



Pine Forest High School

“MERC”

West Florida High School

Pensacola, Florida

Distance traveled: 6837.07 kilometers “Returning Competitors” 2nd International MATE Competition 9th through 12th grade team members



Team members names: (top left to bottom right) Mrs. Stradley (instructor), Mr. Turner (instructor), Courtney Colvin (tether team one), Lindsay Martin (Mission Commander, team one), Jacob Brennan (tether operator, team two), Crystal Redmond (Mission Commander, team two), Joshua Henson (pilot, team two), Eric Singleton (pilot, team two)

ROV Specs: “Bab’s Revenge”

We spent a total of \$2,960.80 on our ROV. Primary materials used in construction were:

PVC, Zip ties, Electrical tape, Motors, Aluminum, Hydro-static foam,
18-20 Gage wiring, Stanley rolling tool box, Massenite, Switches, Sauder, Liquid
electrical tape, Manipulator Arm, Monitors, & Cameras.

Dimensions: Length- 37.4 cm, Width- 34.3 cm Total weight: 8.16 kilograms

Safety features: Shroud’s for the propellers, Fuses for the control box, Bright coloring on
the flotation, Cable connections through the tether for emergency ROV retrieval

Special features: Slurpy to collect augur, Sweeper to collect crustaceans
Manipulator arm, Temperature probe, lasers, ROV control box/ tether storage unit.

“Bab’s Revenge”

