

# APPENDIX I

## **UNOLS Arctic Icebreaker Coordinating Committee (AICC):**

Scientific oversight of Arctic polar science support on US vessels

Eight 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

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### **AICC Members:**

Jim Swift, SIO, Chair (jswift@ucsd.edu)

Lisa Clough, East Carolina University

Joe Coburn, WHOI

Glenn Cota, Old Dominion University

Kelly Falkner, Oregon State University

Larry Lawver, University of Texas at Austin

Dan Lubin, SIO

Tom Weingartner, University of Alaska

Jack Bash, UNOLS Executive Secretary

Ken Johnson, UNOLS Chair

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### **AICC 1997 Business:**

Ship scheduling to UNOLS format

Science-of-opportunity guidelines

"Chief Scientist" pamphlet

Technical support continuity

Coordinate science missions

Explore future science initiatives

Oversee HEALY construction/outfitting

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## **Arctic Research Vessel & USCGC HEALY:**

ARV science mission requirements updated 8/93

COMB recommends not funding ARV

NSF not pursuing ARV

Coast Guard begins planning for HEALY in 1993

HEALY authorized by Congress; construction underway in 1996, to be completed during 1998.

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## **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 space & outfitting similar to new AGORS; labs ca. 4000 sq.ft.; 35/50 berths

-\$20,000/day to be included in proposals

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## **AICC "Wish List" for HEALY:**

Increase area and bench space in labs

Improve traffic flow

Fantail wet lab

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

Portable lab freezers and refrigerators

Portable con station

