Scotia Marine Exploration – “Sea Eagle”

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

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.