

US COAST GUARD POLAR ICEBREAKERS



Polar Engineering Status Brief
AICC Meeting December 2009
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HEALY (WAGB-20)

- Returned from successful AWS '09 Mission in October.



- Next scheduled deployment is AWS '10 starting in April.

HEALY (WAGB-20)



- HEALY began a major drydock availability in Nov '09, which is scheduled to last through March '10.

HEALY (WAGB-20)



- Major drydock work to include multibeam upgrade installation and removal and inspection of shafts for first time.
- Standard DD work to include inspection and repair of underwater hull, external shaft bearings, propellers and sea valves.
- Major work scheduled for FY11 include #2MDE center section overhaul and start air compressor upgrade.

POLAR SEA (WAGB-11)



- Recently returned from successful AWF '09 patrol.
- She will act as the standby icebreaker for Deep Freeze '10 and will only leave Seattle if requested by NSF in the event the Swedish Icebreaker Oden experiences problems.

POLAR SEA (WAGB-11)

- Scheduled for Drydock availability May – July '10.
- Major recap work will be replacement of 3-ton bow crane and associated hydraulic system.
- Standard DD work to include inspections and repair of underwater hull, shafting , external bearings, rudders and propeller hubs.



POLAR STAR (WAGB-10)



- Currently awaiting direction to move forward with planned reactivation effort from caretaker status.

POLAR STAR (WAGB-10)

- Reactivation is planned as a 3-year, \$60M effort to restore STAR to SEA's current operational capability and extend its service life by 7 to 10 years.



Questions?

