

Ferry Maintenance Report

Vessel: Queen of Alberni

Date: Dec 10, 2013

Arrival: 12:45PM sailing to Tsawwassen. We signed in at terminal supervisor at Duke point.

Reporter: Denis Hedji

Staff: Denis Hedji and Paul Macoun

Reason for Visit

Last visit Dec 6th, 2013 re-installed pod intake at hull using All Sea Diving. Dec 6th found instrument housing pump not functioning. Found leak coming out of pump. Need to replace pump, and possibility of pump control box. Turned power OFF in electronics /PC housing.

Observations

1. Same as it was left on Dec 6th, 2013

Actions Taken

1. While Powered down disassembled instrument lower assembly and fittings
2. Dismount pump controller electronics
3. Remove damaged pump.
4. Install new Teflon tape of fittings
5. Install new pump with new tubing. Install /solder in new connector on power wires for quick connect and disconnect for future service aspects
6. Swap electronics pump controller box and re-connect pump assembly
7. Open hull access plate to check Sea chest and sea strainer
8. Turn ON system
9. No leaks in instrument housing and check flow output at sea strainer. Flow was good.
10. Run system for 15 mins, and no leaks detected anywhere
11. Re-install new leak sensor and tape into tube below housing
12. Place new desicant into instrument box
13. Check Onscreen data output via PC, and logger shown all instruments logging "green"

14. On return trip from Tsawwassen to Duke point checked up on upper deck instruments – notice connectors at box were peeling/eroding. Determined future MET position. MET station seemed to be close to Ships stack. Radiometers can be moved about 12-15 feet too if we needed to move . Paul took pictures to re plan a different position on upper instruments
15. Email Marlene to notify return run to duke point should be a valid operating trip
16. Sign out at Engineering room – Engineer was to lock the Bosuns door after we leave, as it was opened upon arrival.

Future Actions

1. Bring more Desicant bags
2. Purchase more connectors for pump control box, and upper instrument box
3. Re-locate MET or Radiometers