ROV Design and Building Workshop

Teachers and Students Welcome

NATIONAL MARINE SANCTUARIES
CORDELL BANK

NOAA

Alameda, CA **November 4,5,6, 2005**

Are you interested in learning about Remotely Operated Vehicle (ROV) technology and its application in ocean studies? Want to learn how to build an ROV with students? Want to put together a student team to participate in a regional ROV competition?

The crew of a NOAA oceanographic ship deploys an ROV during a research cruise in the Cordell Bank National Marine Sanctuary. Photo credit: Kristen Peelers

The ROV Teacher Workshop will be hosted by Cordell Bank National Marine Sanctuary, Monterey Advanced Technology and Education Center (MATE), Deep Ocean Exploration and Research. Funded by NOAA's National Marine Sanctuary Program's Western Region

If so, we invite you to participate in the Remotely Operated Vehicle (ROV) Teacher Workshop held at the Deep Ocean Exploration and Research Facility, Alameda

Teacher participants will:

1) be introduced to ROV technology and how it is used for research, monitoring and exploration in national marine sanctuaries

2) gain experience building a ROV from PVC materials using the MATE activity and get connected with a technology mentor

3) be provided an overview of the Marine Advanced Technology Education (MATE) Center and their regional and national student ROV competitions

4) Tour the Deep Ocean Exploration and Research Facility where underwater vehicles are build and tested

*Some money will be available to new ROV teams that intend to compete in the Regional Competition

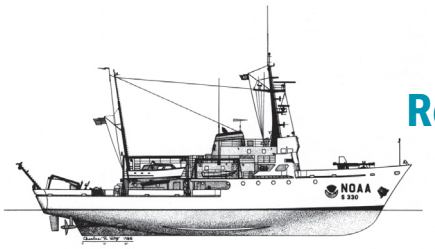
FEE= $35
*Teams of teachers are strongly encouraged to apply together (including student/teacher teams)

This drawing demonstrates a ROV hovering over a boulder field in the Stellwagen Bank National Marine Sanctuary off the coast of Massachusetts. Credit: Mary Jane Brush/ NURC-UConn

Please Submit Application to:

Jennifer Stock
Cordell Bank NMS
PO Box 159
Olema, CA 94950

Email: jennifer.stock@noaa.gov
Phone: 415-663-1397
Fax: 415-663-0315



Remotely Operated Vehicle Teacher Workshop
November 4,5,6 2005

Application

Presented by NOAA's Cordell Bank National Marine Sanctuary, Marine Advanced Technology Education (MATE) Center, Deep Ocean Exploration and Research, and the National Marine Sanctuary Foundation

Application must be submitted by October 14, 2005

NAME _____

HOME ADDRESS _____
_____
_____

MAILING ADDRESS FOR MATERIALS
_____
_____
_____

EMAIL ADDRESS _____

HOME PHONE _____ FAX NUMBER _____
SCHOOL NAME _____
PRINCIPAL'S NAME _____
SCHOOL ADDRESS _____
_____

SCHOOL PHONE _____ SCHOOL FAX _____

SCHOOL DISTRICT _____

GRADES AND CLASSES YOU TEACH
_____

YEARS OF TEACHING EXPERIENCE _____

ACADEMIC DEGREES EARNED:

Institution	Year	Degree	Major

APPLICATION DETAILS

On a separate sheet of paper, please include a brief summary of how you propose to incorporate ROV technology and marine themes into your curriculum during the school year.

There may be limited scholarship available to fund getting started with an ROV team at school, please check here if you are interested ☐

Statement of Intent

I understand that I agree to participate in the ROV Teacher Workshop, and will be expected to attend the November 4,5,6 2005 workshop. If I must cancel, I will send written notification to the address listed on the first page of this application by October 31, 2005. I agree to implement some aspect of ROV education in my curriculum by school year 2007. Upon acceptance into the workshop, I agree to pay $35 towards the workshop (check payable to the National Marine Sanctuary Foundation)

_____

Signature **Date**

Coming Soon

MATE Center's Monterey Bay Regional Student ROV Competition, Spring 2006!

The Remotely Operated Vehicle (ROV) Teacher Workshop is sponsored by the following organizations:

National Marine Sanctuaries ™

MATE

DOER

National Marine Sanctuary Foundation