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

Heavily corroded 02 Deck

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

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

Lots more gray water piping to replace!

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

Plus grooming, testing, trials & training!!
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!!