

April 2, 2005

Dear Team Sponsor,

Welcome to the **5th Annual Underwater Robotics Contest** organized by the Monterey Bay Aquarium and the Marine Advanced Technology Education (MATE) Center! We have more than 200 students from all over the Monterey Bay area and beyond coming to Monterey Peninsula College (MPC) to compete in this year's event. This packet includes everything you will need on competition day, April 16th.

- Campus map
- Map of the pool area, including contest stations
- Maps of the Student Center indicating the location for each team's display
- Contest schedule
- Team roster
- List of competition officials
- What to bring
- Nearby restaurants
- Competition sponsors

As the event takes place on a Saturday, **parking permits are not required**. You may park in lots D and C (see campus map for locations). We will provide breakfast, lunch, and an afternoon snack for the team members and you, their sponsor. Additional students, parents, siblings, and cheerleaders, please see the list of nearby restaurants that is included in this packet.

Overview of the day:

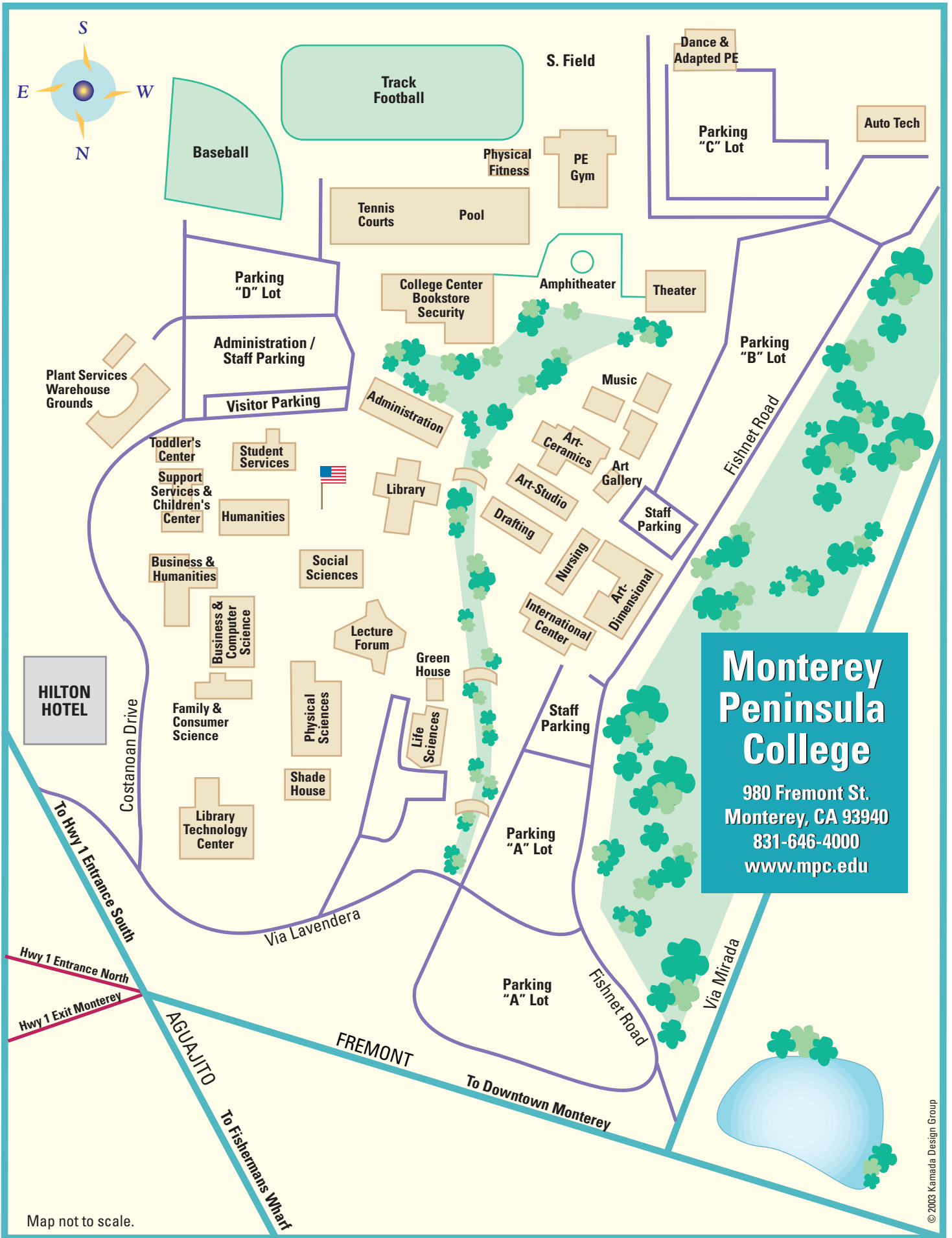
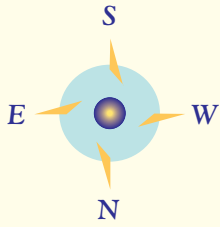
8:00am	Registration begins
8:00-9:30am	Pool practice time and team display set up
9:30am	Welcome and kick-off
10:00am	Contest events begin!
11:15am-12:45pm	Lunches available in MPC Student Center
4:00pm	Award ceremonies begin

