

ROV Teacher Workshop

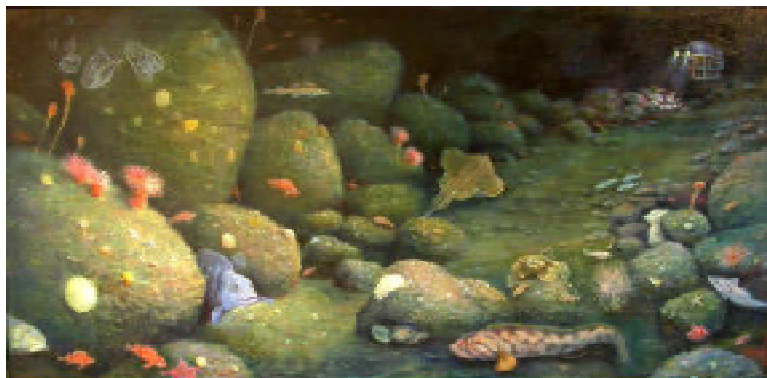
October 15-16, 2004 (5-9pm Fri.; 9am-5pm Sat.)
Falmouth, MA



Are you interested in learning about Remotely Operated Vehicles (ROVs) and how they are used in ocean research and industry? Would you like to put together a team (high school or college) to participate in a regional ROV competition?

WORKSHOP FEATURES

- * Build a working ROV and take it back to your school
- * All materials provided, including books and supplies
- * Friday night hotel and Friday dinner, Saturday breakfast and lunch provided
- * Guest speakers from the Stellwagen Bank National Marine Sanctuary, Woods Hole Oceanographic Institution, and Marine Technology Society
- * Lead Instructor -- Paul McGuinness, Cambridge Rindge and Latin School (Teacher for National Champion ROV Competition Team 2004, 2003)
- Associate Instructor -- Tom Gagnon, Milton Academy (Teacher for N.E. Regional Champion Team, 2004)
- * Receive 12 PDPs from the Mass. Marine Educators



ROV hovering over a boulder field in the Stellwagen Bank National Marine Sanctuary. Painting by Mary Jane Brush.

You are invited to participate in the Remotely Operated Vehicle (ROV) Teacher Workshop, to be held at the Holiday Inn, 291 Jones Road, Falmouth, MA on October 15-16, 2004.

Participants will:

- 1) discuss how ROV technology can be infused in the high school curriculum and linked to state and national standards;
- 2) help develop lesson plans for use in high school classes and after school programs;
- 3) be introduced to ROV technology and how it is used for research, monitoring and exploration in national marine sanctuaries;
- 4) be provided with an overview of the regional and national ROV competitions sponsored by MATE;
- 5) gain experience building a ROV from PVC materials using the MATE activity and get connected with a technology mentor from the Marine Technology Society--NE or the Massachusetts Marine Trades Association.

Sponsors:

Stellwagen Bank National Marine Sanctuary
National Marine Sanctuary Foundation
Marine Technology Society -- NE Chapter
Massachusetts Marine Educators
Woods Hole Oceanographic Institution
Marine Advanced Technology Education Center



Please submit applications to:

Anne Smrcina, Education Coordinator
Stellwagen Bank NMS
175 Edward Foster Road
Scituate, MA 02066
781-545-8026 x204
anne.smrcina@noaa.gov

Remotely Operated Vehicle Teacher Workshop

October 15-16, 2004

Application Form

Deadline: October 6, 2004

Name: _____

Mailing Address: _____

E-Mail: _____

Home Phone: _____

School Name: _____

Principal's Name: _____

School Address: _____

School Phone: _____ Fax: _____

Grades/Classes Taught: _____

Years of Teaching Experience: _____

How will you use the information and materials you receive from this workshop in your school?

I agree to develop two lesson plans based on the ROV Workshop for use by the Stellwagen Bank National Marine Sanctuary and other sponsors. Awarding of PDPs is contingent upon completion of the curriculum units.

Signature: _____

School Support

I recommend this applicant for participation in the ROV Workshop and will support the development of a marine technology program in our school.

Principal or Sci. Coord. Signature: _____

Mail to: Anne Smrcina, SBNMS, 175 Edward Foster Rd., Scituate, MA 02066

Fax: 781-545-8036 E-Mail: anne.smrcina@noaa.gov

Phone: 781-545-8026 x204