



Ship/Shore Committee Update

UNOLS Annual Meeting

22 October 2014

Arlington, VA



Year 1 Recommendations

from May 2014 Report

<https://www.unols.org/document/2014-shipshore-communications-report>

1. Keep HSN as the primary system with FBB back-up w/ same quotas
2. Increase HSN bandwidth by ~4x
3. Replace the outdated HSN modems (shipboard and earth station)
4. Begin testing of INMARSAT GX testing



Year 1 Recommendations (cont.) from May 2014 Report

5. Begin a bandwidth-monitoring program
6. Develop telepresence guidance plan.
7. Improve earth station infrastructure to enable Level 3 telepresence.



Updates

1. Earth Station:
 - The new modems have been installed at the earth station.
 - Amplifiers are set to be upgraded on 10/30.
2. New ship modems have arrived at SIO and are being configured.
3. Bandwidth expansion is in process.
4. Bandwidth Monitoring:
 - Having difficulty collecting consistent data on user level usage.
 - Looking into different systems



Updates (cont.)

5. Telepresence Guidance document has been started.
6. The fleet is using more FBB than expected.
7. *RV Endeavor* upgraded their Ku antenna and amps to enable full-telepresence.
8. The next Ship/Shore subcommittee meeting is set for November during the RVTEC meeting.