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

Blasted/Painted working decks

Pilothouse coming together

New 400 Amp Aft Deck Science Power
3516 diesel local controls powered up

Engineer’s Operating Station at initial lite-off

#1 C32 diesel lite-off

Diesel exhausts entering the stack
Getting closer & closer…