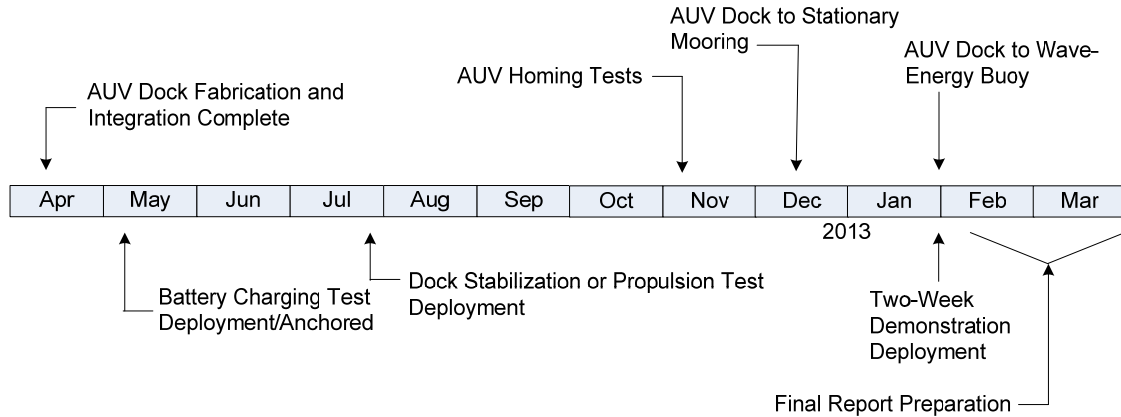




Notes:

- Battery-charging test deployment delayed until May due to power electronics issues.
- AUV Docking activities still require six month program extension for two reasons:
 - o Failure analysis and re-commissioning of vehicle still on-going. Vehicle loss event incurred approximately 3 month delay in all AUV activities, pushing the docking schedule into conflict with other, previously scheduled, AUV commitments
 - o Benthos is going to require some time (and possibly money) to resolve USBL calibration issues.

Activity	Date	Labor (weeks)	Material Cost	Ship Costs	Total Cost (burdened)
At-Sea Test of Battery Charging	May 2012	2	\$0	\$8,000	\$23,632
AUV Dock Design and Fabrication	April 2012	2	\$4,000		\$17,592
AUV Dock Test to Stationary Mooring	Dec 2012	14	\$4,000	\$8,000	\$98,981
AUV Dock Test to Wave-Energy Buoy	Jan 2013	12	\$15,000	\$8,000	\$104,039
Propulsion Testing	July 2012	8	\$12,000	\$8,000	\$76,406
Two-week Demonstration Deployment	Jan 2013	8	\$8,000	\$8,000	\$70,366
Analysis and final report preparation	Mar 2013	6			\$43,318
10% Contingency					\$39,101
Total		52			\$473,434

Additional Funds Required

Activity	Date	Labor (weeks)	Material Cost	Ship Costs	Total Cost (Burdened)
USBL Calibration		2	\$10,000		\$23,850
Six month extension of funds to support Francois		24			\$105,000
Numerical Model Packaging for General Use		4			\$28,879
10% Contingency					\$12,885
					\$170,614