

Spec Sheet 2014

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
3 rd #1	Raphael Sanchez	R&D/Fabrication/Software	N	10	Computer Engineer
3 rd #2	Michael Howse	Safety Officer/Secondary Tether Manager	N	10	Naval Captain
3 rd #3	H. Quinn Whalen	Primary Tether Manager/R&D	R	11	Film Director
3 rd #4	Stephen Chislett	R&D / Fabrication	N	11	Audio Engineer
3 rd #5	Christian Samson	CEO/R&D/Fabrication/Court Jester	R	12	ROV Engineer
3 rd #6	Jonathan Pike	Fabrication Technician/Testing	R	11	Plumber
2 nd #1	Kaitlin Genge	Tool Development/Public Relations	N	10	Arc. Naval Engineer
2 nd #2	Chris Stacey	R&D/ CAD Technician	R	12	Computer Engineer
2 nd #3	Riley Fancey	R&D/Fabrication/Human Relations	R	11	ROV Pilot
1 st #1	Elizabeth Tuck	Graphic Designer/Buoyancy/Ballast Systems	N	10	Graphic Designer
1 st #2	Emily Wiseman	Graphic Designer/Software	N	10	Electrical Engineer
1 st #3	Victoria Hynes	CFO/Deck Manager/Technical Writer	R	12	Genetic Counselor
NIP*	Sarah White	Co-Pilot/Technical Writer/Media Outreach	R	12	Mechanical Engineer

*NIP – Not in photo

ROV SPECS

- ROV name: **ICE**
- Total cost of materials for 2013 and 2014: \$3200.
- Primary material(s) used in construction (Polycarbonate, HDPE, Stainless steel)
- Dimensions: 48cm L: x 58.5cm 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 40° thruster vectoring.