Thank you for all of your hard work in organizing your students to take part in this exciting and educational event. We are looking forward to a successful day! Please don't hesitate to call us if you have any questions or concerns.

Sincerely,

Jill Zande
Outreach Director/ROV Competition Coordinator
Marine Advanced Technology Education (MATE) Center
Monterey Peninsula College
ph (831) 646-3082
jzande@marinetech.org

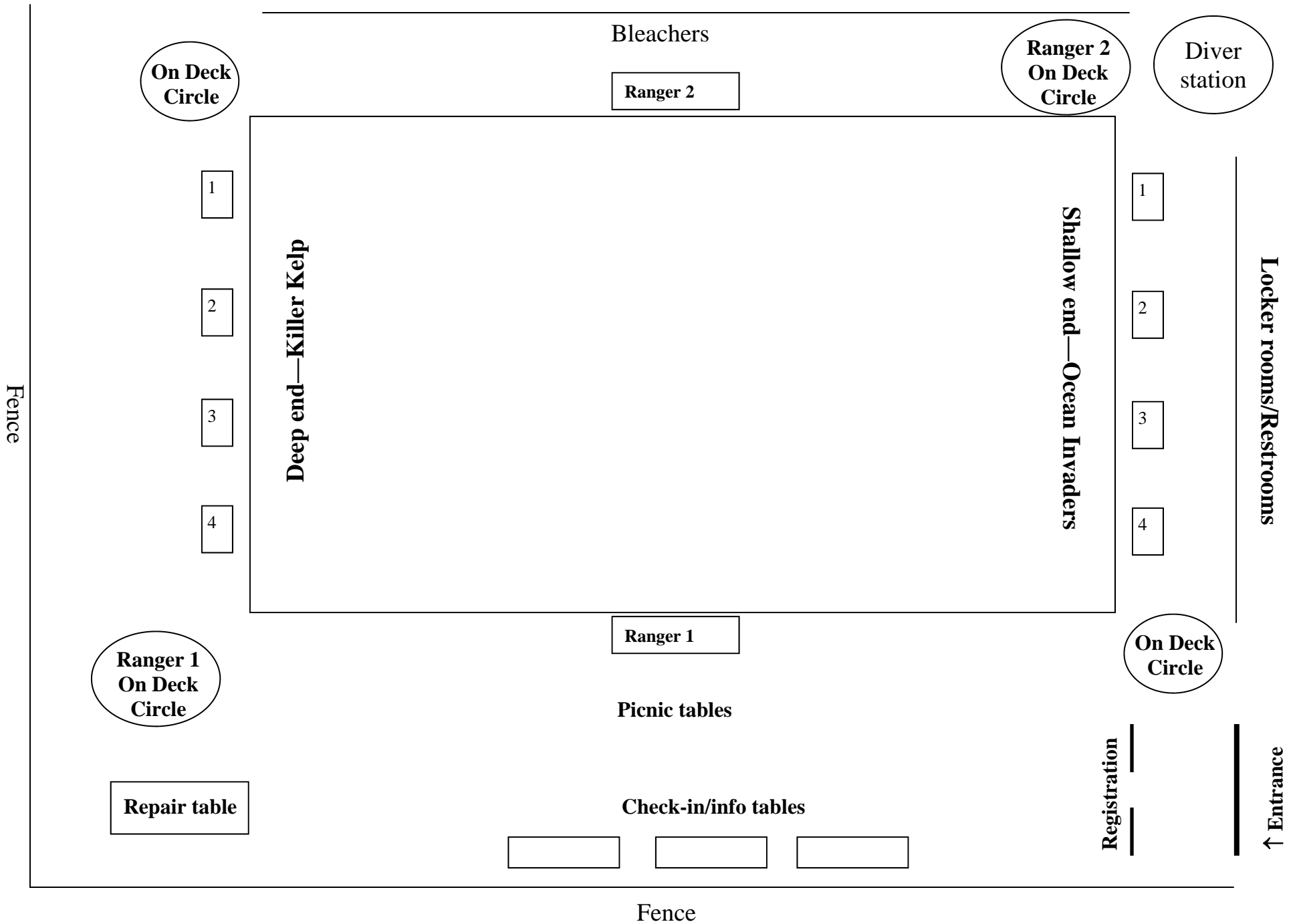
Kim Swan
Assistant Manager
Educator Programs
Monterey Bay Aquarium
ph (831) 647-6852
kswan@mbayaq.org



