

Gene Massion

From: Mandy Allen <mandy@mbari.org>
Sent: Thursday, August 25, 2022 11:04 PM
To: Ken Johnson; Gene Massion
Subject: Phase 1 MT Feedback: 901206

Hi Ken and Gene,

Below is the Management Team feedback for your proposal. Please see the Management Team contact if you have any questions.

Phase 2 responses are due on Thursday, September 8 at 8:00 a.m. Responses should be emailed back to me by the deadline. Please be sure to make any changes to the expense, labor, and/or ship budgets, if required, in the MBARI budget entry web at [this link](#) prior to the deadline as well.

Current budgets can be found on the [2023 Proposal Process page](#).

Thanks,
Mandy

901206 Coastal Profiling Float Transition to Science Applications

Rating: 2

MT contact: Scholin

Management Team Feedback

General Comments:

The MT agrees that the highest priority task associated with this project is to complete the upwelling science demonstration experiment with Ken/Yui. We were unclear about how that primary objective relates to the list of other ongoing and proposed tasks that were included in the proposal. From our perspective, the sole focus should be proving that the CPF can meet the basic requirements set forth in the upwelling experiment; all other work, although understandably attractive, should be secondary to that goal. We do not support further development of the CPF until the primary upwelling experiment has been completed successfully.

For Phase 2 please address the following:

Two primary engineering tasks are noted without much definition: improve the platform based on lessons learned, and increase deployment duration (which we understand from Ken's proposal is the singular most important thing to do in order to realistically attempt the upwelling experiment).

Please provide a brief overview of the deployments to date and the resultant lessons learned that provide the basis for a specific task list and associated shared labor requests.

What specifically is required to increase deployment duration? Is that the incorporation of the high energy battery pack? Again, what specific tasks does this entail and what shared resources are needed to accomplish that work?

You have listed a number of “like to dos”, including integrating a new controller since the original is EOL. We understand the desire to move to the new controller, but please explain how/if that is in the critical path to advancing the upwelling science experiment demonstration. From the text given, it does not appear to be essential—please clarify.

Do we understand correctly that you are using funds allocated for CY 2022 to support external contractor work for various software upgrades? Do you intend to complete the contractor work this year or are you assuming that some unspent project monies from this year will be applied next?

One day of the *Packard* was requested; was that an errant entry? At this point we are unsure of when exactly the ship will enter service, and so all requests for the Packard are still TBD.

Eric Martin is heavily oversubscribed. Please reduce the request from 350 hours to 250 hours.

Jared Figurski is oversubscribed. Please reduce his hours to 35.

Please increase the hours requested for Gene to 1121 to bring overall requests across projects to the available hours per accounting.