# US COAST GUARD POLAR ICEBREAKERS



Polar Engineering Status Brief AICC Meeting December 2009 CDR Gregory Stanclik

### HEALY (WAGB-20)

• Returned from successful AWS '09 Mission in October.



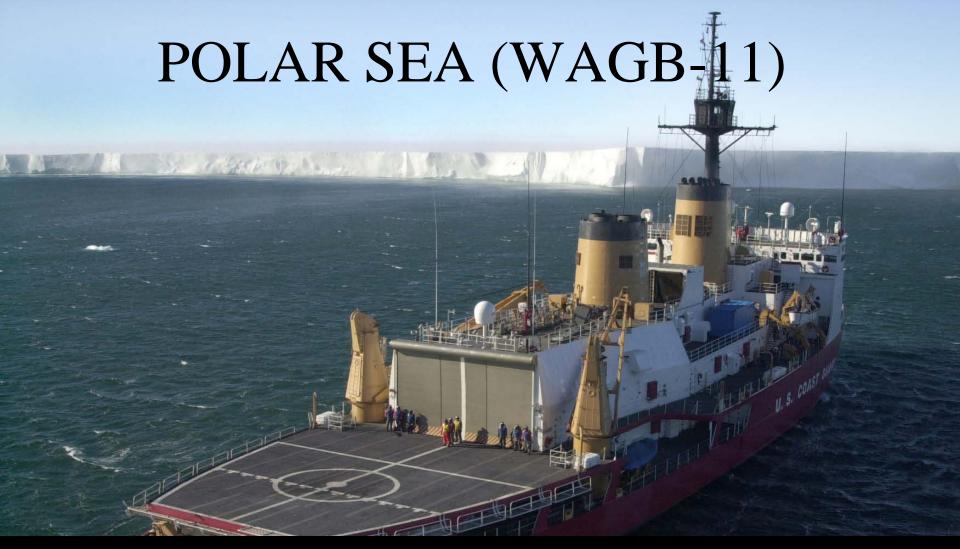
 Next scheduled deployment is AWS '10 starting in April.



## 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.



- 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.





• 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?

