

Ocean Networks Canada

Ferry Maintenance Report – Queen of Alberni



Vessel: Queen of Alberni

Date: July 29, 2016

Arrival: 07:30 @ Duke Point terminal, Nanaimo

Reporter: Rowan Fox

Staff: Ian Giraudy, Stephen Phillips, Rowan Fox

Reason for Visit

Standard cleaning on the Seakeeper system. Stephen Phillips (Costa Lab, UVic) also joined in an effort to make measurements of the passenger embarkation walkway, future location of the SAS tracker.

Observations

1. No signs of damage in instrument box or mass leaking in tray. Dessicant was still somewhat wet.
2. Tubing was slightly fouled with algae.
3. Optode and BBFL2 covered in algae but cleaned off.

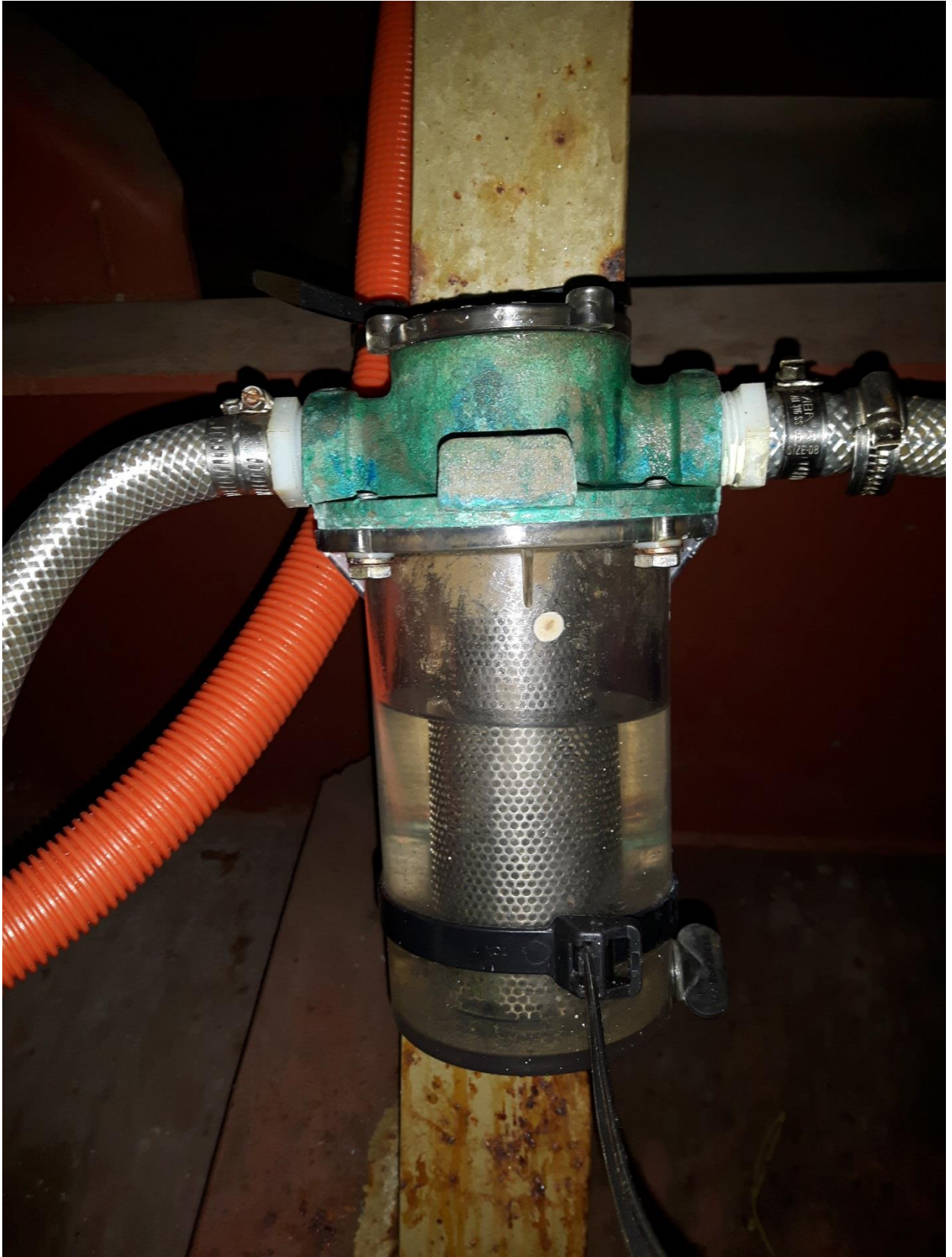
Actions Taken

1. Arrived at the terminal at 0730, parked in long term parking. Terminal was very busy, which required us to change our usual routine.
2. Boarded the ship, met with the Chief Steward. Signed in with the engine room.
3. Begin disassembly of seakeeper.
