

Generic notes for all project teams – Please review these notes carefully before preparing your Phase 2 response: Overall Phase 1 requests exceed total available resources, so some adjustments are necessary. Please review the information below ahead of preparing your Phase 2 response, and feel free to ask the Management Team (MT) for clarifications should questions arise. Project-specific feedback follows this general information.

Ratings

There is no need to prepare a Phase 2 response for those projects given a “1” rating. Nevertheless, be aware that while the MT fully supports the proposal as-is, it is possible budget cuts may be necessary pending final budget, labor, and ship time balancing.

A rating of “2” means some action or response from the project team is required. In most cases, the MT has made specific recommendations that are needed to support a modified version of the project plan, and the project team is asked to implement those changes. In other instances it may be possible for the project team to suggest alternative project revisions, and these will be considered during Phase 2 reviews. If you plan to suggest project revisions differing from those requested by the MT, you are encouraged to discuss those changes with a member of the MT prior to submitting your Phase 2 response.

A rating of “3” means the project will not be supported in 2018 and so no response is needed.

Direct expenses - general

Total requests exceed available funds by >\$1.7 million and so an overall budget reduction during Phase 2 is necessary. Please review your budget requests carefully to determine if any savings are possible, and if so, revise your budget accordingly. In some cases, the MT feedback provides specific suggestions/guidance/instructions on reductions for Phase 2, but all project teams are also asked to consider ways to reduce costs where possible and appropriate.

Direct expense - travel

Travel expense requests to attend AGU in Washington, D.C. and Ocean Sciences in Portland, OR will be standardized across all projects. Please adjust travel expense requests for AGU/Washington, D.C. to \$3,000 per traveler. Requests for travel to Ocean Sciences/Portland should be \$2,300 per traveler. Registration fees are \$500 for both conferences. Also note that MBARI has pre-paid 25 registrations for the Deep-Sea Biology Symposium. Please take note of comments related to a request to attend that meeting if you have included it in your project budget.

Labor hours

Accounting has determined a target number of total hours available by individual across projects. This number takes into account accrued vacation time, holidays, sick leave, other leave, etc. Feedback may include a request to alter hours to reach this target number. Note that this number is for budget purposes only and actual charges may differ, although a review of historic charges indicates these numbers are close to historical

hours actually charged to projects. The target number will continually be fine-tuned to be able to more accurately forecast hours charged to projects.

Engineering

As in previous years, requests for engineering time exceed the number of allocable hours. Please ensure that requests have been carefully scoped and, if possible, reduce those requests. Where applicable, prioritize engineering tasks and indicate in your response which tasks may be deferred or removed. Please see Doug Au if you have any questions or need further information.

Some reductions/changes in engineering resources have already been identified by the MT. These changes are detailed in the project-specific feedback below. Please review these changes carefully and enter these revisions in the budget system, as appropriate, for your project. If there are concerns about the suggested changes to resources or project scope thus far, please include details in your Phase 2 response and provide justification for any requests. Again, please reach out to your MT contact if you would like to discuss your response prior to the Phase 2 deadline.

Video Lab

Video lab support will cover the 2018 project requests for annotation; however we are unlikely to be able to accommodate as many requests for video lab to provide shipboard support at sea in 2018.

Final notes

Please be sure to enter all budget revisions (labor, ship, expense) in the web budget system, as necessary, prior to the Phase 2 deadline (Thursday, September 7 at 8:00 a.m.).

All written Phase 2 responses should be sent directly to Mandy Allen via email.

901704 Benthic Observation System

Rating: 2

MT contact: Scholin

Management Team Feedback***General Comments:***

Thank for preparing such a clear proposal. We're pleased to see how this is going -- this project is of keen interest to the Packard Foundation.

For 2018 please focus on delivering the 8-camera system to TNC. Make sure your TNC counterparts procure a load-rated winch so that it can be used on any vessel.

Defer transfer of the 2-camera system to Kelly B-B for now. We think a more productive use of your time would be to fully understand what is required to meet the needs of Kelly and others before undertaking further modifications of the 2-camera system. For example, would the mini-ROV smart clump meet Kelly's needs?

You mentioned use of the Martin – is that provided by MLML with support from TNC or other? We don't see a request for the Martin in your budget.

For Phase 2 please address the following:

- Adjust budget request to reflect the focus on the 8-camera system only, and adjust your labor request accordingly (see below).
- You requested use of the Paragon, but no operator is identified. Jared?
- Eric Martin is oversubscribed. Please reduce this request from 240 hours to 140 hours.
- Kent Headley's time should be reduced from 360 hours to 160 hours as there are no requirements to integrate contextual sensors.