The Research and Data Acquisition Vehicle

**Team Members**

**Alex Furtado**  
Position: Team Image

**Derek Lagasse**  
Position: Team CEO

**Matheus Lelis**  
Position: Compliance Officer

**Lauri Lynn**  
Position: Senior Consultant

**Peter Mack**  
Position: Documentation

**Thubalethu Nzuza**  
Position: Technical Documentation Manager

**Nick Powel**  
Position: Manufacturing Coordinator

**Ben Whittaker**  
Position: Assistant Team Manager

(All students are first to second year College Students)

**Budget Totals**  
- **Purchased**: $508.87  
- **Donated**: $385.12  
- **Total Value**: $893.99

**Primary Material:**  
HDPE Plastic

**Dimensions:**  
46cm x 54cm x 43cm

**Weight:**  
8.2 Kg

**Special Features**
- Multipurpose fork tool able to complete mission in single dive
- Lightweight HDPE frame
- Precision machined parts
- Low cost electronic control with
  - PLD joystick control
  - PWM motor control
  - Sub sea relay module

**Safety Features**
- Custom designed motor shrouds prevent damage to propellers or people
- Frame protects systems from collision
- Ammeter allows pilot to avoid excessive current draw

Returning Team From Fall River Massachusetts - 5,019 Miles From University of Hawaii, in Hilo.