

From: Brett Hobson <hobson@mbari.org>
Subject: Re: CANON logistics meeting
Date: June 19, 2014 1:14:44 PM PDT
To: Duane Edgington <duane@mbari.org>
Cc: James Bellingham <jgb@mbari.org>, Kevin Gomes <kgomes@mbari.org>, Mike McCann <mccann@mbari.org>, John Ryan <ryjo@mbari.org>, Monique Messié <monique@mbari.org>, Paul McGill <mcgill@mbari.org>, Brian Kieft <bkieft@mbari.org>, Danelle Cline <dcline@mbari.org>, Thom Maughan <tm@mbari.org>, Yanwu Zhang <yzzhang@mbari.org>, Francisco Chavez <chfr@mbari.org>
Reply-To: Brett Hobson <hobson@mbari.org>

Hi Duane,
Thank you for sharing the notes. I'd like to make a clarification on the following topic:

Kevin: since locations of Makai will be coming from packets sent by Daphne over acoustic modem to wave glider.
Need someone to take these locations out of the messages and send them to ODSS as platform positions
Kevin/Danelle/Monique to work this out

Makai will be tracked by the wave glider using the DAT (USBL) and the position estimate will be sent ashore so LRI can command the Wave Glider to follow Makai. You should check with Brian Kieft to figure out how to access those position data for input into ODSS. Daphne will also be calculating the relative position of Makai to plan her circular trajectory around Makai, but will not be sending acoustic packets to the wave glider.

Thanks,
Brett

On Jun 19, 2014, at 4:56 PM, Brian Kieft <bkieft@mbari.org> wrote:

Kevin,
That data will (ideally) be coming in on the standard Hotspot path on beach. In this case though the data will be generated from "Tiny" not "daphne" like last time. As Brett mentioned, there is no acoustic data path. Just the calculation of position from the surface.

Mike, do you have a data standard for locations of vehicles? Something like

a NMEA string with the vehicle's unique ID? I'd like to copy anything you already have in place to hopefully make things easier. I imagine I could follow your track format for other stuff?

-bk-

From: Mike McCann <mccann@mbari.org>

Subject: Re: CANON logistics meeting

Date: June 20, 2014 10:32:27 AM PDT

Yes. Just send emails to auvtrack@mbari.org with the data in the Subject in this format:

<platformName>,<unixEpochSeconds>,<longitude>,<latitude>

<platformName> must be 9 characters or less and <longitude>,<latitude> are in decimal degrees.

For the Coastal Profiling Float's positions, send emails (in the same format) to driftertrack@mbari.org

-Mike

From: "Brian Kieft" <bkieft@mbari.org>

Subject: RE: CANON logistics meeting

Date: June 20, 2014 5:37:07 AM PDT

Indeed. Basically anything carrying an MF acoustic modem that is within range of the Waveglider would have its position reported. Note that in the case of any of these vehicles, we can only track a single asset (track as in geolocate and follow).

-bk-

-----Original Message-----

From: Francisco Chavez [mailto:chfr@mbari.org]

Sent: Thursday, June 19, 2014 5:09 PM

Heads up that we also need to track the Coastal Profiling Float with the wave glider.