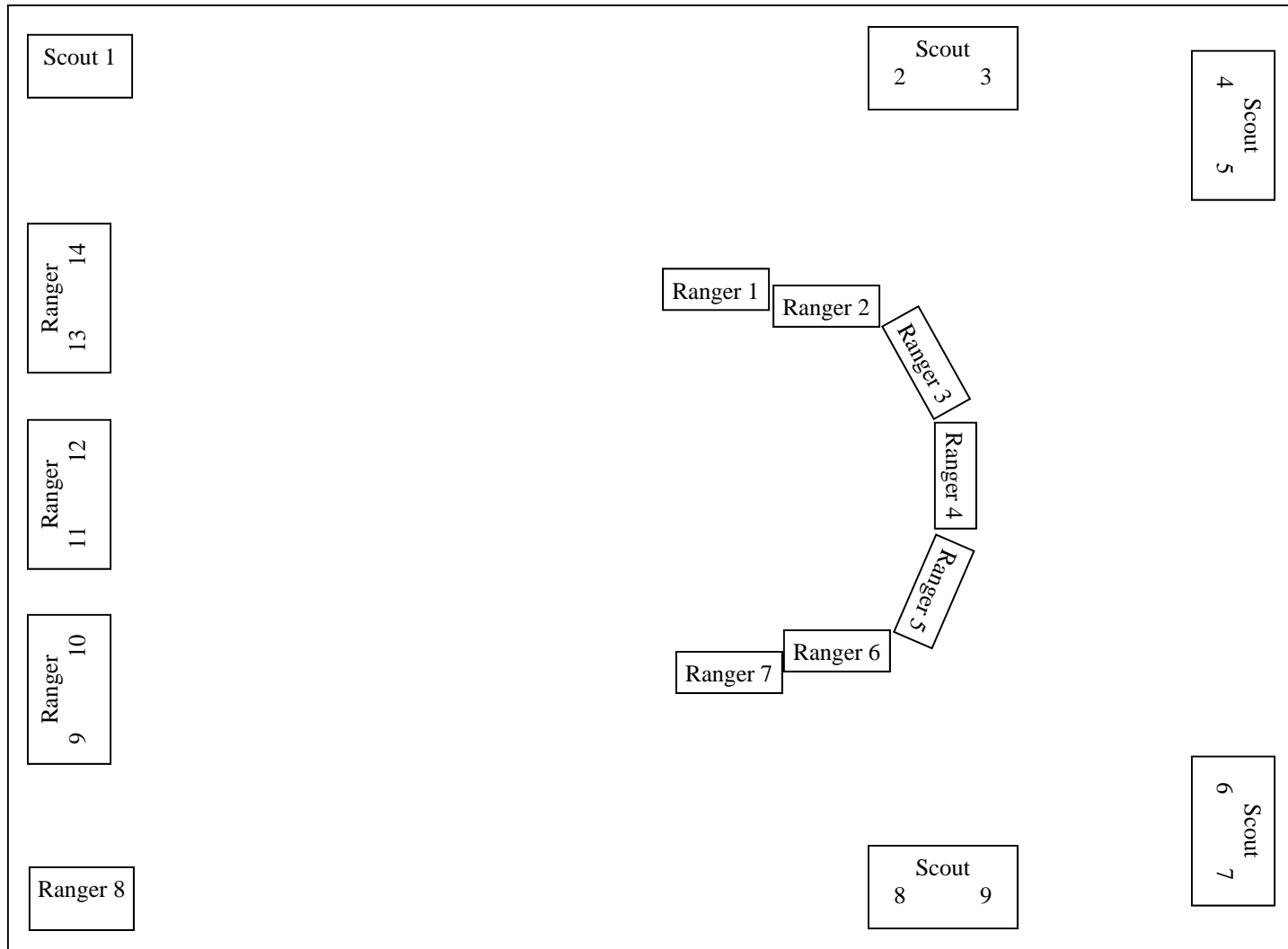
Monterey Peninsula College
980 Fremont St.
Monterey, CA 93940
831-646-4000
www.mpc.edu

