

GRAY'S REEF NATIONAL MARINE SANCTUARY

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An Educators Guide to Gray's Reef National Marine Sanctuary, marine science news, reviews, opportunities and inspiration from the South Atlantic Bight.

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Southeast Regional MATE ROV Competition

The Southeast Regional MATE ROV Competition is now open for team registration through April 3rd. Teams can register via the marine-tech.org website.

Generate an invoice for the registration fees from the marine tech website found here www.marinetech.org/team-invoice.

Once your team registration has been confirmed by a regional coordinator, a link will be provided to you so your students can register their participation for the Southeast regional competition.

A hold harmless waiver and media release is required for participation the day of the competition and can be found under the Getting Started/Registration tab on the regional website: graysreef.marinetech2.org/

Specific requirements for SCOUT, RANGER, and EXPLORER classes are found on the [regional website](#) under the Team Info tab.

An announcement flyer for the April 13th Southeast regional event is located under the News & Events tab.

Questions?



REGISTRATION IS NOW OPEN!

Contact your Southeast Regional Coordinators [Cathy Sakas](#) or [Jody Patterson](#) at 912-598-2345.

[Saturday, April 13, 2013](#)
[Chatham County Aquatic Center-Savannah, GA](#)

MATE Center Summer Institute

Stepping up from Switch Box ROV Controllers to Motor Control Systems

The 2013 MATE Center Summer Institute is designed to introduce educators to the knowledge and skills needed to step up from a simple, on-off switch box control system to a control system that allows for motor speed control. The workshop will focus on building a four-motor ROV using

K-166 bi-directional speed controllers to operate each motor. Other activities will include a look at basic plug and play sensors and using simple hand-powered pneumatics to create a functional manipulator. The target audience for the 2013 MATE Center Summer Institute is faculty and educators who have experience building and teaching simple switch box controllers that are interested

in upgrading their skills to build a slightly more sophisticated motor control system.

Please contact Erica Moulton, MATE Faculty Development Coordinator, at emoulton@marinetech.org for more information.

Visit www.marinetech.org/mate-summer-institutes/ for an application.

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Gray's Reef National Marine Sanctuary is one of the largest near-shore live-bottom reefs of the southeastern United States. It's just one of the 14 national marine protected areas that make up the National Marine Sanctuary System and is governed by the National Marine Sanctuaries Act. It is managed by the National Oceanic and Atmospheric Administration (NOAA).

Gray's Reef was designated as a sanctuary on January 16, 1981, and is the only protected natural reef area on the continental shelf off the Georgia coast. The 22 square miles of Gray's Reef protects an area that is recognized nationally and internationally.

<http://www.graysreef.noaa.gov/>

10 Ocean Science Circle Savannah, GA 31411

Phone: 912-598-2345

Fax: 912-598-2367

E-mail: graysreef@noaa.gov

National Marine Sanctuaries.....America's underwater treasures!