



Scotia Marine Exploration – “Sea Eagle”

History of competition participation – This is the 6th year our company has participated in the Mate ROV Regional Competition, we have never competed internationally.

The Team:

Jacob Starratt – Chief Executive Officer
Returning Member, Grade 12

Meghan MacDonald – Chief Executive Officer,
Returning Member, Grade 11

Dimitry Vinogradov - Software Programmer,
New Member, Grade 11

Cameron Mason - Construction Engineer,
Returning Member, Grade 11

Greg Horne - Construction Engineer,
Returning Member, Grade 11

Nicole Davies - Personal Relations Officer,
New Member, Grade 11

Melissa Kirchner - Technical Assistant,
New Member, Grade 10

Andrew MacMaster - Design Engineer,
Returning Member, Grade 11

Ryan Adderson - Production Engineer,
New Member, Grade 11

Joe Ellsmere - Engineering Consultant,
New Member, Grade 12



Top Left-Right: Cameron Mason, Jacob Starratt, Meghan MacDonald, Peter Redmond, Doug MacNiel, Dimitry Vinogradov, Joe Ellsmere, Greg Horne
Bottom Left-Right: Nicole Davies, Andrew MacMaster, Ryan Adderson

Distance required to travel to the international competition: 3231.20 KM

ROV Specifications

Total cost - \$2946.83

Primary material(s) used in construction – PVC

Approximate dimensions - 50.8 cm X 50.8 cm X 52.5 cm rectangles

Total weight - 14.969 Kg

Safety features - Nozzles around the thrusters, 25A Fuse, Emergency shutoff switch, Wiring (Heat shrink)

Special features – Depth and temperature Sensor, Pneumatic claw, Water Sample Extractor, Payload release system, Programmable Microcontroller, Variable speed system.

