

Fleet Broadband Sailor 500

Pilot Program Status Report

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Integration of Fleet Broadband Sailor 500 in WHOI Fleet



- R.V. Atlantis – HSN C-Band
- R.V. Knorr – HSN C-Band
- R.V. Oceanus – HSN Ku-Band

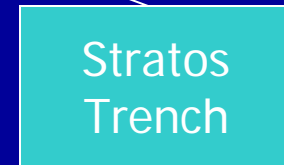
Pilot Program Goals:

- Evaluate Fleet Broadband as a reliable, versatile and secure back-up to HiSeasNet.
- Evaluate Fleet Broadband as a stand-alone system for vessels without HSN.
- Help develop fleet-wide protocols for administration, billing and security.

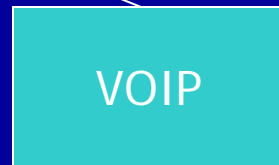
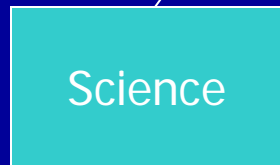
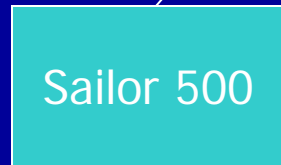
Satellite



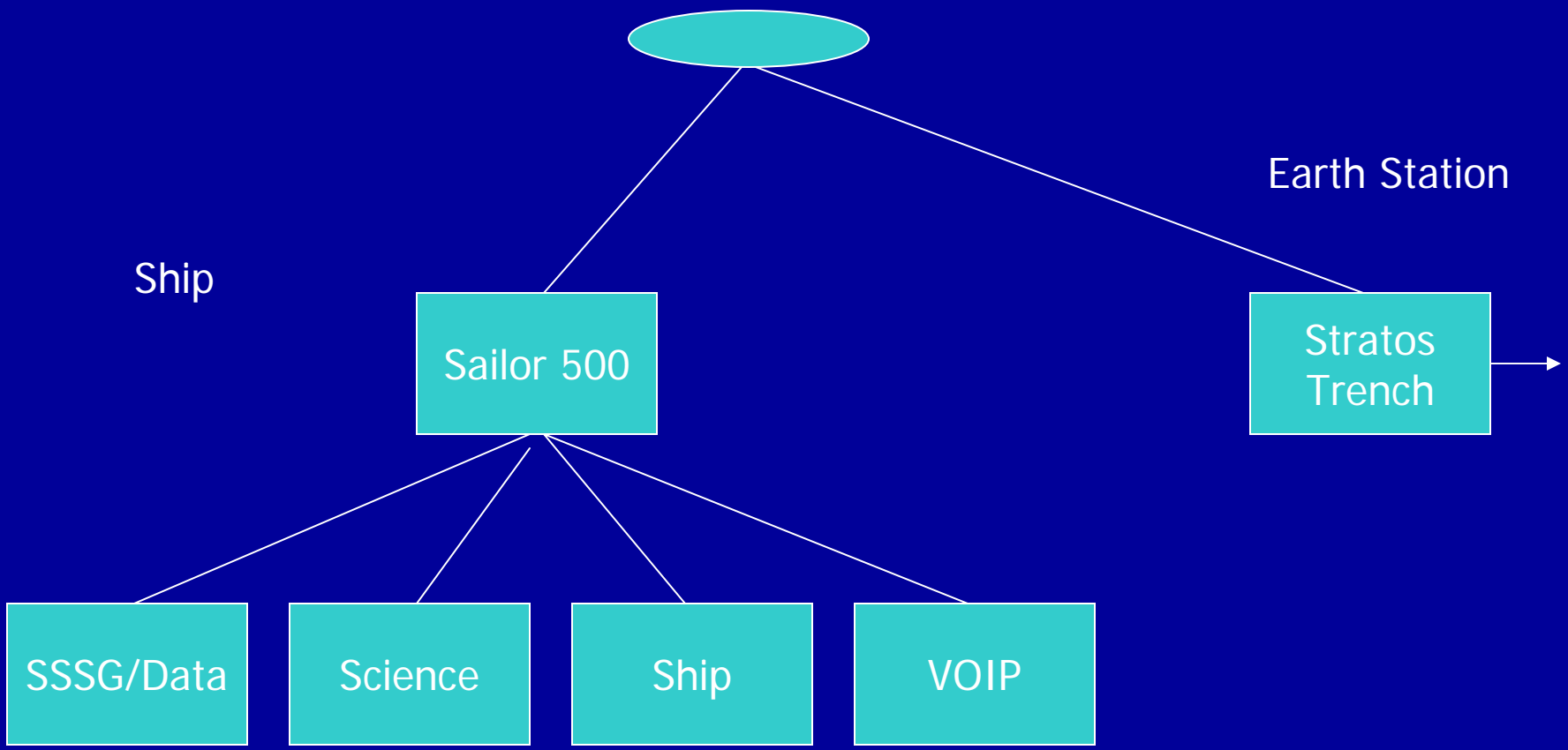
Earth Station



