

Company Spec Sheet **Seagles**

John Hancock College Prep
Underwater Robotics Club
Chicago, Illinois

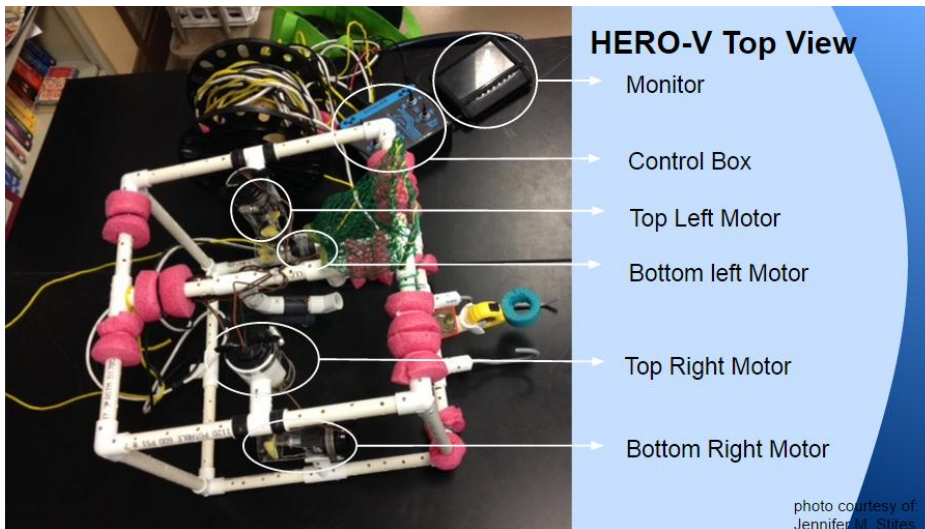
Distance travelling to the International competition:
1745 miles or 2808 kilometers



This is the second year of Hancock's participation in underwater robotics and in the MATE competitions. Last year, our first, the inaugural team of five students was one of two teams that qualified at the Shedd Midwest Regional for International. This year we did it again.

Seniors Carlos Barrios, CEO, and Ivan Lopez, Pilot, are returning members from last year. The rest of the team

are new this year: senior Tatyana Hornof, Technician, sophomore Javier Lopez, Co-Pilot, juniors Joseph Nunez, CMO, Victor Salgado, CVO, Olga Martinez, Designer, Brian Hernandez, Supervisor, Angel Rebollo, CFO, Giselle Villalobos, CRO, and Jesse Delgado, CSO.



This year's ROV, the HERO-V, cost approximately \$418 to build, including donated components.

Safety features: fully waterproofed wiring connections, 25 A fuse, shrouded motors placed within the frame, bundled tether, smooth surfaces

Special features: color monitor for identifying sea stars and corrosion, net for algae sample collection, hook for urchin collection, frame that acts as manipulator, measuring device for multiple applications