

Subject: PANDORA Fort William - 2014/10/10 - Day 5

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Date: 10/10/14 21:06

To: oceans@list-serve.hw.ac.uk

Weather conditions

- cloudy, then rainy
- Day Temperature: ~ 6C

Incidents and near misses

- 0 - Incidents
- 0 - Accidents
- 0 - Near misses

Personnel in place

Valerio De Carolis, Mariela De Lucas, Francesco Maurelli, Len McLean

Goals of the Day

- run high-tide data gathering, with MB mounted vertically
- run high-tide data gathering, with MB mounted horizontally

Report (GMT)

07:00 start of the day
08:15 set-up at Pier
09:20 Nessie in water, from boat
09:40 data acquisition from boat (MB mounted vertically, pan at 90 DEG anticlockwise, not tilting)
10:50 stop data acquisition, securing and recovery of Nessie, charging equipment, changing MB mount
12:00 data acquisition from boat (MB mounted horizontally, pan at 45 DEG anticlockwise, tilting)
12:40 stop data acquisition
13:00 packing
14:00 lunch
17:30 visit to Loch Earn
19:30 arrival at HWU, unloading van
20:30 call the day finished

General comments

- both runs had the lab GPS attached to Nessie buoy
- first run was quite good, high tide, but very strong currents. Nessie thruster stopped working due to weed, then when cleaned from the boat worked well as usual.
- second run was limited by low tide coming

Future Objectives

- sort all data and notes in an understandable way, with proper labels
- analyse sonar data
- make a plan for Pandora final demo (and interim autonomous tests)