4. Cleaned the optode & BBFL2. Benchmarks are uploaded into the instruments' device folders on Alfresco.
5. Opened up the floor plate to inspect the gate valves and sea strainer.
6. Cleaned Sea Strainer.
7. Reassembled instruments after cleaning.
8. Powered up system, checked for leaks and data acquisition.
9. Deleted data files Turbidity*, App-Wind-Speed(Met)*, and Sensor* data files. These are files that are configured to be logging data, but are not necessary. It is unclear why these files are being written, and is considered to be a bug in SCS software.
10. Closed up plumbing and computer boxes.
11. With help of the chief steward, went to the passenger embarkation walkway in order to take measurements of the new SAS tracker location. Stephen Phillips working forward on the physical mounting.

Future Actions (High Priority in Red)

1. Do a brief inspection of the upper deck gear

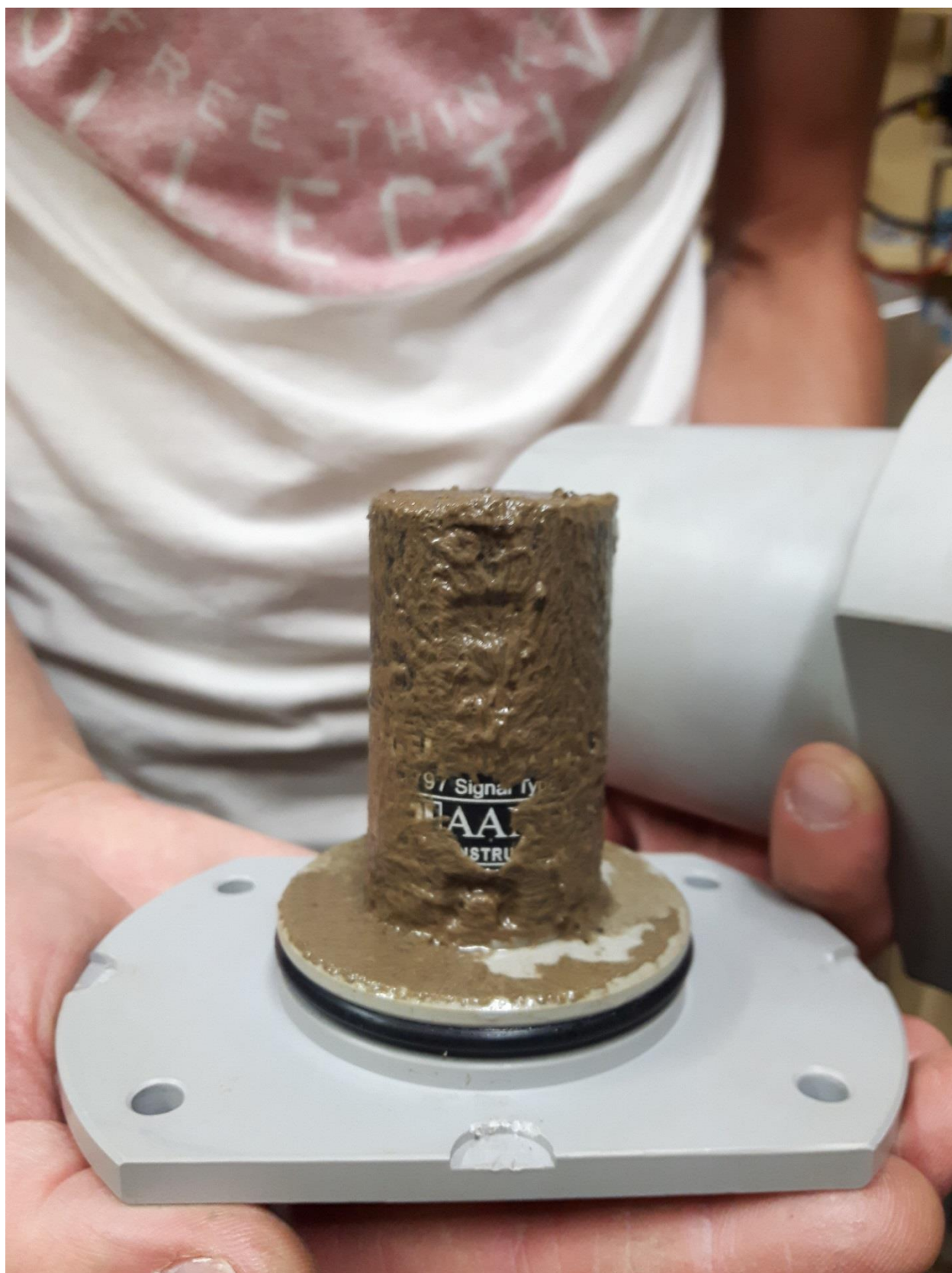
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