

2008 MATE-BIRR Competition Team Registration Application

www.marinetech.org/rov_competition/index.php

1. Register on the website above; **deadline** extended to **February 15, 2008 (Friday)**. Ranger Class.
2. Mail this form with \$50 registration fee to:

MATE-BIRR
 c/o Cindy Fong – Regional Coordinator
 Hilo Intermediate School
 587 Waiuanuenue Avenue
 Hilo, HI 96720

Checks should be made out to **“MATE-BIRR c/o Hilo Intermediate School - Robotics”**.

School/Team	
Address	
Advisor/Contact Person	
Phone Number (s)	
Email	

2008 MATE-BIRR T-Shirt Order		
	Quantity	
		Small
		Medium
		Large
		X-Large
		XX-Large (additional \$1/shirt required!)
Total Quantity		Total quantity above 5, include an additional payment of \$10/shirt; \$11/t-shirt for XX-Large or greater

2008 MATE-BIRR Registration Fee and Other Fees		
Total Amounts		2008 Registration Fee
		Late Registration Fee – pre-approval after Feb 15, 2008
		Additional T-shirts
		Lunch (\$5/person) No. of Lunches: x \$5 =
		Additional supplies, equipment
		Donations to MATE-BIRR
		Other:
Grand Total Due		Registration and other costs. Thank You for Support!

2008 MATE-BIRR Competition Milestones and Expectations

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MATE-BIRR has some modifications to the rules as stated in the MATE documents. Teams must register by **Friday, February 15, 2008** on www.marinetech.org. Be sure to register your students & mentors! Email Cindy Fong at clfong@hawaii.edu by this date. Remember – minimum of three students required!

1. **MATE-BIRR is offering the Ranger Class Competition.** However, we are considering offering a “**Scout Class**” for upper elementary school students. The Scout Class power requirements are 7.5amps, has no cameras, and missions conducted in shallow-end of pool. It is designed to engage and inspire our younger students. Contact Cindy Fong if interested in having Scout Class team.
2. **All teams must pay a \$50 commitment registration fee (late fee of \$100 – no guarantee of t-shirts).** Teams will receive five MATE-BIRR T-shirts with this fee. Additional T-shirts must be purchased in advance at \$10/shirt. (Sizes XXL and larger require an additional \$1/shirt). NOTE: We understand it takes some time to get your school to process a payment. Please contact Cindy Fong as soon as possible to keep her updated. Late fee applies only if registering after 2/15/08 or payment is not received by 3/15/08.
3. **Failure to show up at the competition results in forfeiting both the fee/t-shirts.** Teams provided a ROV kit are expected to show up and compete or return their kit. Other issues - contact the MATE-BIRR Coordinators (Cindy Fong or Pascale Pinner).
4. **All teams are required to COMPLETE a Service Project of their choice PRIOR to the competition. It is worth 20 points. MATE-BIRR competition is organized and run as a 100% volunteer effort.** The MATE-BIRR committee feels it is important that students participate in a service project to appreciate the efforts and dedication of our community members, advisors/mentors, school, businesses, and government entities.
 - a. Teams should report/discuss/show pictures of the service project that they participated in. Specific details will be included in the score sheets when received.
 - i. 10 points in the Written Technical Report
 - ii. 10 points in the Poster Board/Oral Presentation
5. **ALL TEAMS MUST ASSIST WITH SET-UP AND CLEAN UP! ALL teams are expected to provide at least 1 volunteer to assist on day of competition!**
6. **Technical Report – Limited to a maximum of 5 Pages of written text/diagrams + 1 Cover Page. Anything beyond this will not be read or included in the judging!**
 - a. Cover Page requirements
 - i. Picture of ROV and/or Team Members
 - ii. Team Name
 - iii. Team School and Address
 - iv. Team Members Names
 - v. Team Mentors Names
 - b. An example of what will be allowed on the cover page will be provided on www.marinetech.org website by mid-February 2008. Contact Cindy Fong, MATE-BIRR coordinator for additional information.
 - c. An example outline will be provided by mid- to late-February for advisors/mentors to help their students organize their thoughts and write their technical report. It does not have to be used and is only provided as an additional resource.

7. **Technical Report - Electronic .pdf format must be received by Cindy Fong at clfong@hawaii.edu no later than 6PM HST, April 17, 2008 (Thursday).** If you are unable to convert to a .pdf format, please contact Cindy Fong at least a week in advance to test other formats. Other formats can be read and converted but advance notice is required! It is recommended to send a test file before the deadline to be sure it is received properly and can be converted to a .pdf file.
 - a. **All judges will be sent an electronic .pdf file.**
 - b. **All reports will be kept confidential from other teams and mentors until competition day!**
8. **Submit a Team Photo, list of Team Members (identify team captain(s)), and if possible, a short 2-3 paragraph about your ROV team/school by Friday, March 21, 2008.** We are making a booklet/handout of participating teams available at the competition.
9. If you have **SPONSORS**, we would like to include them on our sponsor page that will be published on the www.marinetech.org site, at the MATE-BIRR competition, our competition webpage, and within any packets or publications produced. It is only appropriate to Thank community members and businesses for their support!
10. **Rule modification and MATE-BIRR supplies:**
 - a. 2 control shacks for competition, a third control shack may be available for any Explorer Class Team to perform checks.
 - b. Sparky Kawamoto Pool: **pool depth of 16 feet.**
 - c. MATE-BIRR will have available a 6-foot table, 2-3 chairs/control shack, competition battery, one 6-outlet surge protected electrical strip, one video monitor, and competition props. Be proactive and have contingency plans in place. Teams provide their own display board for the poster session, additional monitors, and any other supplies they deem necessary.
 - d. No PowerPoint's.
 - e. PFDs will not be provided at the MATE-BIRR competition; however, **everyone must wear safety glasses/goggles and closed toed shoes – no slippers/flip-flops (provide your own).**
 - f. ROVs and Teams must be ready no later than 8:30AM. Team captain, lead mentor/advisor, MATE-BIRR coordinators, and judges meet, safety check follows.
 - g. Due to limited time pool is available (7:45AM – 4:00PM), teams must be on deck and ready to compete when the prior team is in the control shack performing their missions. This is especially important should that team complete their missions early. We will want the next team to start rather than wait!
 - h. If we have a large number of teams entered, **teams may potentially be given only 1 chance at the missions rather than 2.**
 - i. **MATE-BIRR is allowing up to 2 teams per school.** However, only 1 team/school may qualify for a berth to the International MATE ROV competition. We allow more than one team to encourage more participation among our island students.
 - j. **Competition Day issues with judging must be directed to head judge (announced at pool) and lead coordinator (Cindy Fong) for investigation.** Team members, mentors, advisors or school personnel or supporters who interrupt judges whom are performing their duty or students conducting their missions while in the control shack, risk having their school team lose points, be disqualified and/or removed from the competition site. Remember, this

competition is for the students and part of their duty is to know the rules and communicate concerns directly to the judges.

11. Hilo Intermediate School Science Department and Robotics Club has set up web address hilorobotics.org. It is still under construction. This site is available to students who are participating in the MATE-BIRR competition and potentially in other Hawaii robotic competitions. We understand that internet use is a major form of communication for students today. We want to encourage positive networking, sharing of ideas, and gracious professionalism with a focused on Hawaii issues and needs. We still encourage using the MATE forum however, for local issues, we suspect you may be more comfortable communicating with folks here. Teams must first register on the MATE website. Advisors, we can also provide email addresses for you and your students to receive specific MATE, MATE-BIRR and Hawaii Robotic information. Our blogs and forums will be monitored – no foul, inappropriate or threatening language allowed.