

Gene Massion

From: Steven Bograd - NOAA Federal <steven.bograd@noaa.gov>
Sent: Monday, October 17, 2022 1:53 PM
To: Henry Ruhl
Cc: Michael Jacox - NOAA Federal; Elliott L Hazen; chris.harvey@noaa.gov; Gene Massion; Yi Chao
Subject: Re: OTT coastal profiling float

Hi Henry,

Thanks for sending, and sorry for not responding earlier - I think this got lost in my inbox while I was traveling!

This does look like a great opportunity to bring some new technological capacity to coastal observing in the CCS. There is an effort in hand to think about how BioArgo data can be brought into fisheries-relevant questions in the CCS, e.g. characterizing the oxygen habitat in the offshore waters of the California Current and relating to highly migratory species that may be impacted by O2 variability. The constraint there is the BioArgo observations are quite limited and generally well off-shelf. Were you thinking of a shallower profiling float for this application? If so, I think it would be an easy argument to say that characterizing the biogeochemical environment of coastal waters would be highly valuable for ecosystem/fisheries applications, and could contribute to CCIEA reports, Sanctuary condition reports, etc.

Thanks,
Stevem

On Oct 17, 2022, at 1:34 PM, Henry Ruhl <hruhl@mbari.org> wrote:

Hi again,

Just checking back to see if this is of interest....

If so, might one of you available for a quick chat to help tidy up the terms/LOI and we can go from there based on feedback?

Best-h

From: Henry Ruhl <hruhl@mbari.org>
Sent: Friday, September 30, 2022 4:08 PM
To: 'Steven Bograd' <steven.bograd@noaa.gov>; 'Michael Jacox - NOAA Federal' <michael.jacox@noaa.gov>; 'Elliott L Hazen' <elliott.hazen@noaa.gov>; 'chris.harvey@noaa.gov' <chris.harvey@noaa.gov>
Cc: Gene Massion <magene@mbari.org>; 'Yi Chao' <yi.chao@seatrec.com>
Subject: OTT coastal profiling float

Hi Folks,

You'll be aware of the Ocean Technology Transition program in IOOS. https://ioos.noaa.gov/project/ocean-technology-transition/?utm_medium=email&utm_source=GovDelivery

There's a call out now: https://www.grants.gov/web/grants/view-opportunity.html?oppld=342720&utm_medium=email&utm_source=GovDelivery

I wanted to e-introduce you to Gene Massion and I think you all know Yi Chao, who are considering an OTT proposal to advance a coastal profiling float. It's only a letter of intent stage at the moment, due 21 October.

We're considering a use application for oxygen dead zone work in the Gulf of Mexico along with a college from Columbia U. We also wanted to consider potential use case for fisheries and thought the CCLME IEA could be included in some of the potential requirement setting etc. I think that by following the successful ways of working with Argo, coastal floats could be very competitive. The OTT project could set the stage from going to research, doing some user engagement and additional development/testing, to a longer term plan for a larger float array funded later.

If this of interest, is there a preferred point of contact in the IEA team?

