

2008 Summary of Research Reports

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Project: NAVSEA 05 Support for Midshipmen Engineering Projects
Sponsor: NAVSEA

Statement of Work:

Funding is provided for the support of Midshipmen training in connection with engineering design projects as well as outreach initiatives. Funds will be used to cover costs of consumable materials in support of design projects and related experiments, participation in and travel to design competitions, and outreach activities in the Engineering and Weapons Division. Provide quarterly status report on projects and financial to SEA 05H (Ron Crockett) and SEA05CF2.

Project: Experimental Testing of Full-scale Remotely-Operated Vehicle (ROV)
Sponsor: Oceaneering International, Inc.

Statement of Work:

Oceaneering International, Inc. plans to test two ROVs in the 380-ft towing tank at the U.S. Naval Academy. This testing will consist of operation of the ROVs from the towing carriage, while the carriage moves down the tank at slow speed (2 knots or less.) 1. Provide two technicians to operate the 380-ft Towing Tank for two days of testing. 2. Mount lights and an underwater video camera on the towing carriage to record ROV operation while underway. 3. Supply a location on towing carriage from which Oceaneering will operate ROVs. This location will have 110-V AC power available. 4. At the conclusion of the testing, provide video recordings in DVD format to Oceaneering International, Inc.