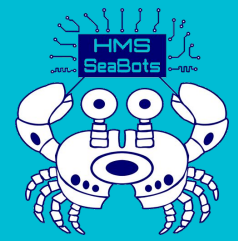


HMS SeaBots: Ranger Team

Spec Sheet

Harrington Middle School in Mt. Laurel, NJ USA



Employees:

Meghna Parija

co-CEO

Mechanical

8th grade, 1st year

Akshya Amarnath

co-CTO

Motor Control

8th grade, 2nd year

Derek Hou

co-CFO

Servo Control

8th grade, 1st year

Vishvajith Jagadeesan

co-JSO

Motor Control

8th grade, 1st year

Shreeya Soma

Mechanical

8th grade, 1st year

Aditya Sriram

Mechanical

8th grade, 1st year

Alex Tornese

Motor Control

8th grade, 2nd year

Matthew Pugh

co-CEO

Servo Control

8th grade, 2nd year

Losritha Nallamala

co-CTO

Servo Control

8th grade, 2nd year

Harry Southard

co-CFO

Servo Control

8th grade, 1st year

John Shenouda

co-JSO

Mechanical

8th grade, 2nd year

Rishab Wardhane

Mechanical

8th grade, 1st year

Adam Freedman

Pilot

Mechanical

8th grade, 1st year

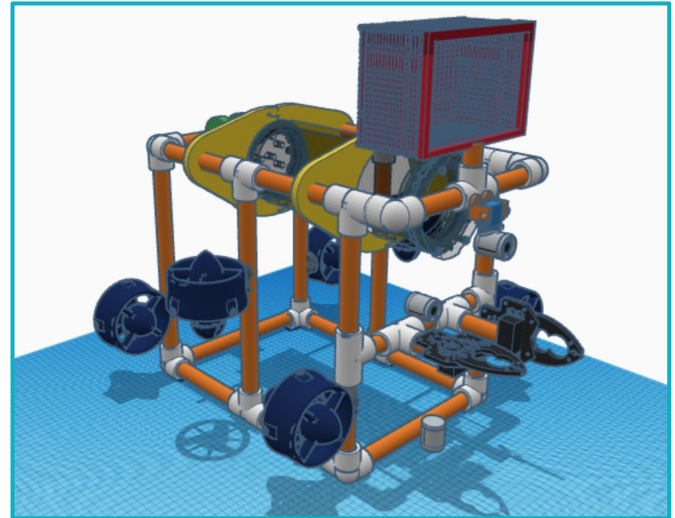


Harrington Middle School, Mt. Laurel, NJ 08054 USA



560 miles to MATE World Championship at ESTU

Triton II ROV



CAD Design by A. Freedman



Weight:
6.5 kilograms



Dimensions (cm):
38.6 x 31.7 x 27.6

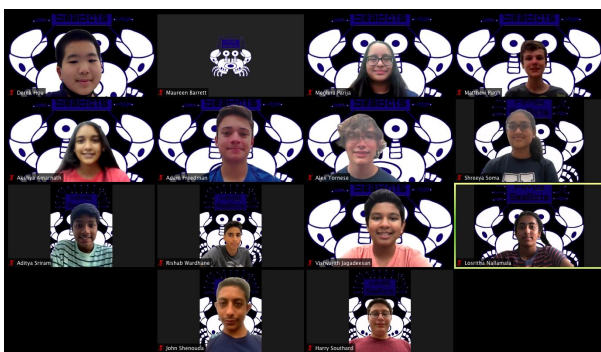


Final Cost:
\$2259.91 USD



Hours Dedicated:
3542 hours total

Special Features	Safety Features
<ul style="list-style-type: none"> • Micro-ROV • Dual Manipulator Arms • Surface Debris Retrieval Mechanism • Panning Camera (180°) • Autonomous Thruster Control • Six Thruster Propulsion System • Image Recognition Capabilities 	<ul style="list-style-type: none"> • In-line Fuses • Shrouds and Thruster Guards • Kill Switch • Strain Reliefs • Voltage Regulators • SOS Leak Sensor • Waterproofing



HMS SeaBots

Photo Credit: M. Barrett

Coaches & Mentor:

Ms. Maureen Barrett, Head Coach

Ms. Marieve Patterson, Assistant Coach

Mr. Adithya Selvakumar, Mentor



2021 MATE World Championship