

Pomona Subsea Initiative

California Polytechnic University, Pomona

Pomona, Ca, USA

Inaugural (1st yr) Team.

SPEC SHEET

ROV: Barreleye

Based: Pomona, CA, U.S.A

Dimensions: 597mm x 597mm x 24

Weight: 12.0 kg

Total cost: \$2500 USD

Work hours: 2000 hrs.

Travel: 7082 km to NL, Canada



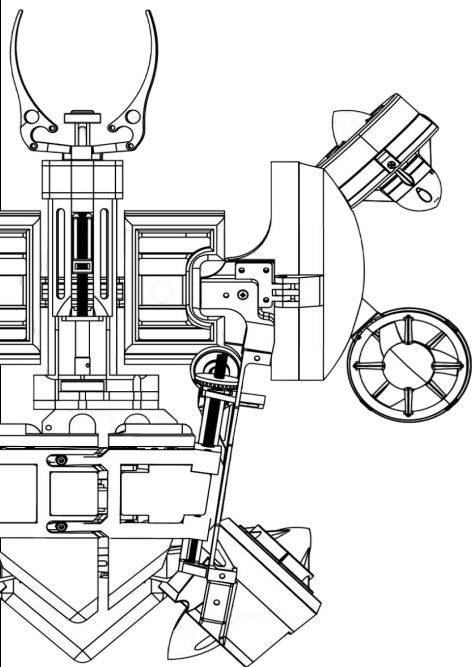
Fig. 1
Barreleye

Safety Features

- IP-20 Standard Motor/Thruster Shrouds
- Tether Strain Relief
- Complete Side Casing
- Omitted of Sharp Edges and Features
- Pressure Release Valve

Special Features

- 5 degrees of freedom
- Motorized buoyancy adjuster
- Modular frame for tool attachments



Lauren McLaury (4, **CEO**) Returning 3rd year
Daniel Silguero (4, **COO/Pilot**) Returning 8th year
Luke Blades (4, **Executive Safety Engineer**) New
Jonathan Beaton (4, **CTO**) Returning 3rd year
Jimmy Huynh (4, **CIO**) New
Jake Castillas (4, **Mechanical**) New
Joel Nelson (4, **Mechanical**) New
Eason Liu (2, **Executive Mechanical Engineer**) New

Gavin Lopez (4, **Executive Electrical/Software Engineer**) New
Giovanni Hernandez (4, **CFO**) New
Matthew Gallardo (4, **Electrical**) New (not pictured)
Reese Sugita (4, **Electrical/Software**) New (not pictured)
Gio Andary (4, **Mechanical**) New (not pictured)
Justin Vuong (2, **Mechanical**) New (not pictured)
Khanh Tran (4, **Mechanical**) New (not pictured)