Ship



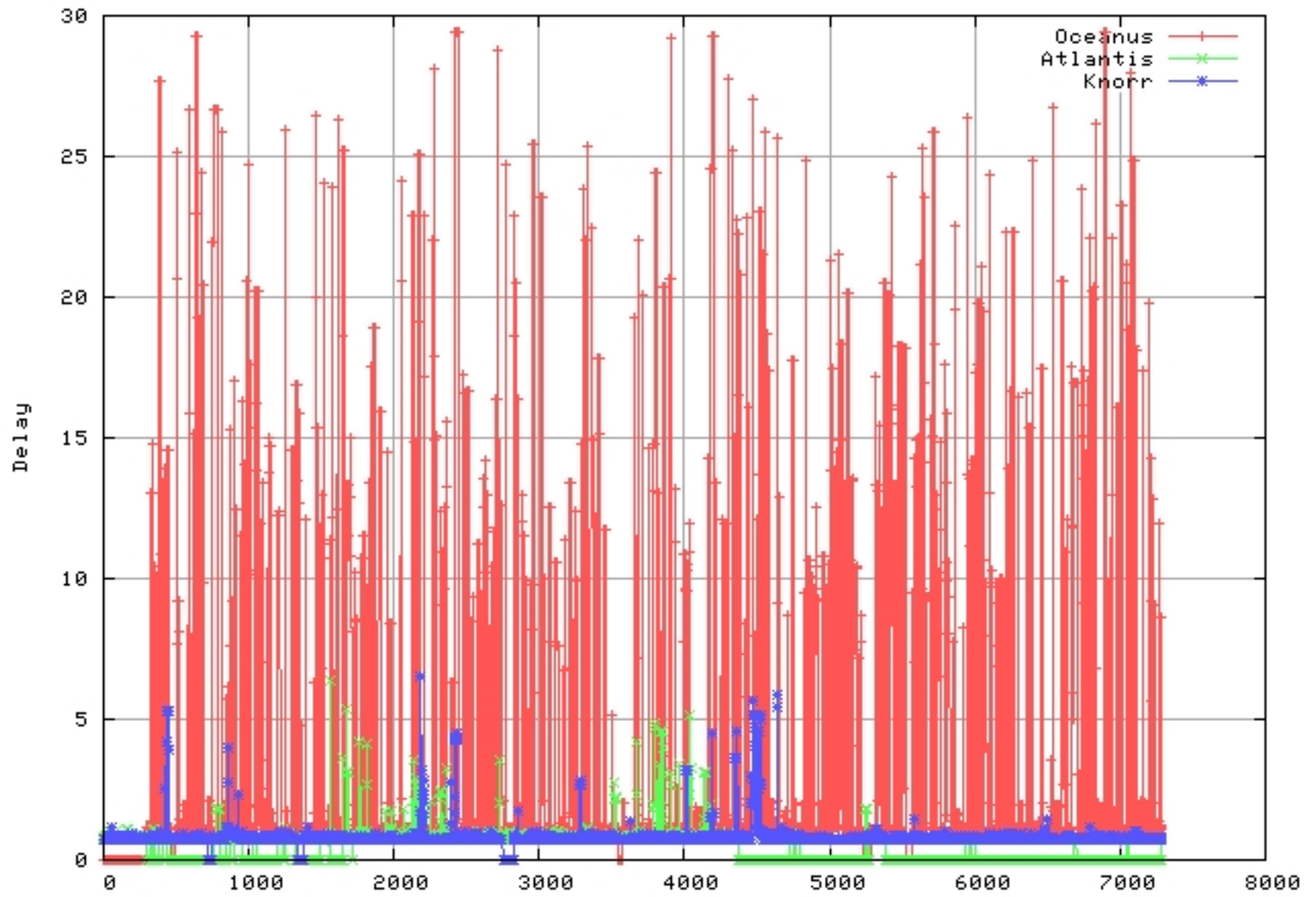
Distribution of 4 available ports



Results To-Date: As a back-up to HSN

- The Fleet Broadband has proven to be a reliable back-up to HSN.
- The system provides for the seamless delivery of email in the event of HSN loss.
- Voice, data and fax are well integrated
- Minor degradation observed due to atmospheric conditions.
- Data pipe is slower than HSN.

Ship ntp delays



As a stand-alone system for vessels without HSN

- A well designed, lightweight package.
- Easy to install and configure
- Reasonably priced hardware.
- Versatile combination of voice, data and fax.
- pay per volume pricing can be expensive if not tightly managed.
- Good global coverage.

Present INMARSAT Coverage

