

Action Items	Status
Send words to Mike for Liz Tirpak about informing BASC when foreign icebreakers are working off Barrow	Bernie/Sheehan
Use '05 debriefs as basis for letter of "constructive criticism" to NIC for ice service support (with copies to CGHQ, NSF, ARC)	Margo
Develop science needs and long-range plans for ice data on HEALY	Peter sent to Simon
Review Dale's new lab layouts and send official AICC recommendation to Simon	Do we want to do this?
Get EOS article about native concerns finished and published	Carin and Bernie w/ Renee's help
Multibeam upgrade - review other icebreakers and the performance of their multibeam systems	Margo/Bernie/Dale CG is moving forward
Plan a future meeting with ARVOC	Try again.
Make sure HLY0601 has two hours of internet connectivity as requested (can we leverage Cyberinfrastructure Office support?)	Dale/Healy Thanks D. Oliver
AICC to recommend with IPY outreach efforts that HEALY connectivity be increased	Margo
AICC to recommend more stringent medical checkups prior to high Arctic trips	Margo
AICC to recommend having doctor on board for high Arctic trips	Margo
Establish priorities for "2006" system upgrades	Margo

# AICC 8/28/06 Teleconference

## Issue One: Cancellation of the last two legs of HLY06

- 1) AICC recommends that the Coast Guard work with NSF and NOAA to find ways to mitigate the impact of cancelling the programs of Larry Mayer and Rob Reves-Sohn. This should include priority consideration for the rescheduling of these programs.
- 2) We recommend that AICC be informed in a timely manner about important operational decisions, so that the committee can give appropriate factual information and advice when queried by the science community, which is one of the roles of the committee.

Although this is not a specific recommendation, many on AICC felt that this incident underscores the oft-repeated mantra that the US needs additional icebreakers, or at least blue/gold crews, to support myriad needs in the polar regions.

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## Issue Two: Technical issues on HLY0602

- 1) We recommend that, once a proposal has been selected for funding on the basis of scientific merit, NSF have a technical/logistical review of major field programs that involve instrumentation that is not part of HEALY's standard complement of tools. Whereas HEALY should provide support for users of technical systems who are not technical experts with these systems, it is the responsibility of the proposing investigator to identify a path to obtain the necessary technical expertise and equipment. The technical/logistical analysis should consider the appropriateness of the tools to be deployed from HEALY during the available time frame in the location(s) proposed for the cruise. While technically risky programs should not be rejected merely due to risks, these risks should be weighed against the science payoff and the possibility of success considering the time available for technical development before and during the cruise.

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## Issue Two: Technical issues on HLY0602

- 2) We recommend that technically complex programs be flagged once approved for funding and that a system be developed to track the progress of major equipment fabrication and associated logistics. An example system is that used by the Antarctic program for tracking instrument development. This tracking process should begin well in advance of deployment so that a technical development failure or delay does not "lose" ship time. The tracking process should include decision points for postponing deployment or continuing to full cruise implementation.
- 3) We recommend that for the purposes of continuity, stability and forward planning, there should be long-term cooperative agreements to provide comprehensive support of HEALY science systems. These agreements would result from peer review of proposals submitted in response to a specific NSF RFP.

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## Issue Three: AEWC and Native Communities

- 1) We recommend that there be a meeting in January 2007 in Barrow to allow the science community to meet with northern residents and discuss their concerns regarding HEALY programs and operations. This meeting should involve the Coast Guard, NSF, NOAA (or other funding agencies with cruises in upcoming seasons), the State Department, Chief Scientists of upcoming programs, members of AICC and users and operators of foreign icebreakers planning to work around Barrow. The organizers of the meeting can be determined after discussion with AEWC and similar entities. The primary focus of the meeting will be to improve communications between the science and native communities, potentially through a continuing series of annual meetings.
- 2) A secondary goal of this meeting will be to disentangle scientific expeditions taking place around northern communities from exploration programs that are being conducted by private industry.

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## Issue Four: IHA's and working in the Arctic

The committee did discuss a fourth issue, the question of IHAs for working in the Arctic Ocean, but there wasn't really consensus on what to recommend to NSF, and we did not include a summary of that discussion in the recommendations to Simon. It should be a topic of discussion at the this AICC meeting.