

2.011 Spring 2006  
Homework #1

Research ONE underwater vehicle from the list provided. Choose from this list of vehicles. Only one student per vehicle.

Prepare 5 minutes (2-3 Powerpoint slides maximum) about its main mission, any special design considerations (pros/cons), history, and any suggestions for making it a better vehicle. You will present your slides to the class in the first lab session.

- Jason II (WHOI)
- Alvin I (WHOI)
- ABE (WHOI)
- Remus (WHOI)
- Odessey II b/c/ or d (MIT SeaGrant)
- Ventana (MBARI)
- Tiburon (MBARI)
- Millenium ROV (Oceaneering)
- Hydra Magnum (Oceaneering)
- Bluefin-21 BPAUV ((Bluefin Robotics)
- Bluefin Glider - SPRAY (Bluefin Robotics/Scripps/WHOI)
- Slocum Glider (Webb Research Corp.)
- Theseus AUV (International Submarine Engineering Ltd. (ISE))
- Dorado AUV International Submarine Engineering Ltd. (ISE)

Websites:

- [WHOI](#)
- [MBARI](#)
- [Webb Research Corp.](#)
- [OCEANEERING](#)
- [International Submarine Engineering Ltd. \(ISE\)](#)
- [MIT SeaGrant](#)
- [Bluefin Robotics](#)