“Experts in Environmental Research and Recovery”

Company Profile
Company’s third year participating at MATE Internationals
First year for all but one team member
Travelling 2,300 miles
Consisting of high school sophomores, juniors, and seniors

Our Team  
(clockwise from bottom right)
- Chris Randolph  CEO
- Michael Sheely  CTO
- Joe McMinn  Mechanical Engineer
- Brad Cole  Mechanical Engineer
- Serena Calcagno  Electrical Engineer
- Charisse Hardin  Director of Marketing
- Kayla Zoliniak  Software Engineer
- Bailey Da Costa  CFO

Our Product
ROV Name: The Predator
Development Cost: $2480
Primary Structure: Aluminum
Weight: 7.4 kg
Dimensions: Length: 46.9 cm
          Width: 34.3 cm
          Height: 29.2 cm
Speed: Vertical: 0.75 m/s
        Lateral: 0.65 m/s
Safety Features: Frame corners smoothed,
                Shrouds around motors,
                Electronic thermal protection,
                Reverse voltage buzzer,
                Control box fuse,
                Emergency kill switch

Special Features: Ergonomic controller,
                Proportional motor control,
                Electronic compass,
                High reliability pneumatics,
                Proboscis, Claw, and SSD