

## 2008 MATE-BIRR Competition Milestones and Expectations Part II

[www.marinetech.org/rov\\_competitions/index.php](http://www.marinetech.org/rov_competitions/index.php)

**Notification to all teams of modifications made to rules as stated in the MATE documents.**

1. First list of modifications are part of the local MATE-BIRR registration form. See website.
2. **SIGNED "RELEASE OF CLAIMS"** form is required by the County of Hawaii for any person who needs to be on the pool deck (student participants, advisors, mentors, judges, volunteers). No signed form - No access to deck - **NO EXCEPTIONS!** This is particularly important for our students under the age of 18... parental/guardian signature is required.

**Advisors** - do this as part of your "field trip forms". **Send me names of all participants and advisors/mentors by email and a signed original copy by Monday, April 21, 2008 or have available to hand over when checking in on the day of competition. I need the names regardless for name badges. I will email a received confirmation on forms received.**

**Send the original signed copy of Release of Claims to:**



Cindy Fong - MATE-BIRR,  
Hilo Intermediate School  
587 Waianuenue Avenue,  
Hilo HI 96720-2520

"Release of Claim" form is on websites [marinetech.org](http://marinetech.org) and [hilorobotics.org](http://hilorobotics.org)  
To help fill in form:

<b>Description of Activity:</b>	<b>MATE-BIRR ROV Competition</b>
<b>Name and Facility Address:</b>	<b>260 Kalanikoa, Hilo, HI 96720</b>
<b>Activity Date:</b>	<b>April 26, 2008 to April 26, 2008</b>
<b>Place of execution:</b>	<b>home address</b>
<b>Witness signature:</b>	<b>should be another adult</b>
<b>Phone number:</b>	<b>home or cell (contact number that day)</b>

3. **THE CRABS ARE COLORFUL!** They are made of white 1 ½ inch, sch-40, PVC caps (due to cost). Some of the crab caps are painted a solid festive color and with multi-colored legs (a sample picture will be placed on webpage). Since we are in Hawaii, the rainbow state...with beautiful coral reefs...why not.

4. Still working on the "dark plastic covering" for the **lava cave**. It **may be brown, gray, blue or black** depending on what I am able to obtain affordably. Will be notified as soon as this is finalized - just be prepared regardless.

**Lava Cave dimensions** are:

10 ft x 10 ft square with a 1 meter height... will be larger...NOT smaller.

5. **4 black smoker's** are made. If you need one to practice with, let me know. I'll be sending one up towards Waimea for practice sessions - just bring back on Friday, April 25, 2008 by 5PM practice time at Hilo High Pool.
6. **Crab Placement:** Refer to "Prop Build Spec - Final" addendum to help build all needed props and placements. We will be using:
  - a. 6-inch diameter, sch 40 PVC caps (white),
  - b. 3-inch diameter, sch 40 PVC caps (white),
  - c. Two 4-inch long, 4-inch diameter ABS pipes
7. **Temperature** - calibrate your temperature probes - teams are finding they are losing continuity with added wire length. **We have not yet determined if the water will be hotter or colder.** We are still working on the technical issues at the pool. As soon as we have this figured out, we will let you know!
8. **Team Photo** and short blurb for day of event flyer is **needed NOW!** Send me an electronic copy Asap to clfong@hawaii.edu
9. **REGISTRATION FEES:** Send your registration fee in Asap if you have not yet done so. Failure to send in fee simply means you will not be able to compete on day of event. If there is a hardship - let me know and we can work out something. For your \$50 commitment per team, we are providing 5 T-shirts in exchange. I need sizes by Monday, March 31, 2008 by 1:30PM or I will pick a large.
10. **Score sheets** are becoming available. I have forwarded the email - if there are any issues, let me know by 4/1/08 for regional coordinators conference call on 4/2/08.
11. **Teams Duties:** **Every team is required to provide help plus a volunteer for day of competition needs: set-up, day of event area manning, clean-up.** The pool gates open at 6:45AM for setup. Teams ready for Safety Check/Team Captain meeting at 8:30AM, ROV events start at 9:00AM. We must leave pool area by 3:30PM.

12. **Ocean Day on April 26, 2008 at the PACRC Puhi Bay Facility (Keaukaha) - UH-Hilo will be going on with a focus on careers in the marine sciences area.** We are making a ROV for them to demo/use the in 500,000 gallon tanks they have on-site...We are considering the possibility of having the MATE-BIRR competition at this site next year. We are developing a cooperative relationship with them that we feel may prove to be positive for all participants.

PACRC - Pacific Aquaculture and Coastal Resources Center  
<http://pacrc.uhh.hawaii.edu/>

13. NOTE: County Spring Fest Fair will be going on this weekend on the county grounds next to the pool area.