Thompson Mid-life Refit / Service Life Extension update

- \$30M funding = repowering the ship → <u>Service Life</u> <u>Extension</u>
- In the RFP process evaluating proposals
- Award shipyard contract by 8/1/2015
 - Start planning, detail design, long lead time procurement, regulatory approval process
 - Enter shipyard May/June 2016
 - Finish shipyard Apr 2017 Oct 2017 depending upon bidder
- Plan for a month of prep & shakedown (NSF insp?) postdelivery to prepare for unrestricted science ops

Thompson Mid-life Refit / Service Life Extension

New LED Nav Lights



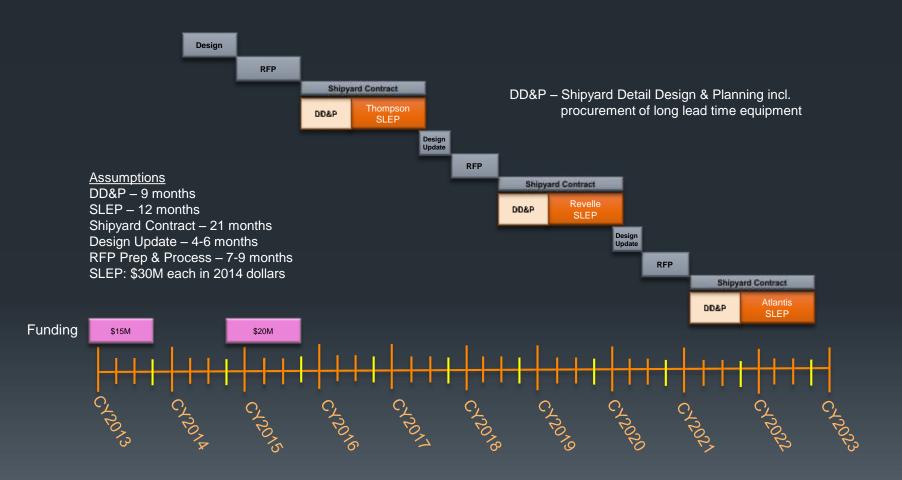
Lab Lighting / Decks / Ventilation Remove Hydro-Sweep, new Electronics Space with dedicated cooling **RE-POWER** – new engines, alternators, propulsion motors, switchgear, drives, AMS, controls

EM-302 upgrade Add 300 Hz ADCP

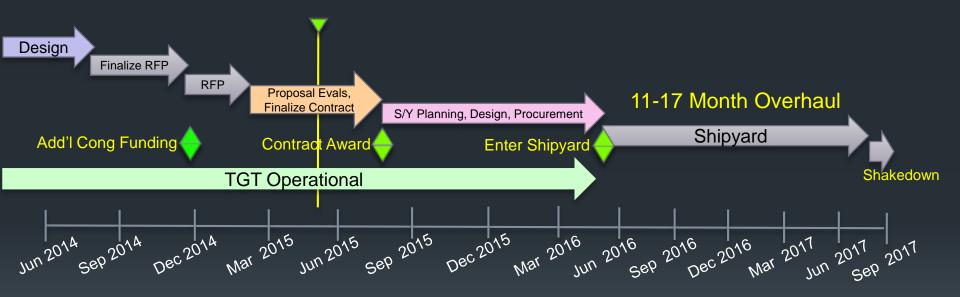
Engineering Systems Upgrades

- HVAC
- Firefighting
- RO Watermakers
- Potable Water System
- Sewage
- Ballast piping

AGOR-23 Class Service Life Extension Program Notional Timeline



Thompson Mid-life Refit Timeline – Re-power / SLEP Timeline



FY 2013 & FY2015 funding