

Company Spec Sheet

Project Kraken (Garrett College)

McHenry, MD, USA

Distance to competition: 1380 Miles

Project Kraken is a six-man team of college students from Western Maryland. There are five new members on the team this year who are being led by our CEO Kevin Maust who participated in the 2014 Mate competition. Three of the five new team members have had prior experience in land-based robotics during high school. All of the team members are currently pursuing degrees in engineering and computer sciences.

“The Kraken”

From Left: Herschel Allen IV, Chief Mechanical Engineer; Jonathan Oester, Mechanical Engineer/Research; Scott Brenneman, Electrical Engineer; Dallas Brenneman, Technical Writer/Tetherman; Kevin Maust, CEO/CAD; Timothy Gotsch, Software/Pilot.

College Level of Students:

Herschel Allen- Freshman
Jonathan Oester- Sophomore
Scott Brenneman- Freshman
Dallas Brenneman- Freshman
Kevin Maust- Senior
Timothy Gotsch- Senior



Cost: \$1,300

Total design hours: 768 man hours

Safety Features: 25 Amp Circuit Breaker with Reverse Polarity Protection (bridge rectifier), thruster enable switch, leak detection, loss of telemetry auto thruster-shutdown, and propeller shrouds.

Special Features: Dynamic pitch control, custom 48v motor controller, Ethernet communications, streamlined neutrally buoyant tether, and 3D printed motor and camera housing.