



NOVA

Underwater Technologies

Halifax Robotics, Nova Scotia, Canada

Distance to International Competition: 5,952.4km

Returning Team, 4th Year



ROV Name: B-94

**Total Cost: \$3,407.50 USD or
\$4,373.82 CAD**

Total Work Hours: 140

Total Person Hours: 980

**Dimensions: 42.5 cm(w) x 24.1 cm(h) x 48.1
cm(l) (transport mode)**

Weight: 9.35kg (+ 2.1kg tether)

Safety Features

Thruster covers and guards, rounded edges, safety tape/ caution stickers, fuse.

Special Features

Compact frame, modular components, waterproofed main and satellite electronics enclosures, 3 analogue cameras with analogue to digital converter, eight thrusters, thruster safety guards, flexible claw articulator, laser measurement, depth sensor, custom-built gearbox, Raspberry Pi 3, auto-stabilization, acoustic OBS release, light tether.

Team Members

Simon Qi (Grade 12, returning member) –
CEO and CFO

Yuhai Li (Grade 12, returning member) –
COO and Lead Software Engineer

Yuyang Li (Grade 12, returning member) –
CTO and Lead Electrical Engineer

JinHyuk Mo (Grade 11, returning member) –
Electrical Engineer

Warren Fisher (Grade 11, returning member) –
Lead Mechanical Engineer and Safety Officer

Ellis Keener-LaCroix (Grade 11, returning
member) –

Lead Structural Engineer

James Acres (Grade 10, new member) –
Mechanical Engineer

Colin Melia –

Mentor

