

# **INTERNATIONAL SUBMARINE RACES™**

## **NEWS:**

For Immediate Release

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## **8<sup>th</sup> INTERNATIONAL SUBRACES TO BE HELD IN JUNE AT NAVY TEST FACILITY**

***...25 boats to compete in human-powered design event...***

**BETHESDA, MD. March 14, 2005** –One and two-person teams are preparing 25 subs for the 8th running of the International Submarine Races™ (ISR), a 16-year-old engineering design competition, June 27-July 1, in one of the world's largest indoor tanks--the Naval Surface Warfare Center's Carderock Division David Taylor Model Basin in Bethesda, Maryland.

This will be the fifth biennial staging in the 3200-foot-long David Taylor test tank at NSWC. The submarine race is a contest that began in 1989 and has grown to include the participation of universities, colleges, corporations, research centers, high schools and privately sponsored teams from the United States, Canada, Mexico and Europe. Typical teams consist of student athlete/engineers, wearing scuba gear as the subs are "wet" meaning filled with water, who provide propulsion and navigation as their subs run against the clock along a fixed underwater course. The principal objective is education: encouraging innovation in the use of materials, hydrodynamic design, buoyancy, propulsion and underwater life support. Previous races saw the creation of world speed marks and the emergence of a new category of high-speed underwater performance from one-person designs.

"The Naval Surface Warfare Center is proud to host the 2005 International Submarine Races at its David Taylor Model Basin," said Captain Charles D. Behrle, USN, Division Commander. "We are pleased to be able to once again support such an outstanding educational and engineering endeavor."

### Participating teams:

Everett Community College, WA  
US Merchant Marine Academy  
Sussex County Technical School, NJ  
Virginia Tech  
University of Maine  
University of Maryland (2 subs)  
Florida Atlantic University  
University of Washington  
Villanova University  
Millersville University

University of Michigan  
Ecole de Technologie Superieure, Montreal  
Ecole Polytechnique de Montreal  
Texas A&M University  
University of Delft, Netherlands  
University of California at San Diego  
San Diego High School  
Independents: Don Burton, Bruce Plazyk (2 subs),  
Wheaton Submarine Works (2 subs),  
Steve Barton, David Johnson

The building of human-powered submarines dates back more than 200 years. Contemporary submarines represent many months, if not years, of effort in labs, workshops and garages by engineering students or individual entrepreneurs. The goal is to design an underwater vehicle that can be powered successfully by scuba-clad teams through the course without malfunctioning, crashing into the bottom, popping to the surface or simply failing to move through the water. For information on the model basin or media access to the races, contact Tom Warring, NSWC public affairs office at 301-227-4465. The Carderock website can be viewed at: [www.dt.navy.mil](http://www.dt.navy.mil)

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