

# *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?