

Kailua High School
451 Ulumanu Drive
Kailua, HI 96734

Surfrider

Marine Recovery Systems

G-LION MKIII

This cat ain't afraid of the water...

Team (left to right): Austin Vegas - CEO

Class of 2013 - 4th year with MATE

Romnick Valmoja - Machinist

Class of 2013 - 2nd year with MATE

Michael Sabate - Electrical Engineer

Class of 2013 - 2nd year with MATE

Kristen Izmigawa - CFO

Class of 2013 - 1st year with MATE

Samuel Rasay Jr - Technical Writer

Class of 2013 - 2nd year with MATE

Christopher Campos - COO

Class of 2013 - 3rd year with MATE

Ipo Silva - Machinist

Class of 2013 - 2nd year with MATE

Not Pictured:

Jacob Valencia - R&D

Class of 2013 - 3rd year with MATE

Jian Madiam - Tether Boss

Class of 2014 - 1st year with MATE

ROV Class: Ranger
Home State: Hawaii - Oahu
Distance Traveled: 4538km
Competition History:
Returning Regional
Champions



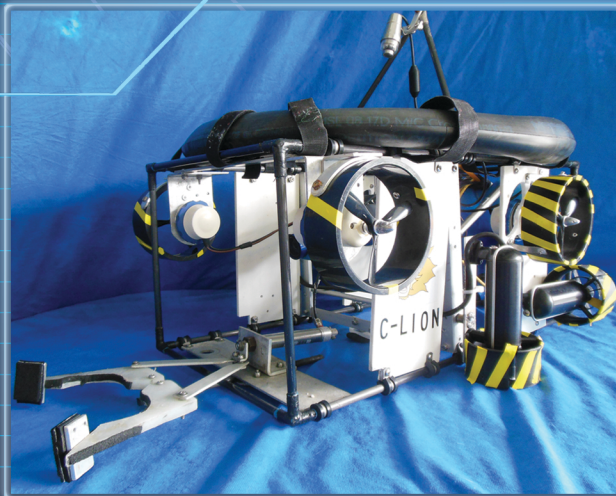
VITAL STATISTICS

Primary Material:
Carbon Fiber
Aluminum Flat-bar

Dimensions:
Length - 92.5cm
Width - 33.5cm
Height - 53cm

Weight:
17.05kg - total dry

Total Cost: \$1471.94



SAFETY FEATURES

Caution tape covered
propeller shrouds

Circuit breakers &
multiple system fuses

Power indicator

Emergency kill switch

Plastic coating on
frame corners

Color coded lines

Waterproofed lines
leading to tether

Pressure regulator