of the ship/shore communications subcommittee is to help the federal funding agencies develop a viable plan for the US Academic fleet's ship/shore communications that will help the ships meet the growing demands of internet connectivity for general communications and telepresence.

Requirements:

- Internet at sea
 - Science Operational support / Shore to ship connection into the ship
 - Ship Operational Support / Shore to ship connection into the ship
 - Data to ship
 - Data from ship
 - Ship email
 - Access to shore/web email
 - Morale
 - Non-cruise related science business
- Telemedicine
- Voice
 - Science Operational
 - Ship Operational
 - Safety
 - Morale
- Video-streaming
- Video-conferencing
- Desktop-sharing (eg Webex, Go-To meeting)
- Telepresence

Requirements, cont

- VPN
- Separate systems
- Auditing capabilities
- Security
- Flexibility
- Scalability
- Reliability

512Kbps CIR shore to ship /

256Kb CIR ship to shore