

Healy goes south....



And *Palmer* goes north



22 June departs Nome, Alaska
03 August returns Nome, Alaska

Antarctic Impacts

“At the extreme, failure of the Antarctic logistical support mission could result in closure of two of the three US Antarctic science stations (McMurdo and South Pole stations).”

“At the very least, logistic support of the stations would have to change in drastic, and likely undesirable ways.”

AICC & ARVOC letter 6 April 2003

Arctic Impacts

“...the POLAR class icebreakers are essentially unavailable for support of Arctic science missions for the next few years.”

“In the future, Arctic science support may require the hiring of foreign vessels to fully support funded Arctic science.”

AICC & ARVOC letter 6 April 2003

Icebreaker Schedule 2004

- Nov 03 - Feb 04 DD Healy
- Nov 03 - Apr 04 DF04 Polar Star
- Dec 03 - Apr 04 DF04 Polar Sea
- May 04 - Sep 04 DS Polar Star
- May 04 - Sep 04 DD? Polar Sea
- May 04 - Oct 04 SBI Healy

DD= dry dock DF= Deep Freeze (Antarctica) DS= Dockside

Icebreaker Schedule 2005

- Nov 04 - Apr 05 DF05 Polar Sea
- Dec 04 - Apr 05 DF05 Polar Star
- May 05 - Aug 05 DD Polar Star
- June 05 - Sep 05 DS Polar Sea
- Aug 05 - Nov 05 Arctic Healy
- Aug-Nov is the estimated date for the multi-ship op with Oden

Icebreaker Schedule 2006

- Nov 05 - Apr 06 DF06 Polar Star
- Dec 05 - Apr 06 DF06 Polar Sea
- May 06 - Sep 06 DD Polar Sea
- June 06 - Aug 06 DS Polar Star
- Summer 2006 Arctic Healy

Icebreaker Schedule 2007

- Nov 06 - Mar 07 DD Healy
- Nov 06 - Apr 07 DF07 Polar Sea
- Dec 06 - Apr 07 DF07 Polar Star
- May 07 - Sep 07 DD Polar Star
- Jun 07 - Aug 07 IPY Healy
 - Limit Healy IPY due to DF08 commitment
- Jul 07 - Sep 07 IPY Polar Sea
 - Polar Sea IPY participation dependent upon condition following DF 07

Icebreaker Schedule 2008

- Oct 07 – May 10 SLEP Polar Sea
- Nov 07 - Apr 08 DF08 Polar Star
- Dec 07 - Apr 08 DF08 Healy
- May 08 - Sep 08 DD Polar Star
- Jun 08 - Sep 08 DS Healy
- No Arctic work in 2008 - year after IPY

Icebreaker Schedule 2009

- Oct 08 - Sep 09 SLEP Polar Sea
- Nov 08 - Apr 09 DF09 Polar Star
- Dec 08 - Apr 09 DF09 Healy
- May 09 – Sep 09 DD Healy
- Jul 09 – Sep 09 Arctic Polar Star
- Polar Sea does DF10 with Healy while while Polar Star enters SLEP

If REFIT...

Currently no science included in refit plans.

NEED TO ADDRESS SCIENCE LIMITATIONS
OF THE POLARS

Meeting in Seattle June 10-12.

30 June 2003- Service Life Extension Board
(SLEB) submits findings and recommendations
to Commandant.

POLARS Meeting June 10-12, Seattle

Agenda Items-

A. A few presentations on where we're at-

1. Status of conditions in Antarctica (Phil?)
2. Status of the POLARS (Neil?)
3. Strawman schedule for use of USCG icebreakers
4. Update on any Polar Research Board plans (Garry?)

B. Tours-

1. POLAR STAR
2. HEALY

C. Brainstorm

1. Overview of what structural changes might happen (Neil?)
2. Big list of science wishes
3. Prioritizing of science wishes

D. Where do we go from here?

If Replacement?

- Costs of science upgrades (beginning process at June meeting)
- Costs of fuel (new versus refit)
- Costs of crew (new versus refit)
- “short way down a long road” Joe Bodenstedt
- Where to go from here?