

From: Thom Maughan <tm@mbari.org>
Subject: Re: CANON meetings
Date: March 12, 2014 5:26:06 PM PDT
To: Francisco Chavez <chfr@mbari.org>
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Reply-To: Thom Maughan <tm@mbari.org>
Francisco,
I will not be able to make the meeting as I'm at Cal Poly on Mar 13.

Waveglider status:

1) EcoPuck cable has been built, Paul Coenen is building the adapter plate. We will have the EcoPuck on the Waveglider during the engineering test but it will be in a foam pack - this is purely for software / driver work. Hopefully we'll have no issue with the software configuration and it will 'just work'. After recovery from the engineering test, Paul will mount the EcoPuck on the float in the round payload box.

2) We were able to power up the OA payload box, but were NOT able to get the waveglider to collect data. We'll need more time and some support from LR to debug. This will likely happen after return from EcoHAB in May.

I'll let the HotSpot team speak for the HotSpot portion of the Waveglider as they are managing the vehicle for EcoHAB.

A couple things that I'll send in a broader announcement later:

MARINE SANCTUARY NOTIFICATION: We tried to get a blanket notification, however the Marine Sanctuary requires minimum 2 weeks (to be confirmed) advance notice for autonomous surface vehicles like the Waveglider. The approach will be to identify the Waveglider in a ships pre-cruise plan filed at least 16 days (three weeks preferred) in advance of a launch. Teresa Cordoza will send a message to the waveglider_notify mailing list and Mandy Allen who is on that list will provide the notification to the Marine Sanctuary. Moving forward, **THIS MUST BE DONE OR THE WAVEGLIDER WILL NOT GO OUT.** We will also be insuring that Liquid Robotics mission plans will be filed with the same approx. 3 weeks advanced notice.

Operational cost for the waveglider at EcoHAB is \$250/day for piloting plus communications cost. Previously with Iridium only that cost was approx. \$100/day. Tiny (the new SV3 waveglider) comes with both an iridium and a cellular modem. If the vehicle is within cell coverage, the cost is greatly reduced, we'll be tracking it to find out how much.

Thanks, Thom