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

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

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
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.

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

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
Data archiving