

Thompson Mid-life Update

Timeline - Milestones

- Contract awarded 24 August 2015
- Thompson finishes science 24 May 2016
- Entered shipyard 16 June
- First seismic compressor removed 28 June
- Drydocked 15 August
- First generator set removed 19 August
- First new generator set onboard 22 September
- Undocked 25 October
- Shipyard complete 28 July 2017
- Shakedown cruise late Aug 2017
- Return to science mid-Sept 2017

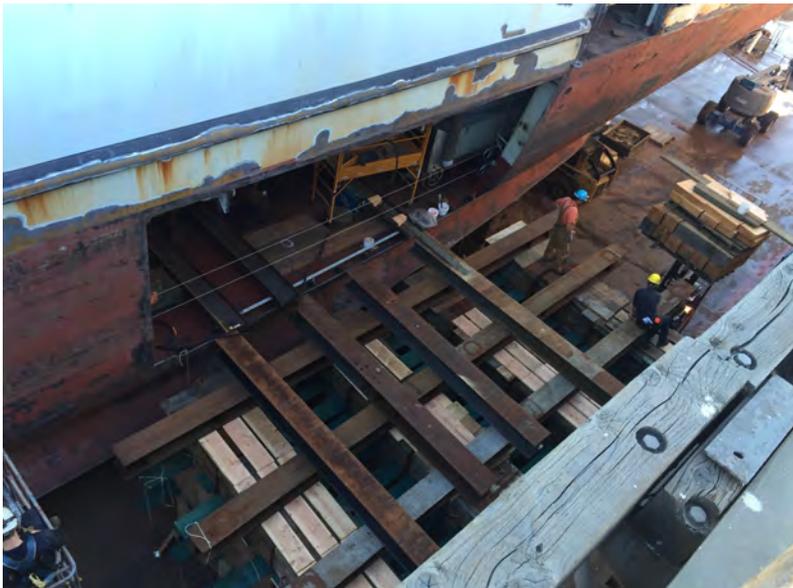
Shortly after arrival at Vigor



1st seismic compressor coming out

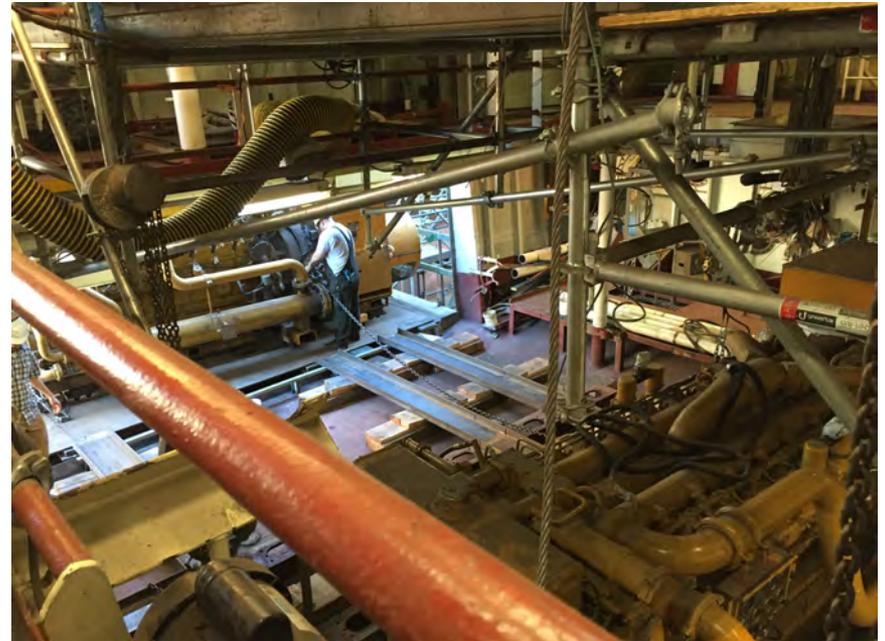
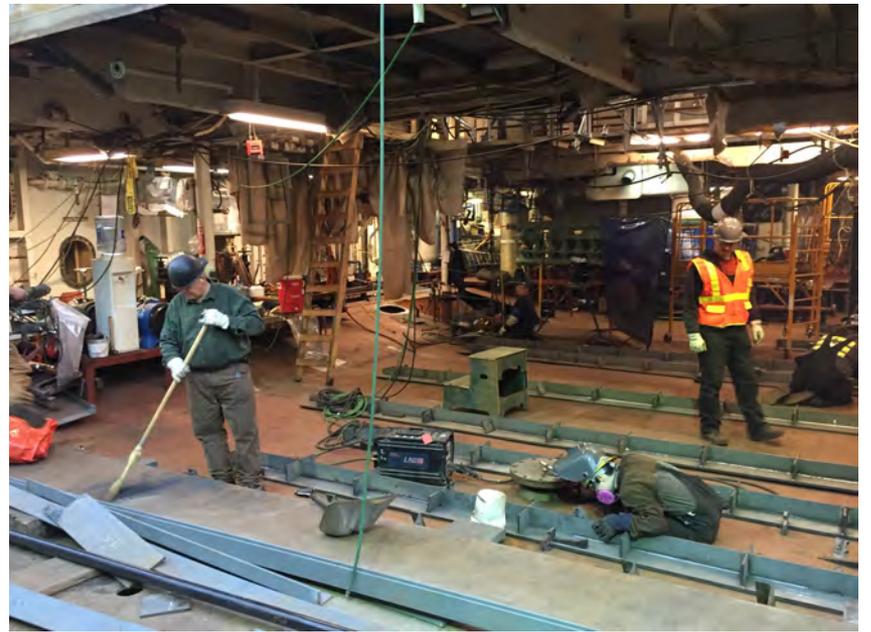


