

2011 JEDC Underwater Glider-Juneau Camper Information

Hello fellow submarine enthusiasts!

The Underwater Glider camp is just 11 days away! Here is some information about the camp that you will need prior to coming on the first day.

Camp Location and Hours

Ted Stevens Marine Research Institute
NOAA Facility, Lena Point Road
2nd floor conference room

Release Forms

You MUST bring a signed release form with you the first day of camp. The form can be found [here](#). Please have a parent/guardian download it, fill it out, and bring it with you on the first day of camp.

If you are bringing any medication to the camp (for diabetes, Epipen, etc), please notify Bob.

What we will be doing

Monday-1	Tuesday-2	Wednesday-3	Thursday-4	Friday-5
Overview, Buoyancy, Ballasting, Make Wings and Rudders - Fly Descending Gliders, Basic Electronics	Electronics: Robot Controllers, LEDs, Switches, Acoustics -Piezo Elems., Electric Motors, Servos. Sensors: Temperature, Pressure, and Salinity	Assemble Buoyancy Engine Kits, Ballast Gliders, Test Fly, (Community Night: Bristle Bots, etc.)	Finish and Continue Testing Gliders, Wing Design Experiments	Fly Model Gliders, Conduct Temperature Sensing Experiments

What you need to do before the camp

To make the most out of your experience, you need to do the following before the camp. If you don't, you will be left in the UAV wake☺

- Visit the JEDC website and read the two pdf articles on UAVs
 1. Common Questions about the Trans (and watch the animation)
 2. Deep Sea Glider
- Look at the pictures of UAVs (Underwater Autonomous Vehicles) found [here](#)

What to bring with you to the camp

- **[Signed release form!](#)**
- Lunch and a drink. We will be providing snacks and drinks during the day.
- Foul weather gear. We will be out in the weather on several days, so be prepared with the appropriate outerwear.
- If you can, bring a laptop.
- If you play a musical instrument bring it. Let's have some musical fun too!

I will be traveling to Ketchikan on Sunday afternoon. For the rest of this week, you can call me at my office with questions 907-523-2342. After that, try 860-997-6510. See you on the 1st!