Thompson Mid-life Refit
Service Life Extension

RE-POWERING
- new engines
- alternators
- switchgear
- drives
- alarm/monitoring
- controls

ENGINEERING SYSTEMS UPGRADES
- A/C Plant replacement
- Firefighting systems upgrades
- RO Watermaker replacement
- Sewage system upgrades

SCIENCE SENSOR UPGRADES
- EM-302 upgrade
- Add 300 Hz ADCP

LAB SPACE IMPROVEMENTS
- Lab Lighting/Decks/Ventilation
- Remove Hydro-sweep

- More power on deck
- Add instrument well
- Refurbished/Upgraded Hydro Winches
- New workboat
- New Bridge Consoles, DP upgrade, ECDIS added
- Habitability upgrades
Mid-life Facts

• $26+M contract with Vigor Marine Seattle
  – Ockerman Automation is the Propulsion System Integrator
  – Bruce Rosenblatt is Vigor’s Naval Architect
  – 2 drydocking periods

• Ship enters yard: 16 June 2016

• Shipyard contract complete: 30 Apr 2017

• Planning for a month transition back to operations incl 10 day shakedown