Ready to remove the generator sets



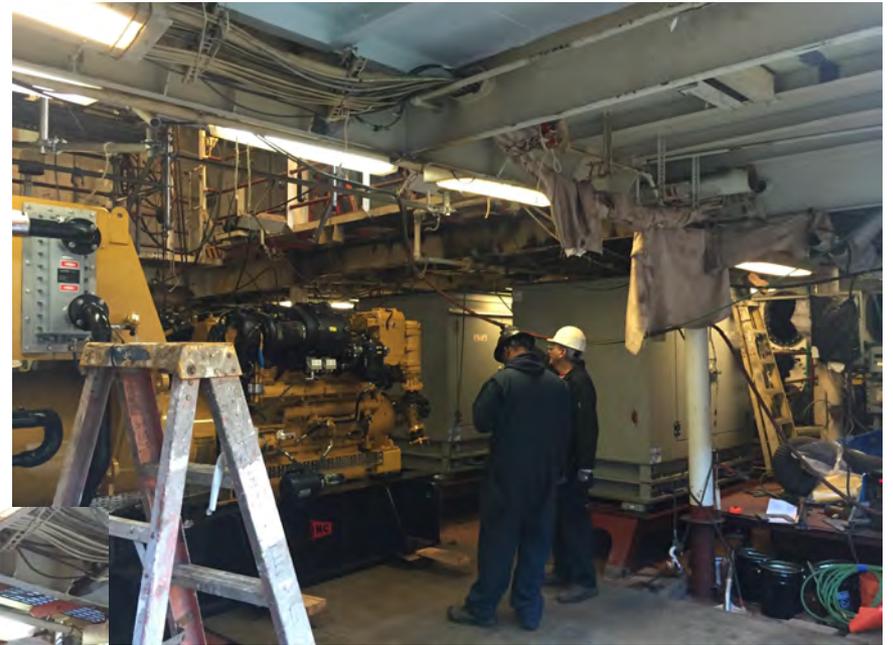
1st generator set out





1st generator set comes off





First new generator set being moved into place

1st new generator set comes onboard



EM-302 being replaced



Bridge gutted for new consoles



Blasting the aft main deck



Ballast tank before blast & paint



Bad old stuff – piping & wires



Badly corroded vent ducting



Computer Lab cleaned out

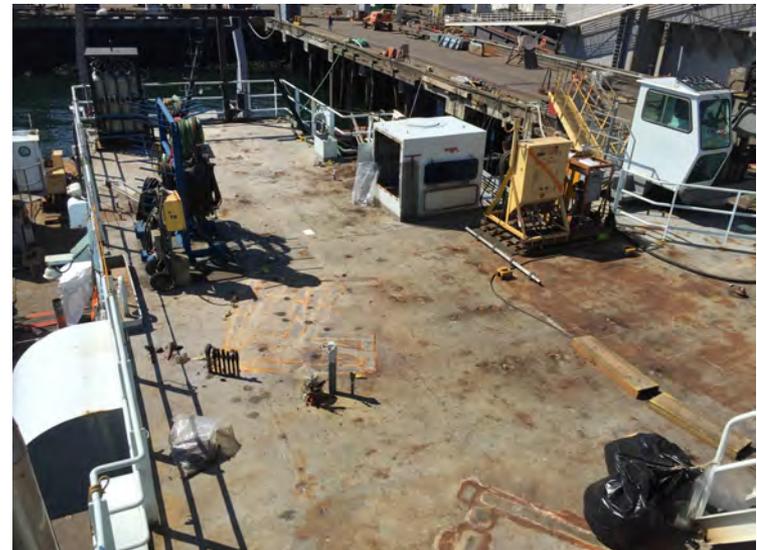


Senior Scientist S/R



Installation of new catwalk forward of the space, new cable feeds to new Bridge consoles above

