



Hydraulic Manipulator and Lights



(3rd year competing)

SEAWOLF III

Sponsors:

Company Name: Seawolves
School/Location: Copenh-Lincoln Community College, Wesson, MS
Primary Materials: Aluminum, ABS Plastic, Stainless Steel, Acrylic
Approximate Dimensions: 81cm (L) x 51cm (W) x 55cm (H)
Distance Traveled: 1879.71 km
Safety Features: Over voltage and current protection, over temperature protection, over pressure protection for hydraulics, Visual warning indicators
Special Features: 4 Vectored Horizontal Thrusters, 4 Vertical Thrusters, Hydraulic Manipulator with 2 degrees of freedom, ROV Auto Tilt Control, ROV Auto Hover Control, 3-axis accelerometer
Approximate Weight in Air: 18 kilograms
Total Approximate Cost: \$8,126.16 USD



Georgia-Pacific



Members: Jonathan Nations (CEO)*
 Caleb Smith (CFO)
 Blake Whittington (Electronics Engineer/Primary Pilot/Logo Designer/Website Designer)
 Josh Hart (Electronics/Secondary Pilot)
 Tim Jones (Electronics/Tether Manager)
 Zach Hite (Engineer)
 Jane Bayless (PR/Website Publisher)
 Erin Whittington (Technical Report)
 (* denotes returning students from last year's team)

Not Pictured: Lonnie Reeves (Electronics)
 Lea-Ann Randol (Drafting)

Instructors/Mentors: Dr. Kevin Mckone (Physics)
 Carey Williamson (Electronics)
 Wes Burkett (Drafting)
 Bruce Thomas (Drafting)

