

Appendix VI

AICC View Graphs

UNOLS Arctic Icebreaker Coordinating Committee

- ✿ Scientific oversight of Arctic polar science support on US vessels
- ✿ 8 members from academic community
- ✿ Supported by NSF and US Coast Guard
- ✿ Ties to agencies supporting Arctic research from vessels
- ✿ Ties to science organizations concerned with Arctic research from vessels

AICC Business

- ✿ USCG Arctic ship scheduling & “user experience” modeled on UNOLS
- ✿ Science-of-opportunity guidelines
- ✿ Technical support oversight
- ✿ Logistics coordination of Arctic icebreaker science missions
- ✿ Expeditionary planning
- ✿ Oversee science aspects of HEALY construction and outfitting

USCGC HEALY

- ❖ "A modern polar research vessel designed to be operated by the US Coast Guard for the US polar science community"
- ❖ 420/82/28 feet; 15,332 tons; 30,000 HP; twin screw; classic bow; 4.5' ice @ 3 knots; crew of 75 (includes 14 in helo group)
- ❖ Science outfitting similar to new AGORs; labs ca. 4000 sq. ft.; 35/50 berths

AICC Recommendations for HEALY

- ✧ increase area and bench space in labs
- ✧ improve traffic flow
- ✧ fantail staging area
- ✧ choices for vans
- ✧ lab temp control
- ✧ seawater temp monitor/control
- ✧ area for incubations
- ✧ reduce/move science freezer
- ✧ stowage for on-ice equipment
- ✧ relocate dive locker
- ✧ work area visibility
- ✧ portable lab freezers and refrigerators
- ✧ portable con station