Heavily corroded 02 Deck



Some deck plating replacement, new paint, new hydroboom foundation, updated hydro-winch & new foundations



Engineering Control Center Cleaned Out



Old Switchboards & Drives being removed



A-frame removed for repairs/maintenance



New switchboards undergoing Factory Testing

New gray water piping for head drainage



New firemain piping



New instrument well

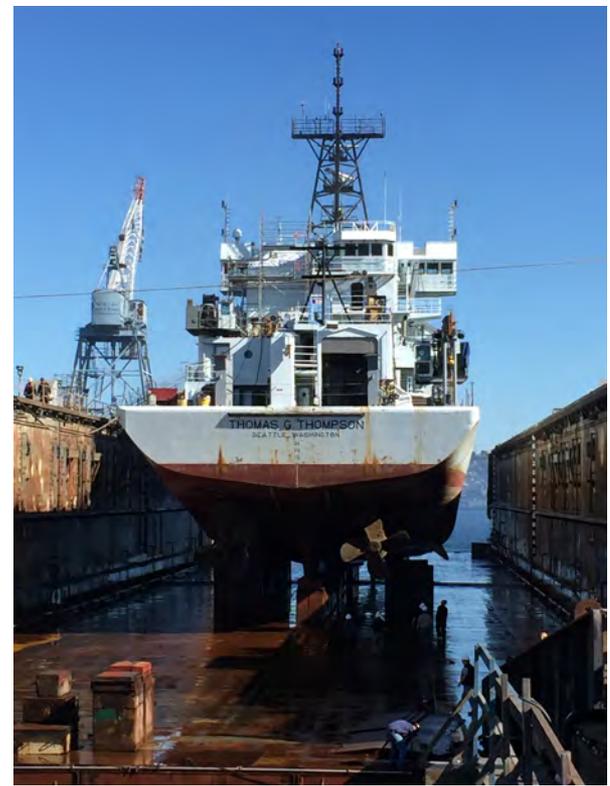


Transducer Void "refreshed"

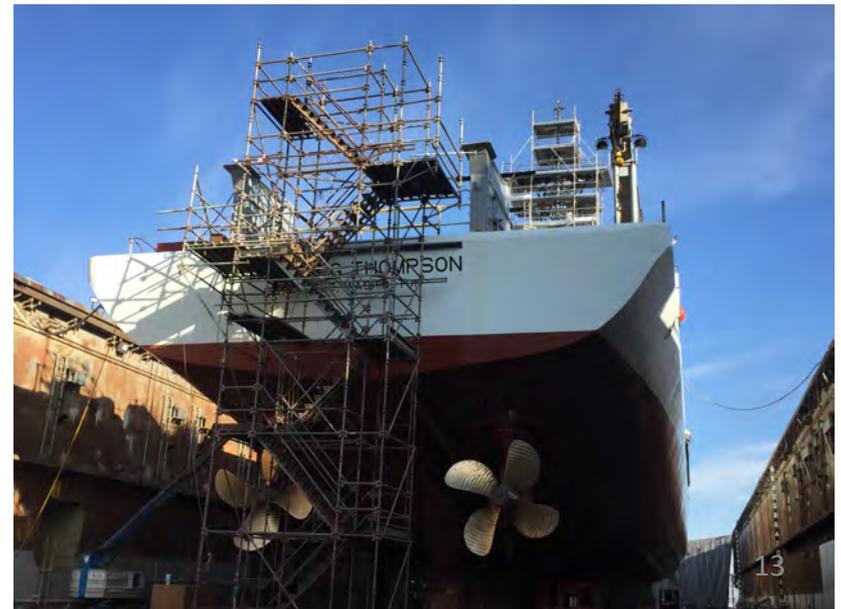




Looking tired
& worn out



Starting to
look
refreshed





Back alongside – with a lot more work to be done



Lots of new cable to install



New equipment & systems to install



New consoles to install



Lots more gray water piping to replace!

Plus grooming, testing, trials & training!!



Propulsion motors to remove, disassemble, clean, inspect & test



Summary:

- Lot of work still ahead
- Good progress
- Good quality
- Finding lots of things that really needed attention
- Excited about the final product
- Anxious to get back to work!!