Distance Traveled: 2915 KM
Year Competing: 5th Year
2012 Finish: 2nd Place
Range of Grade Levels: Sophmore to Senior

Total Cost of ROV: $20,758.90 USD
Overall Dimensions: 71 cm x 69 cm x 51 cm
Primary Materials: aluminum, stainless steel, polyoxymethylene (delrin), high-density polyethylene, polycarbonate

Special Features: immense power to weight ratio, lightweight MIC 6 aluminum frame, high-accuracy length measuring tool, single fixed manipulator for simplicity, entirely custom onboard electronics system and software

Key Safety Features: shrouds on all propellers, plastic propellers, complete FEA analysis with a safety factor of 2, all electrical wiring sealed with liquid electrical tape and heat shrink, multiple fuses throughout electrical system, emergency quick release pneumatic valve