







- Completed scheduled drydock availability at Todd Pacific Shipyards Sept '10.
 - Major recap work was relocation of small boat davit aft and final propulsion control system upgrade.

POLAR SEA (WAGB-11)

- All 6 Main Diesel Engines and 2 of 3 SSDGs OOC due to accelerated cylinder liner wear.
 - Extensive analysis completed to determine cause. Pursuing engine rebuilds IAW analysis results.
 - Work effort being overseen and completed by CG IBCT PL, NESU Seattle MAT & PSEA, expected to complete in summer 2011.
- Additional major work efforts during engine repair period:
 - Shift scheduled Davarability start date from May to March 2011.



- Complete MCAMS upgrades and conduct total system SOVT.
- Complete Main Gas Turbine Digital Fuel Control System upgrade to CL & Port Shafts by end of FY11.
- Complete Open Loop CPP System Conversion on CL & Stbd Shafts.





• Mid-way through a 3-year, \$57M effort to restore STAR to operational capability and extend its service life by 7 to 10 years.

POLAR STAR (WAGB-10)

- •Major System Upgrade Status:
 - •Main Motor Cleaning: #2 MM clean, dried, reassembling. #3 drying. #1 after CPP.
 - •Main Diesel Engine Upgrade: Blocks moving into ship, assembly w/ Honey Chrome cylinder liners in process.
 - •Open Loop CPP System Conversion: Rip outs complete, assembly during DD.
 - •CHS Removal/Crane Renewal: Rip outs complete, 3-ton crane first article test complete, assembly during DD.
 - •Gyro Upgrade: 75% complete, op test prior to end of 2010.
 - •Small Boat Davit Upgrade: Rip outs complete, awaiting outcome of OT&E of Miranda davit on SEA prior to finalizing davit type and location. Will be completed after DD.
 - •Aft Stern Tube Bearing Renewal: Scheduled for completion during DD.
 - •MCAMS Upgrade: Scheduled for completion during DD.
 - •MGT Digital Fuel Control Upgrade: Scheduled for completion during DD.



Questions?