Map not to scale.

5th Annual Monterey Bay Regional ROV Contest—Map of pool area

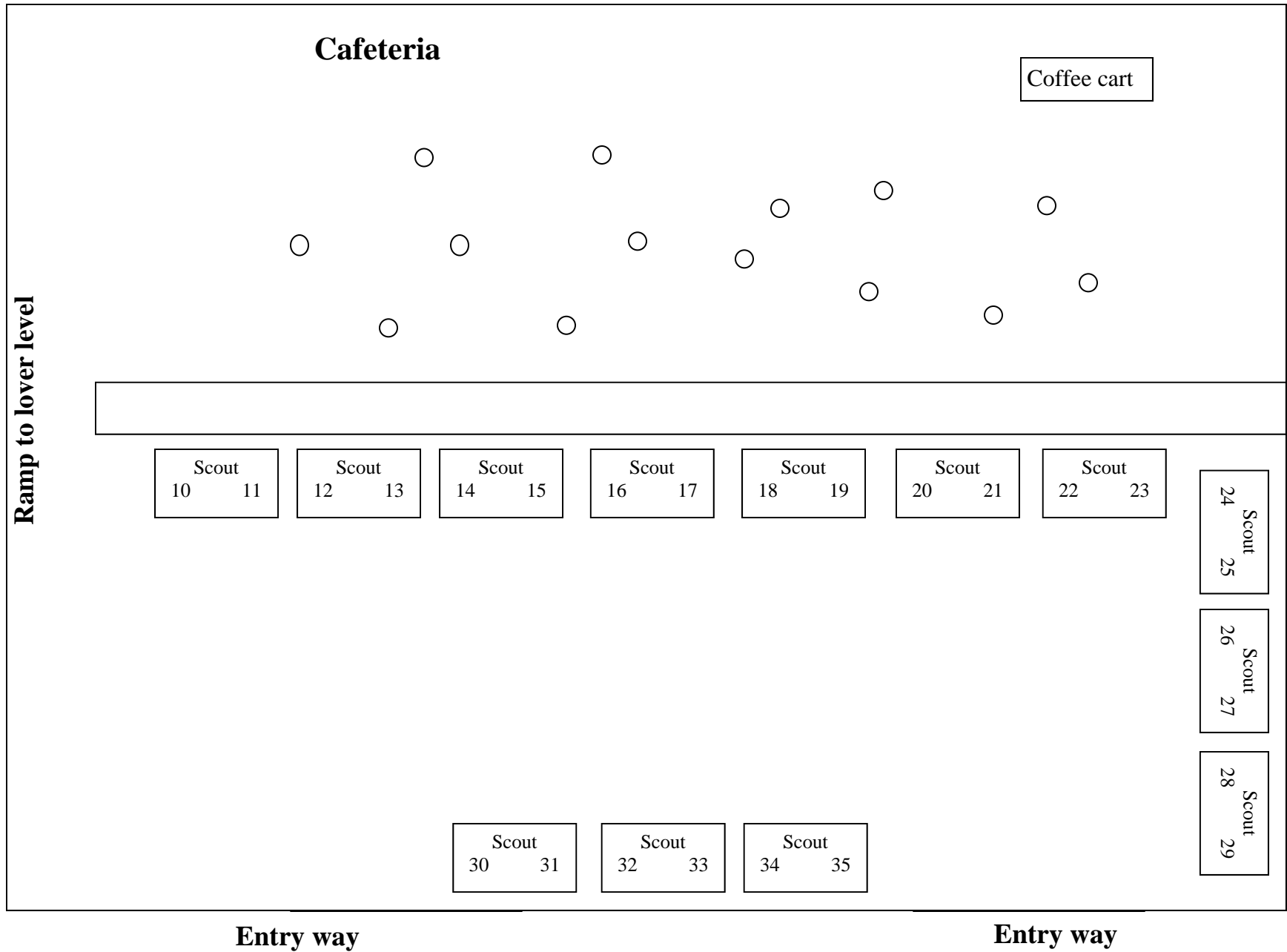


**5th Annual Monterey Bay Regional ROV Contest
RANGER/SCOUT Poster Displays
STUDENT CENTER ALMADEN ROOM**



5th Annual Monterey Bay Regional ROV Contest

SCOUT Team Displays STUDENT CENTER LOWER LEVEL



5th Annual Monterey Bay Regional ROV Contest

RANGER Class Competition Schedule

<u>TIME</u>	<u>ACTIVITY</u>	<u>MPC LOCATION</u>
8:00	Registration open	Swimming pool
8:00 - 9:30	Breakfast available	Student Center
8:00 - 9:30	Pool practice time & time to set up team display	Swimming pool & gym
9:30	Welcome & kick-off	Swimming pool
10:00	RANGER competition begins	Swimming pool & PE rooms
10:20	SCOUT competition begins	Swimming pool

UNDERWATER MISSIONS

ENGINEERING EVALUATION INTERVIEWS

	<u>Control Shack #1</u>	<u>Control Shack # 2</u>	<u>PE 103</u>	<u>PE 104</u>
10:00	Team 1	Team 2	Team 7	Team 8
10:40	Team 3	Team 4	Team 9	Team 10
11:20	Team 5	Team 6	Team 11	Team 12
12:00-1:00	LUNCH BREAK @ STUDENT CENTER			
