

SNAME Press Release

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The SailBot 2013 International Robotic Sailing Regatta Congratulates the University of British Columbia

The SailBot 2013 International Robotic Sailing Regatta is a robotic sailing competition historically held in North America in which teams of university and college students compete. The first event, in 2006, was hosted by Queen's University, Kingston, Ontario and inspired by the success of a senior project at the University of British Columbia to build a robotic sailboat, teams have annually competed throughout the US and Canada. The goal is to create an unmanned sailboat that navigates through a variety of challenges with limited, if any, human control. Students are able to use this friendly competition between schools to apply their engineering knowledge in a multi-disciplinary task that requires mechanical, electrical, and software skill to deal with this highly variable environment.

Building on the success of previous SailBot regattas, SailBot 2013 was held in Gloucester, Mass. Harbor, from June 9-13, 2013. The competition hosted 16 teams split between the 1-meter and 2-meter SailBot Class. The sailboat competition consisted of 5 events: 2 fleet races with manual control, an autonomous navigational accuracy test, an autonomous stationkeeping test, and autonomous long-distance / endurance race and a presentation of their creations to a panel of Naval Architects and professional Roboticists.



This year was marked by the kind of weather you can only find in New England; everything from warm sunny days to squalls with 30 knot gusts. The teams all rose to the challenge and put on a great contest. Our special thanks to Olin College, the City of Gloucester, Maritime Gloucester and Ocean Alliance for their help and support.

This year we had 16 teams show up and 16 boats get into the water. Of those 16, 10 were novice teams. Friends were made, ideas were swapped and everyone went home happy and ready for more. Congratulations to all of our competitors!

As the winners of the 2013 event, the University of British Columbia will have the right to choose the next race location.

Meanwhile, three of the local High School teams have decided to organize and host regional and state-wide competitions in 2014 to encourage more high schools to join the activity.

*1st place, SailBot 2013,
2-meter class: University
of British Columbia*

2-Meter Contestants:

University of British Columbia
US Naval Academy
Aberystwyth
Olin College
Memorial University Newfoundland
Iowa State



*3rd place, SailBot 2013, 2-meter
class: Aberystwyth University*



UBC and Olin College in Stationkeeping Event



Olin College 2m boat "Blackbody Radiation"

1-Meter Contestants:

- Albermarle HS
- Newburyport HS
- Gloucester HS
- Community Boating Inc
- Endicott
- Tufts
- Gloucester HS
- UoGuelph
- Swampscott HS
- El Dorado HS



Olin College in Accuracy Event



1st place, SailBot 2013, 1-meter class: Albermarle MESA

Overall 2 Meter:

- 1st Place UBC
- 2nd Place USNA
- 3rd Place Aberystwyth University

Overall 1 Meter:

- 1st Place Albermarle MESA
- 2nd Place Newburyport HS
- 3rd Place Gloucester HS

Navigation Accuracy 2 Meter: University of British Columbia

Navigation Accuracy 1 Meter: Albermarle MESA

Presentation 2 Meter: University of British Columbia

Presentation 1 Meter: Albermarle MESA

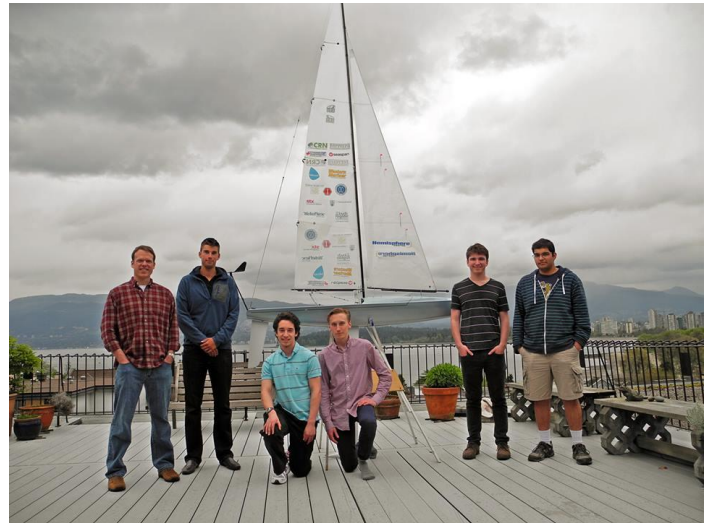
Long Distance 2 Meter: University of British Columbia

Long Distance 1 Meter: Albermarle MESA

Stationkeeping 2 Meter: TIE
University of British Columbia
Aberystwyth University



2nd place, SailBot 2013, 1-meter class: Newburyport HS



University of British Columbia (UBC) SailBot Team. UBC is the founding institution of the SailBot competition in North America

Stationkeeping 1 Meter: Albermarle Mesa

Fleet Race 2 Meter: University of British Columbia

Fleet Race 1 Meter: TIE
 Community Boating, Inc.
 Endicott College
 Tufts University



The "Pits" area at Maritime Gloucester's Boat House



University of Guelph, 1-meter class

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