

**901500 AUV Science Operations Using Terrain Relative Navigation**

***Please note that Phase 1 requests exceed available resources:***

Software engineering

*Requests for SE time exceed the number of allocable hours by approximately 2 FTEs. Please ensure that requests for SE time have been carefully scoped and, if possible, reduce those requests. Where applicable, prioritize software engineering tasks, and indicate in your response which tasks may be deferred or removed to enable balancing labor resources.*

Ship time

*Requests for the Rachel Carson and Western Flyer exceed total available ship time by 52 days (26 days for each ship). Support for all requested 12h and 24h days for the Carson (beyond those allocated to the Gulf of California cruise) is untenable. Therefore, please consider how your project might combine ship days with other projects or cut down the number of ship days you have requested.*

Final notes

*Please be sure to update **expense** and **ship** budget changes, as necessary, in the web budget system prior to the Phase 2 deadline (Tuesday, September 9). All **labor** changes should be sent to Mandy Allen directly via email; do not adjust labor requests using the web budget system. Mandy will be making and tracking all changes to labor requests to ensure allocations are appropriately booked, particularly with respect to the Engineering Division reorganization*

*(<https://mwww.mbari.org/engr/Documents/Engineering%20OrgChart%20Rev%20Final.pdf>).*

Rating: 1

MT contact: Doug

**Management Team Feedback**

*General Comments:*

*There is a plan in place with DMO to provide the Iceberg AUV for this proposed work in 2015.*

*All projects with seafloor imaging milestones are being asked to prioritize their work and provide a list of cruises that could be deferred to following years.*

*Mandy Allen will make the following changes in the labor budget:*

- *Rob McEwen is over requested for 2015, and his time will be reduced from 600 to 500 hours. Please de-scope tasks accordingly.*
- *Dale Graves' time (40 hours) for the Mini ROV work was not entered in the budget, so it will be added.*