

STARC

Ship-based Technical Support in the Arctic

- ◆ Plan, coordinate and deliver science technical support onboard the USCGC Healy, USCGC Polar Star and other arctic vessel needs.
- ◆ Augment the role of the USCG Marine Science Technicians.
- ◆ Coordinate with the USCG, NSF and academic community to provide for the operations, maintenance and upgrade of science equipment installed or used on the Healy and Polar Star.
- ◆ Apply a UNOLS model of cruise support to the Arctic Research Vessels.

Cooperative Support Plan

- ◆ Scripps Shipboard Technical Support
- ◆ OSU Marine Technician Group
- ◆ Scott Hiller (shiller@ucsd.edu)
 - ◆ Arctic Cruise Coordinator
 - ◆ Single point of contact for development of efficient staffing and equipment.
 - ◆ Point of contact for principle investigators, participating scientists, ship operators working with all parties to develop the cruise support .

Winter 2011-2012 Work Items

- ◆ Permanent installation of PCO2 system.
- ◆ Remodel of computer lab, future lab and photo lab.
- ◆ Permanent installation of ADCP deck unit to remediate EM interference with the cable run.
- ◆ Upgrade the Knudsen 320B/R to 3260 units with new acquisition computers.
- ◆ LCI90i winch monitor system installation for UNOLS App. A upgrade.

