

# **INTERNATIONAL SUBMARINE RACES™**

## **NEWS:**

*For Immediate Release*

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### **12<sup>th</sup> International Submarine Races to be held at Naval Surface Warfare Center, Carderock MD June 24 to 28, 2013**

*Teams invited to compete in human-powered design competition*

**BETHESDA, MD. (June 1, 2013)** — The Foundation for Undersea Research and Education (FURE) and Naval Surface Warfare Center Carderock Division (NSWCCD) announced that the 12<sup>th</sup> International Submarine Races (ISR), a biennial engineering design competition, is scheduled for the week of June 24, 2013.

"The Carderock Division is proud to host the 2013 ISR at our David Taylor Model Basin facility," said Carderock Division Commander Capt. Heidemarie Stefanyshyn-Piper. We are thrilled to be a part of such an exciting event that puts engineering skills learned in the classroom and in the lab to a practical test. Our nation's highest educational priority is to inspire current and future generations of young people to pursue careers in science, technology, engineering, and mathematics (STEM) fields, and this event completely supports that goal. We know that all the participants are hard at work on this year's designs, and we all look forward to seeing the innovative approaches they will bring to this year's competition."

One- and two-person teams from high schools, colleges, universities, and private groups are invited to participate in this weeklong contest. The ISR has been in existence since 1989, and has been conducted at the U.S. Navy's test tank, at Carderock, since 1995. This biennial event features races that test the creative skills of young engineering students throughout the world. Teams, wearing scuba gear, contend their submarine designed vessels along an underwater 100-meter measured course in Carderock's model basin. To date, there are 20 teams bringing 22 submarines to the race. A list of the teams, including their hometown, is attached.

FURE President Nancy R. Hussey said, "We are extremely appreciative and grateful to the U. S. Navy for its continuing support, without which this event would be impossible. Our all-volunteer organization looks forward to working with the teams, our Navy colleagues and our sponsors to make the 2013 competition a rewarding success."

"The purpose of the sub races is to provide an educational opportunity for aspiring young engineers. Their participation in the design, construction, and operation of a human-powered submarine offers real-time application of theoretical knowledge, hands-on creativity, problem solving and teamwork skill opportunities," said Hussey. "The sub race engineering design competition is an investment in the future of our young people, not only to help them compete in the global technology economy, but to provide a better trained and experienced resource pool of bright and industrious students to help the defense industry and the government fill future national needs.

"The ISR experience increases their value to potential employers. Studies show that students who can put their classroom skills to practical use fare far better in the post-college job market," Hussey added.

The 2013 Platinum ISR sponsor to date is the Oceanic Engineering Society of the Institute of Electrical and Electronics Engineers. The Marine Technology Society is a Gold sponsor. Many other Silver as well as in-kind sponsors also contribute.

The 12<sup>th</sup> ISR Web site, [www.isrsubrace.org](http://www.isrsubrace.org), contains frequently updated information. Contestant inquiries should be addressed to the ISR Contestant Liaison and Head Judge, Claude Brancart, at (207) 729-7873 or [claud.brancart@gmail.com](mailto:claud.brancart@gmail.com)

*Organizations or individuals interested in sponsorship, please contact Dave McGee at [edavemcgee@gmail.com](mailto:edavemcgee@gmail.com) or (703) 399-7619, or Nancy Hussey at [seacure4@gmail.com](mailto:seacure4@gmail.com) or (843) 830-5008 (cell)). The ISR organization is an all volunteer event; individuals interested in becoming volunteers, please contact the ISR Volunteer Coordinator, Sue Peterson, at [speterson@chesapeake.net](mailto:speterson@chesapeake.net). Media interested in covering this event need to register with NSWCCD Public Affairs Office at [CRDIVPAO@navy.mil](mailto:CRDIVPAO@navy.mil), and contact the ISR Media Coordinator, Paula McGee (see above).*

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# ISR#12 Contestants

As of May 31, 2013

<u>Team</u>	<u>Hailing from</u>	<u>Boat Name(s)</u>	<u># Boats</u>
Old Saybrook High School	Connecticut	Miss Jesse Too	1
Bath University Racing Submarine Team	Bath, UK	TBD	1
Carts Independent	Maryland	Il Calamaro	1
SUBC	British Columbia, Canada	Skookumerchuk	1
University of Washington: HPS Team	Washington	Dub's Sub, Mk III	1
Archimede	Montreal, Canada	Archimede VI	1
University of Michigan, HPS	Michigan	Odyssey	1
WASUB	Delft, Netherlands	Wasub III	1
Carnegie Aquanauts	Pennsylvania	El Pez Gordo	1
Virginia Tech HPS	Virginia	Phantom 6	1
Texas A&M	Texas	SS Rowdy Howdy	1
Florida Atlantic University	Florida	FAU Sub #1, FAU Sub #2	2
Sub Rhine Waal	Kleve, Germany	Das Boot	1
Hernando County Schools	Florida	Sublime, Sub Zero	2
OMER	Quebec, Canada	OMER 8	1
Sultan Daboos University	Muscat, Oman	Sultanah II	1
Seacoast ISR Team (SISRT)	New Hampshire	Seacoast SCUBA DOO	1
Sussex County Technical School	New Jersey	Umptysquatch-6	1
University of California, San Diego	California	LEGASEA	1
Universidad Veracruzana	Veracruz, Mexico	Arcangelo IV	1
<b>Total Teams</b>	<b>20</b>	<b>Total Boats</b>	<b>22</b>