

Ocean Networks Canada

Ferry Maintenance Report – Spirit of Vancouver Island



Vessel: Spirit of Vancouver Island

Date: 2016-09-21

Arrival: 10am Swartz Bay terminal

Reporter: Rowan Fox

Staff: Kathryn Purdon, Will Glatt, Rowan Fox

Reason for Visit

Clean instruments, do benchmarks on BBFL2 and optode, investigate alignment of wind sensor on met station.

Observations

- Instrument housing was very dry, no signs of leaking, after last visit's swap out of the pump.
- Met station is rotated ~5 degrees from the center line. Needs alignment.
- Sea Strainer is leaking, will need replacement. See Photos.

Actions Taken

1. Opened up PC box, shut down system at about 11:30 PDT.
2. Removed instruments for cleaning: BBFL2, TSG, optode. Did benchmarks on BBFL2 and optode. Benchmark files are uploaded to Alfresco into device folders:
[BBFL2 SN785](#)
[AADI3835 SN1416](#)
3. Rinsed and cleaned seastrainer. Noted leaks around the mating surface of the top cap and the lower section. This will need to be replaced next trip.
4. Replaced tubing.
5. Reinstalled instruments and started system, no leaks detected.
6. Replaced dessicant, closed up both instrument box and computer box.
7. Went up to the met station. Noted that the wind sensor base is rotated about 5 degrees to the left of the ship's center line towards the bow. Everything else appeared fine.
8. Kathryn made measurements of the met station's height above the seawater.

Future Actions (High Priority in Red)

- Replace sea strainer.

Pictures

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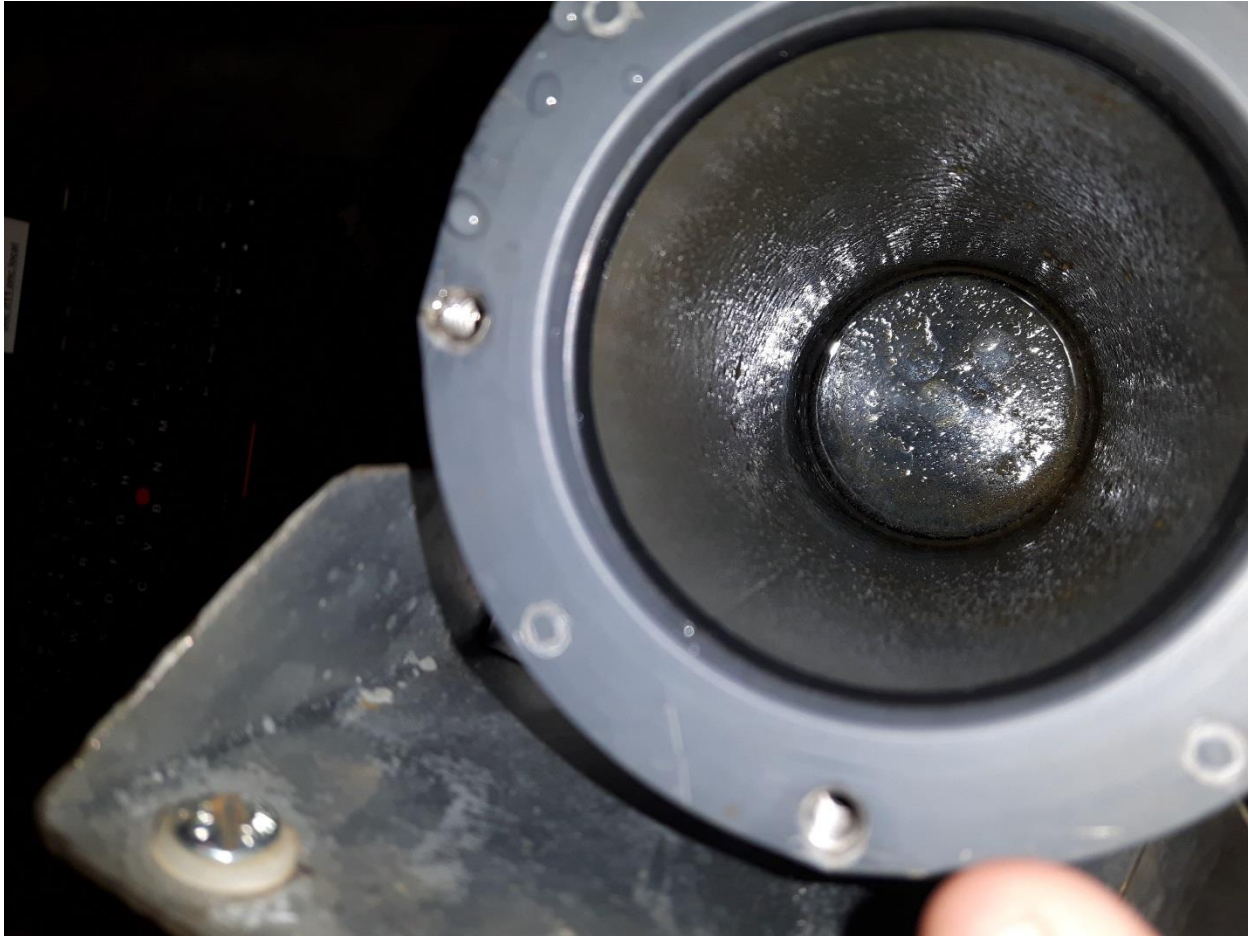
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