

901206 Coastal Profiling Float Science

To all project teams:

Each year more requests are typically submitted during the Phase 1 proposal process for all budgeted categories (expense, labor, and ship) than can be met given available resources. Therefore, please be conscientious when determining what your team needs, and if your proposal includes a series of subprojects please list them in order of priority in the event that budget cuts are necessary.

Note that the title page of the 2018 Phase 1 proposal requires that you provide a percentage assessment of total effort that you anticipate being directed toward three high institutional goals (development/adaptation of innovative technology, use of developments to explore/understand the ocean, and technology/knowledge transfer). Please consider responses carefully and thoughtfully to accurately convey what fraction of the project is dedicated to each of these areas; the Board of Directors has requested this information. Please see any member of the management team or Mandy Allen for more explanation.

Rating: Likely to be supported, but not necessarily at the level requested

MT contact: Scholin

Management Team Feedback:

Thanks for your presentation—it was very informative. For the 2018 proposal, please provide an update on milestones you expect to achieve by the end of this year as per your 2017 proposal (see page 7). Relative to what you proposed, where do you expect to be by the end of this year? If you do not foresee being able to run multiple floats reliably, simultaneously, as you envisioned by the end of this year, then is the plan to deploy five (5) at 100 miles offshore in 2018 the best next course of action?

We sense there may be a conflict between the need to prove that the platform is reliable and ready for undertaking an ambitious science experiment, versus the desire to push forward with an offshore science experiment without necessarily knowing if the platform is ready. From our perspective, it seems more prudent to deploy fewer floats closer to shore to gain more operational experience and validate the system before undertaking the larger and very exciting science initiative (especially since the science experiment is far from shore, and it may not be possible to recover a wayward CPF).

It is not certain that sufficient funds will be available to cover all of the CPFs mentioned in the presentation, so regardless of how you decide to proceed consider including a fallback position wherein the 2018 fleet of CPFs is <5, and the wave glider is not guaranteed for your entire field program.

We encourage you to develop an external proposal that requests support for building additional CPFs in support of a well-planned, multi-PI science experiment.