

U.S. Coast Guard
ESU Seattle

Science Data Networks

2003 Report

2004 Plans

Science Network 2003

2003 Report

- ATG Contract with first Science Network Engineer on board the Healy
- Identified Bathy 2000 data collection with recovery procedures
- Iridium Satellite access above 75 degrees
- Network and Scientist requirements (ATG)
- Network requirements for Anti-Virus updates (ATG)
- Resolved serial communications Knudsen and Bathy 2000
- MS Exchange and SDX mail
- Web Site enhancements and users interfaces including OWA
- Archiving largest amounts data gathered (DVD)
- System monitoring tool on servers with notification tools

Science Network 2003

2004 Plans

- Add a second ATG contractor aboard Healy to split cruises
- Analyze and provide additional solutions with serial connections
- Exchange mail – cut over from Inmarsat to Iridium instead of dual e-mail system
- Improve speed and through-put over Iridium connection
- ATG is currently working on Science Network requirements
- Review, identify and improve serial connections with the Knudsen and Bathy 2000
- Move to single e-mail using MS Exchange vs. using SDX mail
- Expand the network monitoring to Sensors and critical applications

More details

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