2002 ROV Competition for High School and College Students

Technical Advisory Committee:
Frank Barrows
Instructor, Submersible & Automotive Technology
Monterey Peninsula College

Harry Bohm
W.E.T.
Water & Energy Technologies

Andy Bowen
Manager, Deep Submergence ROV Group
Woods Hole Oceanographic Institution

F. Richard Frisbie
Senior Vice President, Deepwater Technology
Oceaneering International, Inc.

Dale Graves
Chief Pilot, ROV Tiburon
Monterey Bay Aquarium Research Institute

William Kirkwood
Associate Director of Engineering
Monterey Bay Aquarium Research Institute

Drew Michel
TSC Holdings, Inc.
Chairman, MTS ROV Committee

Judges:
Harry Bohm
Judging Coordinator
WET – Water & Energy Technologies
Co-author of Build Your Own Underwater Robot & Other Wet Projects and the MATE Center’s Introduction to Underwater Technology & Vehicle Design (scheduled for release July 2002)

David DeCourt
ROV Technical Manager
Stolt Offshore, Inc.

Nancy Fletcher
ROV Pilot/Technician
Oceaneering International
Leah Hebert  
ROV Senior Supervisor  
Oceaneering International

Bill Kirkwood  
Associate Director of Engineering  
Monterey Bay Aquarium Research Institute

Bryce Merrill  
Recruiting Manager, ROV Systems  
Americas Region  
Oceaneering International

Helen Merrill  
Load-out Specialist  
Oceaneering International

Larry Reid  
ROV Manager  
Stolt Offshore, Inc.

Advisors – Design Specifications & Contest Mission:  
Frank Barrows  
Instructor, Submersible & Automotive Technology  
Monterey Peninsula College

Steve Van Meter  
Hazardous Duty Robotics Specialist  
Labs & Testbeds Division  
NASA

Michael Lane  
Electrical Engineering Technician/Robotic Specialist  
NASA

Brian Bingham  
PhD Candidate  
DeepArch Research Group  
Massachusetts Institute of Technology

Brendan Foley  
Graduate Student, DeepArch Research Group  
MIT

Dan Atwell  
Electrical Engineer
Retired

Jim Davidson
Registered Professional Engineer in Manufacturing Engineering in the State of California
Retired, Vice President of Engineering and Technology at Dymatix Corporation

**Technical Assistants:**
Jim Davidson
Registered Professional Engineer in Manufacturing Engineering in the State of California
Retired, Vice President of Engineering and Technology at Dymatix Corporation

Erica Moulton
Hillsborough Community College instructor
MATE Summer Institute 2001 alumnus

Penelope Ross
Monterey Peninsula College (MPC) student
MPC Submersible Technology course graduate
ROV Challenge/Team MATE team member

Trevor Fay
Monterey Peninsula College (MPC) student
MPC Submersible Technology course graduate
ROV Challenge/Team MATE team member

Carla Engalla
California State University Monterey Bay student
ROV Instrumentation and Control course graduate
ROV Challenge/Team MATE team member

Bryan Schaefer
California State University Monterey Bay student
ROV Instrumentation and Control course graduate
ROV Challenge/Team MATE team member

**Team Mentors:**
Mark Sibenac
Engineer
Monterey Bay Aquarium Research Institute
Team: North Salinas High School

Hans Thomas
Engineer
Monterey Bay Aquarium Research Institute
Team: North Salinas High School
Craig Okuda  
Engineer  
Monterey Bay Aquarium Research Institute  
Team: North Salinas High School

Bill Baxley  
NSWC-SFTF  
President, Baxley Ocean Visions  
Team: South Broward High School

Florida Atlantic University  
Department of Ocean Engineering  
Team: South Broward High School

William Moyer  
Applied Research Laboratory at Penn State University  
Team: Brownsville Area High School

Peter Kerrebrok  
Draper Labs  
Team: Cambridge Rindge & Latin School

Katy Croff  
Graduate Student, Ocean Engineering Department  
MIT  
Intern, NOAA’s Office of Ocean Exploration  
Team: Cambridge Rindge & Latin School

Dr. Dale Stokes  
Ocean Engineering Department  
Scripps Institute of Oceanography  
Team: Rancho Buena Vista High School

Chris Roper  
Roper Resources  
Team: Rancho Buena Vista High School

Don Yoder  
General Electric  
Team: Cape Fear Community College

Ashley Shepard  
Sturdy Controls  
Team: Cape Fear Community College

George Burman
Retired Engineer
Team: CART High School

Richard Lewis
Supervisor, Science & Technology Department
Lyndhurst High School
Team: Lyndhurst High School

Dan Atwell
Electrical Engineer
Retired
Team: Monterey Bay area schools

Jim Davidson
Registered Professional Engineer in Manufacturing Engineering in the State of California
Retired, Vice President of Engineering and Technology at Dymatix Corporation
Team: Monterey Bay area schools

Matt Gardner and Trevor Fay
MPC Submersible Technology course graduates
Team: Monterey Peninsula College

Joel Weber
Technician
Notre Dame Preparatory High School
Team: Notre Dame Preparatory High School

Lisa Wykoff
YMCA
Team: Notre Dame Preparatory School

Harry Bohm
W.E.T.
Water & Energy Technologies
Team: White Rock South Surrey Home Education