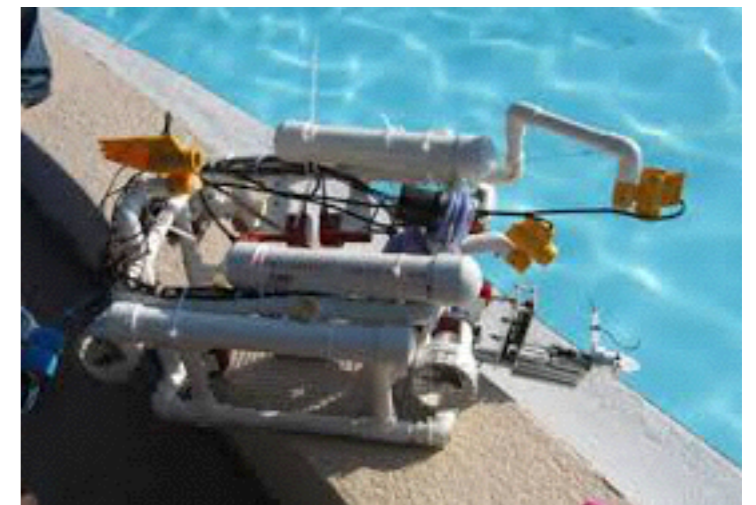
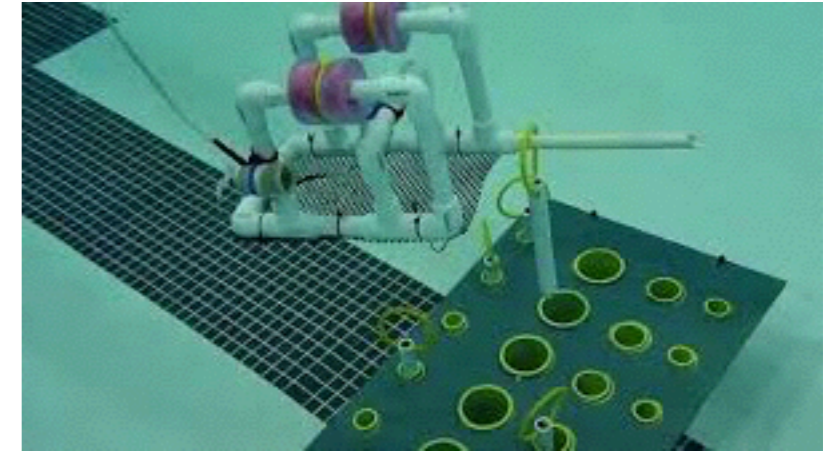
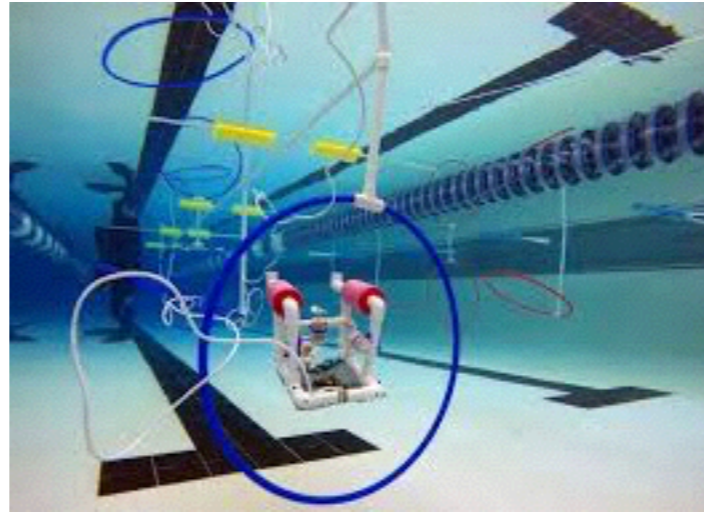
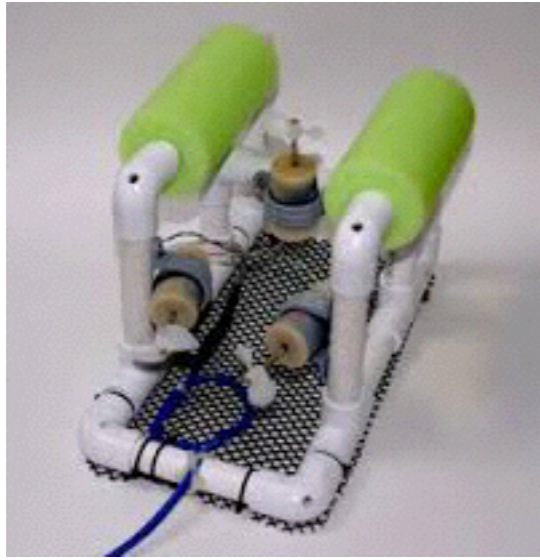


Hawaii Underwater Robotics SeaPerch and MATE ROV

LCDR Andy Goshorn, US Coast Guard





Hawaii Underwater ROV

Two great options

SeaPerch

Stock Class ~\$160
All the parts in the box

Open Class

Still uses Stock class motors, but frame can be modified with material greater than \$20

<http://www.auvsifoundation.org/foundation/education-programs/seaperchkits>

MATE ROV

Scout Class ~\$190
Pufferfish kit

Similar to SeaPerch just bigger motors

Navigator Class ~\$190 (plus camera)

Builds on Scout Class, adds an underwater camera

Ranger ~\$700 (reusable)

Builds on Navigator Class, adds sensors (temperature, measurement, etc) in addition to camera

<http://www.marinetech.org/store>

Hawaii Underwater ROV Teacher Resources

SeaPerch

Curriculum

http://www.seaperch.org/teacher_tools

Teacher Workshops offered

How to:

[http://www.seaperch.org/
online_training_videos](http://www.seaperch.org/online_training_videos)

Local Mentors

MATE ROV

Curriculum

<http://www.marinetech.org/curriculum/>

Teacher Workshops

[http://www.marinetech.org/mate-summer-
institutes-2016/](http://www.marinetech.org/mate-summer-institutes-2016/)

Plus one being hosted here in Oahu on 22 Jan
2016

Forums:

<http://forums.marinetech2.org/index.php>

Local Mentors

Hawaii Underwater ROV Who Competes

SeaPerch 2015

Aikahi Elementary School
August Aherns School
Hale Kula Elementary School
Hickam Elementary School
Iliahi Elementary School
Iroquois Point Elementary School
Lehua/Momilani Elementary School
Makalapa Elementary School
Mokapu Elementary School
Nanaikapono Elementary School
Wahiawa Elementary School
Ewa Makai Middle School
Highlands Intermediate School
Mililani Middle School
Washington Middle School
James Campbell High School
Pearl City High School
Radford High School

MATE ROV 2015

Highlands Intermediate School
Castle High School
Kailua High School
St. John Vianney School
North Shore Home School Team

Hawaii Underwater ROV Key Dates

SeaPerch

Practice Day
20 Feb 2016

Regional Competition
27 Feb 2016
Registration opens early January

National Competition
Louisiana State University
Baton Rouge, LA
20 May 2016

Follow and learn more at:
<http://seaperch-hawaii.org/>

MATE ROV

Teacher Workshop
22 January 2016

Regional Competition
14 May 2016
Registration opens early Feb

International Competition
NASA Neutral Bouyancy Lab
Houston Texas
27 June 2016

Follow and learn more at:
<http://oahu.marinetech2.org>