

Subject: PANDORA Fort William - 2014/10/08 - Day 3

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Date: 09/10/14 00:14

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Weather conditions

- sunny
- Day Temperature: ~ 16C

Incidents and near misses

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

Go-Pro camera slipped off the MB sonar during a run. It was recovered thanks to helpful action of one of the divers who spotted it in the clear low-tide and recovered. In order to prevent this happening again, cable ties will be used to secure it better.

Personnel in place

Valerio De Carolis, Mariela De Lucas, Francesco Maurelli, Len McLean, Jamil Sawas (until 17:15)

Goals of the Day

- try new nav from Valerio, in order to use joystick at fixed depth
- run high-tide data gathering, possibly pointing MB at 45DEG pan, in order to maximise camera view and overlap for both sonars

Report (GMT)

07:00 start of the day
08:15 set-up at Pier
09:00 checking new code, deployment discussion as divers pier unavailable
10:20 Nessie in water, from next to divers' pier, then moved towards the pontoon on the other side (10:37), data acquisition (MB pan at 45 DEG anticlockwise, tilting)
11:15 test new model-based controller, and data acquisition
12:00 stop data acquisition, securing Nessie, charging equipment
12:30 lunch/afternoon break (very low tide)
15:00 setting up for boat run
16:00 boat run (see <http://tinyurl.com/kov4xvc>)
17:00 Nessie recovery
18:15 dinner
19:30 copying data, charging equipment, analysing video
22:00 rosbag checking
23:00 call the day finished

General comments

- sunny and calm day. Vehicle behaving well with new software. Lot of good data taken.

Weather forecast for tomorrow

cloudy
Temperature about 12 DEG

Objectives for tomorrow

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

- run energy/fault tests