

Spec Sheet 2013

OD-4D

Mount Pearl, NL, Canada, 709 725-2888

“Design, Develop, Demonstrate, Deploy”

Location: Mount Pearl is a small vibrant community only 5 km distant from the capital city of NL on the eastern shore of the easternmost landmass in North America.



ROV ICE

Row L - R	Staff Member	Responsibility / Role	New/ Return.	Grade	Career Goal
Front L	Lauren Hayes	R&D/Fabrication/Human Relations	R	12	Naval Architect
Front R	Erin Matthews	Co-Pilot/Graphic Arts/ V.P. Public Relations	R	12	Dermatologist
2 nd L	Alexia Spencer	Research/ Software Manager /Tether	R	12	Nurse
2 nd #2	Ashley Hunter	Fabrication Technician	R	12	Teacher
2 nd #3	Kristen Marks	Designer/Fabricator/Deck Mgmt/ CFO	R	12	Mechanical Engineer
2 nd #4	Victoria Hynes	Technical Writer /Tether Mgmt.	R	11	Biochemist
2 nd R	Sarah White	R&D/ Fabrication/safety officer	N	11	Mech. Engineer
3 rd L	Christian Samson	Buoyancy/Ballast Systems/Media Outreach	R	11	Process Engineer
3 rd #2	Jonathan Pike	Fabrication Technician	N	10	ROV Technician
3 rd #3	Quinn Whalen	Tether/ CNC/ Testing	N	10	Computer Engineer
3 rd R	Connor Whalen	R&D/ Pilot/ CEO	R	12	Mech. Engineer
NIC	Chris Stacey	CAD Technician	N	11	Video Game Design

ROV SPECS

- ROV name: **ICE**
- Total cost of materials for 2012 and 2013: \$6200.
- Primary material(s) used in construction (Polycarbonate, HDPE, Stainless steel)
- Dimensions 45cm L: x 34 cm W x 35 cm H
- Total weight in air: 12.6 kg
- Safety features: commercial electrical connectors, rounded frame, protected thrusters, hi-grade electrical and electronics.
- Special features: all tools are unique - designed and fabricated in house; floating frame and tool skid, which can be separated from thruster unit; high maneuverability achieved by 20° thruster vectoring.