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