

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

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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