

Thompson Mid-life Update

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Timeline - Milestones

- ✓ Contract awarded 24 August 2015
- ✓ Thompson finished science 24 May 2016
- ✓ Entered shipyard 16 June 16
- ✓ First seismic compressor removed 28 June 16
- ✓ Drydocked 15 August 16
- ✓ First generator set removed 19 August
- ✓ First new generator set onboard 22 September 16
- ✓ Undocked 25 October 16
- ✓ First engine lite off 7 September 17
- Drydock for Bow Thruster Plating Repair 22 September 17 - added
- Shipyard complete Nov 2017 - revised
- Shakedown cruise Dec 2017- revised
- Return to science early 2018 - revised

Major Issues

- Structural Repairs
 - Bow thruster flat plating
 - Sewage tank top plating
 - 01 Deck Locker
- Contractor underestimated amount of work
- Expecting testing phase to be a challenge without earlier preliminary system testing
- Cost growth

Summary

- Quality still seems to be good overall – the proof will be in all the testing
- The improvements are going to be good
- Ship condition significantly improved throughout as a result of all the work
- A lot has been accomplished – a lot more to be done in the next two months
- UW is re-taking the ship with compartment closeouts / re-outfitting
- End is in sight!!



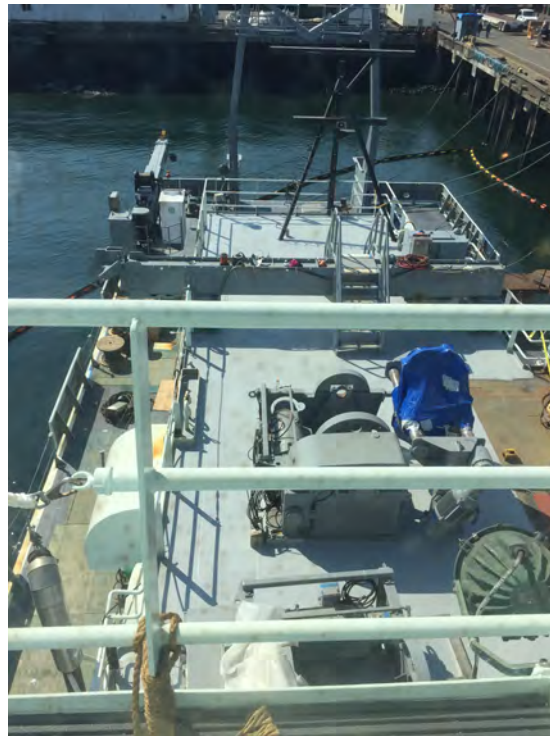
Sewage Tank Top Plating Repair



Pilothouse coming together



Blasted/Painted working decks



UNOLS Fall 2017



New 400 Amp Aft Deck Science Power

9/8/17



3516 diesel local controls powered up



Engineer's Operating Station at initial lite-off



9/8/17 #1 C32 diesel lite-off



UNOLS Fall 2017 Diesel exhausts entering the stack 6



Getting closer & closer...