1:00	Team 7	Team 8	Team 13	Team 14
1:40	Team 9	Team 10	Team 1	Team 2
2:20	Team 11	Team 12	Team 3	Team 4
3:00	Team 13	Team 14	Team 5	Team 6
2:30 - 4:00	Snacks available		Student Center	
3:40	Time to breakdown team displays in gym			
4:00	SCOUT awards ceremony		Student Center	
5:00	RANGER awards ceremony (may start earlier)		Student Center	

5th Annual Monterey Bay Regional ROV Contest

RANGER Class

<u>Team #</u>	<u>School/team name</u>	<u>City</u>	<u>State</u>
1	"It Again"	Salinas	CA
2	Aptos High School	Aptos	CA
3	Gunderson High - Alumni	San Jose	CA
4	Bay School of San Francisco	San Francisco	CA
5	Gilroy High School - Mesa	Gilroy	CA
6	Gunderson High - Marine Biology	San Jose	CA
7	Monterey High School	Monterey	CA
8	Buena Vista Middle School - Deep Trouble	Salinas	CA
9	Gunderson High - East Class	San Jose	CA
10	Paradise High School #1	Paradise	CA
11	Cabrillo High School Aquarium	Lompoc	CA
12	Paradise High School #2	Paradise	CA
13	North Salinas High School	Salinas	CA
14	Saint George's School	Vancouver	BC



