

OD-4D Company Spec Sheet 2015

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.



*NIP – Not in photo



Row L - R	Staff Member	Responsibility / Role	New/Return	Grade	Career Goal
1-2	Kaitlin Genge	President & CEO	R	11	Aerospace Medicine
2-5	Michael Howse	Manager, Safety Officer	R	11	Ocean Engineer
2-3	Jonathan Pike	Manager, Fabrication Technician/Testing	R	12	Electrician
2-4	Quinn Whalen	Manager, ROV Operations - Pilot	R	12	Software Engineering
NIP	Emily Wiseman	Manager, Software Designer	R	11	Electrical Engineer
NIP	Kathryn Brophy	Graphic Designer / Marketing	N	12	Graphic Designer
2-6	Harrison Latham	ROV Operations - Pilot	N	11	Aviation Pilot
2-1	Joel Hatcher	Research, Software Designer	N	10	Computer Engineer
1-5	MacKenzie Morgan	Fabrication Technician	N	12	Production Engineer
2-7	Noah Williams	ROV Operations - Pilot	N	10	Mechanical Engineer
1-1	Robin Murphy	CAD Technician	N	10	Software Engineer
NIP	Patrick Breen	Tool Development, Public Relations	N	10	Aviation Pilot
1-6	Zachary Norman	Fabrication Technician, Testing	N	10	Computer Engineer
1-3	Clark Payne	Tool Development	N	10	Mechanical Engineer
1-4	Stephen MacDonald	Software Designer	N	10	Computer Engineer
NIP	Daniel Villa-Lobos	Tool Development	N	10	Physicist
2-2	Matthew Butt	Research & Development	N	10	Mechanical Engineer
NIP	Maxwell Parrell	Fabrication Technician, Testing	N	10	Automated Production

ROV SPECS

- ROV name: **ICE**
- Total cost of materials for 2014 and 2015:
- Primary materials used in construction: Polycarbonate, HDPE, Stainless steel
- Dimensions: 62cm L: x 62cm W x 55 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 and proprietary - designed and fabricated in-house; patent pending™ on three tools; floating frame and tool skid, which can be separated from thruster unit; high maneuverability achieved by 30° thruster vectoring.