

# US COAST GUARD POLAR ICEBREAKERS



Polar Engineering Status Brief  
AICC Meeting April 2010  
CDR Gregory Stanclik

# HEALY (WAGB-20)

- Returned from successful AWS '09 Mission in October.



- Will depart in May for AWS '10 patrol.



# HEALY (WAGB-20)



- HEALY began a major drydock availability in Nov '09 which successfully completed last month.



# HEALY (WAGB-20)

- Major drydock work included replacement of the multibeam sonar and removal and inspection of the shafts for the first time.
- Standard DD work included inspection and repair of the underwater hull, external shaft bearings, propellers and sea valves.
- Major work scheduled for FY11 DS include #2MDE overhaul and a second start air compressor replacement.

# POLAR SEA (WAGB-11)



- Recently returned from successful Spring BEST '10 patrol.



# POLAR SEA (WAGB-11)

- Scheduled for a drydock availability May – July '10.
- Major recap work includes the relocation of the small boat davit and final phase of the propulsion control system upgrade.
- Standard DD work includes inspections and repair of the underwater hull, shafting, external bearings, rudders and propeller hubs.





# POLAR STAR (WAGB-10)



- Have begun a 3-year, \$57M effort to bring STAR up to SEA's current operational capability and extend its service life by 7 to 10 years.

# POLAR STAR (WAGB-10)

- Major recap work includes: replacement of 3 and 15-ton deck cranes and associated hydraulics, gyrocompass upgrade, small boat davit replacement, diesel engine upgrade and propulsion control system upgrade.





# Questions?

