

Subject: PANDORA Fort William - 2014/10/06 - Day 1

From: Francesco Maurelli <f.maurelli@ieee.org>

Date: 06/10/14 23:38

To: oceans@list-serve.hw.ac.uk, Mariela De Lucas
<mariela.delucas@hotmail.com>

Weather conditions

- heavy to light rain
- Day Temperature: ~ 10C

Incidents and near misses

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

Personnel in place

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

Goals of the Day

- setup Nessie with p/t in the Ocean Frontier
- gather data of the tank with tilt option on

Report (GMT)

08:30 start of the day – meeting at OSL lab
09:00 packing in the track
11:00 new van arrived (very nice!)
12:15 departure to FW TUC
16:00 arrival at FW TUC
16:30 setup at Ocean Frontier
17:00 Nessie trim, mounting Go-Pro on P/T, P/T checks, time sync, first wet tests
18:15 dinner
18:45 Nessie deployed with wi-fi boat
18:51:21 Go-Pro starting recording
19:00 sonar params tuning
19:37 start recording rosbag, with vehicle moving around – see picture of movements
19:56 change pan angle
19:58 pan at 90 DEG [90 DEG anticlockwise, with 0 being in front of the vehicle)
20:27 recovery of Nessie from tank, packing and charge with timer
21:30 call the day finished

General comments

- late van arrival had an impact on the planned start of the day (heavy rain on the road, so probably reasonable delay)
- sonar MB mounted upside-down – probably it has always been mounted like this... (@Hash, I guess you have noticed that in your data?)
- pan angle is not consistent with vehicle's conventions – think if change that in the future...
- filename to rotate pan 90 DEG is called 45 → needs to be changed

Weather forecast for tomorrow

variable, from just cloudy to heavy rainy, depending on which website is consulted...
Temperature about 7 DEG

Objectives for tomorrow

- set up at the Pier
- gather data with P/T on, scenario testing
- stretched goal, according to time and weather: data gathering with a boat