

NPS Center for AUV Research

Office of
Naval Research

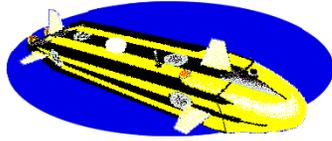
800 N. Quincy St., Arlington, VA 22217-5460



Center Programs Currently Funded

<http://web.nps.navy.mil/~me/healey.html>
<http://www.cs.nps.navy.mil/research/auv/>

- Advanced Control Systems Architectures for Handling Complex Mission and Vehicle Control Problems. (ONR / VPI MURI Program)
- Coordinated Motion Control Using High Frequency Imaging Sonar. (ONR / MURI)
- Modeling and Simulation of Multiple Low Cost Robot Vehicle Scenarios in Minefield Mapping and Target Reconnaissance Operations.(ONR / NAVEODTECHDIV / CSS)
- Autonomous Fault Detection and Compensation for AUV's. (ONR / UUV Program)
- Small AUV Vehicle Navigation Filters Using Asynchronous Data Fusion. (ONR / Florida Atlantic University)
- Advanced Nonlinear Control Developments for AUV's. (ONR / VPI MURI Program)
- Advanced Countermeasures Development. (NUWC)
- Sea State Learning and Disturbance Compensation. (ONR / VPI MURI)
- NICOP Cooperative Approaches to Field Object Detection, and Mapping Using Sonar and Video (ONR)



NPS Center for AUV Research

Office of
Naval Research

800 N. Quincey St., Arlington, VA 22217-5460



Center for Autonomous Underwater Vehicle Research

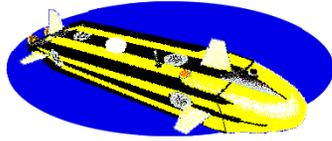
Faculty and Staff

Anthony J. Healey, Professor of Mechanical Engineering, Director
Donald P. Brutzman, Assistant Professor, Undersea Warfare
Robert B. McGhee, Professor, Computer Science
Roberto Cristi, Associate Professor, Electrical and Computer Engineering

David B. Marco, Ph.D., Mechanical Engineering
Young Kim, Mechanical Engineering

Jeffery S. Riedel, Doctoral Candidate
Todd Hawkinson, Doctoral Student
Mike Holden, Military Instructor and Doctoral Student

Master Degree Students



NPS Center for AUV Research

Office of
Naval Research



800 N. Quincy St., Arlington, VA 22217-5460



Phoenix on the Surface, Monterey Bay
November 1997



NPS Center for AUV Research

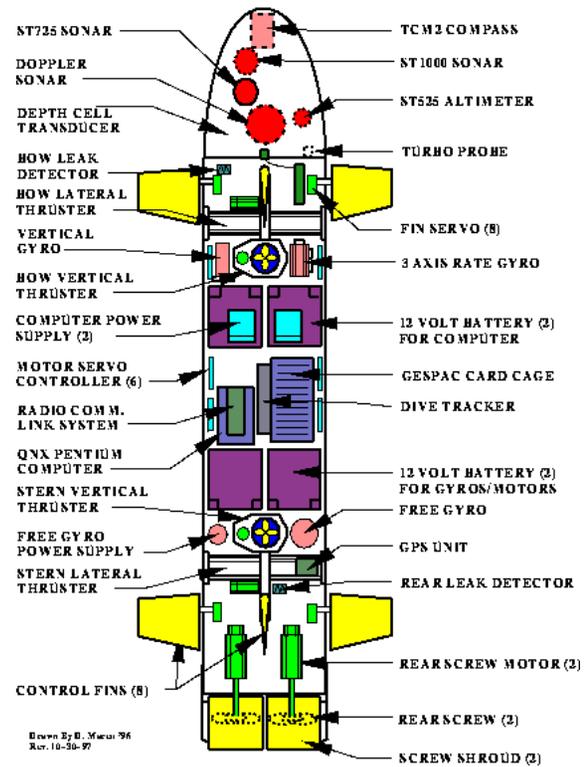
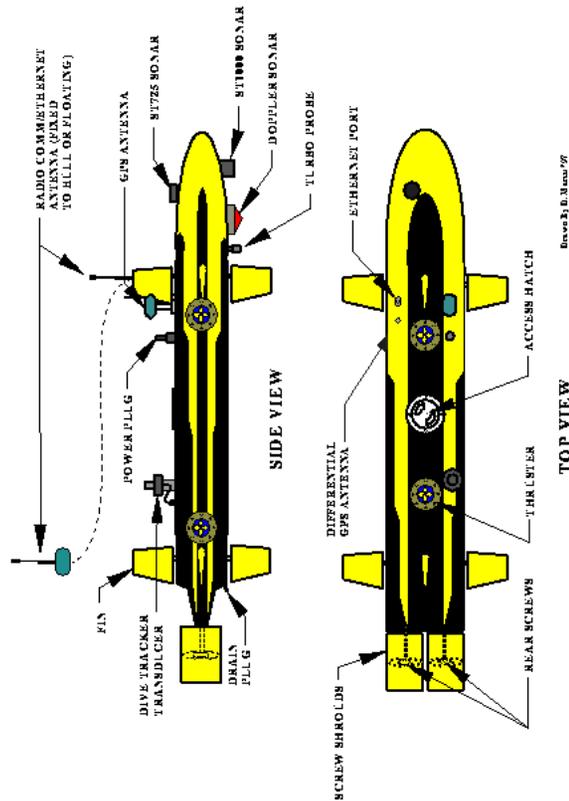
Office of Naval Research
800 N. Quincy St., Arlington, VA 22217-5460

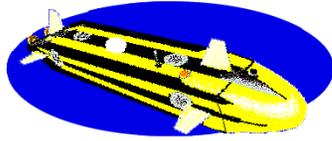


NAVAL POSTGRADUATE SCHOOL CENTER FOR AUV RESEARCH

PHOENIX AUV FOR MINE RECONNAISSANCE/ NEUTRALIZATION IN VERY SHALLOW WATERS

NAVAL POSTGRADUATE SCHOOL PHOENIX





NPS Center for AUV Research

Office of
Naval Research



800 N. Quincey St., Arlington, VA 22217-5460

References to Phoenix Vehicle and Publications:

<http://web.nps.navy.mil/~me/healey.html>

http://web.nps.navy.mil/~me/ajh_pubs.htm

<http://www.cs.nps.navy.mil/research/auv/auvframes.html>