2005 Ranger Class Competition Officials

<u>Name</u>	<u>Affiliation</u>	<u>Position</u>
Matt Gardner	Monterey Peninsula College	Rules Judge/technical advisor
Frank Barrows	Monterey Peninsula College	Technical advisor
Bryan Schaefer	Monterey Bay Aquarium Research Institute	Control shack official
Roy Woods	Center for Interdisciplinary Remotely Piloted Aircraft Studies	Control shack official
Tad Masek	Light & Motion	Control shack official
Tami Lunsford	MATE Center	Control shack official
Farley Shane	Monterey Bay Aquarium Research Institute	Engineering evaluation judge
Steve Moore	California State University Monterey Bay	Engineering evaluation judge
Jim Davidson	Retired mechanical engineer	Engineering evaluation judge
Dan Atwell	Retired electrical engineer	Engineering evaluation judge
Cheri Evermore	Monterey Bay Aquarium Research Institute	Engineering evaluation judge
Craig Dawe	Monterey Bay Aquarium Research Institute	Engineering evaluation judge
Deidre Sullivan	MATE Center	Poster display judge
Tom Murphree	Naval Postgraduate School	Poster display judge
Dawn Hayes	Monterey Bay National Marine Sanctuary	Poster display judge
Liese Murphree	California State University Monterey Bay	Registration
Heather Pendleton	Monterey Peninsula College	Scorekeeper
Penelope Ross	Monterey Peninsula College	Repair table
Ray Lynch	Monterey Peninsula College	Repair table
Duane Thompson	Monterey Bay Aquarium Research Institute	Official photographer

What to bring

- Box or crate to carry your ROV, tools, and spare parts
- Tools
- Spare parts
- Towels to dry off your ROV before you take it into the Engineering Evaluation interview classrooms
- Clothes for all kinds of weather
- Sunscreen
- Supplies (including glue sticks, tape, etc.) to set up your team display*
- A good attitude and a big smile!

*RANGER CLASS TEAMS – competition officials will provide you with one 3-panel, freestanding presentation display board on which you can mount your materials. However, if you prefer, you can bring your own board.

Lunch spots close to MPC campus

La Casa Bodga
500 Del Monte Avenue
Monterey
649-6660

Santa Lucia Market
484 Washington
Monterey
333-1111

McDonalds
610 Del Monte
Monterey

Randy's Sandwich Shop
1193 D 10th Street
Monterey
375-9161

Valnizza Market
401 Ocean Avenue
Monterey
655-1010

Wild Plum
731 Munras Avenue
Monterey
646-3109

Whole Foods
Del Monte Shopping Center
Monterey
333-1600

Underwater Robotics, Anyone?!



**Monterey Bay Aquarium
Marine Advanced Technology Education (MATE) Center's**



5th Annual Remotely Operated Vehicle Contest

Monterey Peninsula College

April 16, 2005

MPC

Monterey Peninsula College

Thanks to the following sponsors for making the 2005 event such a success!

**Monterey Bay National Marine Sanctuary
Monterey Bay Aquarium Research Institute
MPC's Technology Preparation Program
MPC Foundation
Marine Technology Society-Monterey Bay section
Marine Technology Society ROV Committee
Monterey Sport Fishing & Whale Watch Cruises
Interstate Batteries**



**Adventures by the Sea
Archie's American Diner
Baskin & Robbins
California State University Monterey Bay
Camp SEA Lab
Center for Interdisciplinary Remotely Piloted Aircraft Studies
The Exploratorium in San Francisco**



**Friends of Moss Landing Marine Labs
Gianni's Pizza
Great America
Farallones Marine Sanctuary Foundation
Laguna Seca Raceway
Light & Motion**



FRIENDS OF MOSS LANDING
MARINE LABORATORIES

**Monterey Bay Kayaks
Monterey Bay Dive Center
Naval Postgraduate School
Santa Cruz Beach Boardwalk
San Jose Tech Museum
Starbucks
Ultimate Precision Manufacturing**

The MATE Center and the Monterey Bay Aquarium would also like to thank the many volunteers without whom the 2005 event would not have been possible. We also recognize the students and teachers for all of their hard work and effort - **great job!!!**