Team Specs

Dalbrae Academy, Nova Scotia, Canada

Distance traveled from Nova Scotia to Hilo = 8614 kilometres

Keane MacLean *Pneumatics* – Returning member, 2nd year. Grade 12
Mallory MacDonald *Co-Captain/Co-pilot* – Returning member, 2nd year. Grade 12
Alex MacDonald *Pilot/Electrical* – Returning member, 2nd year. Grade 12
Alexis Dunphy *Co-Captain/Sensory Technician* – Returning member, 2nd year. Grade 12
Elizabeth Chisholm *Sensory Technician/Buoyancy* – Returning Member, 2nd year. Grade 11
Rebecca Dunphy *Co-pilot/Tether Manager* – 1st year member. Grade 10
Name: Kanaloa
Total Construction Cost: $1610
Primary Material: ½ inch PVC piping
Dimensions: Front Section- Length – 39.5cm
  Width – 38.8cm
  Height – 30.4cm
Rear Section – Length – 22.7cm
  Width – 11.8cm
  Height – 30.4cm
Total Weight – 16.4kg

Safety Features
  – Shrouds around motors, Danger labels on movable parts.
  – Fuse, ready light and E-stop in electrical control panel
  – Repeat and command system used when operating or launching the ROV.
  – Pre-launch Safety check

Special Features
- A movable camera that can be raised or lowered.
- A multiple camera system to create a 3-D plane of view.
- A pneumatic operated syringe system to collect agar.
- Redundant Systems for grippers, for raising the ROV.