

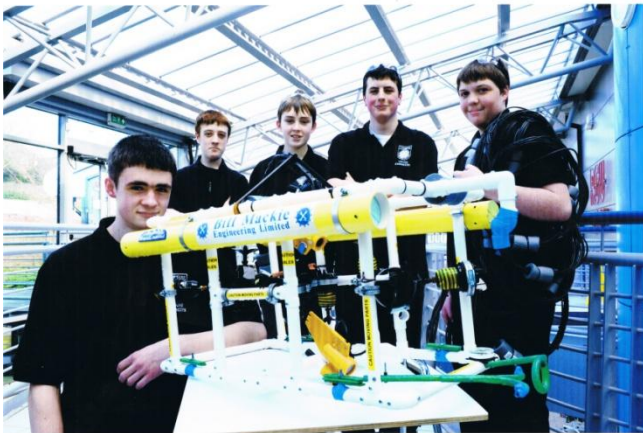
Subsea Technical Services

Mintlaw Academy Young Engineers
Aberdeenshire
Scotland



**Travelling 4436 miles to the
International Finals in Seattle!**

This is our first time competing in the International Finals and was also our first time in the regional finals in Scotland too! Each member of the team has just started their fifth year of secondary school.



Our Team (Left to Right)

Kieran Yule – Pilot & CFO

Gareth Swinney – Co-Pilot & Marketing

Liam Forbes – CEO

Douglas Leel – Chief Electrical Engineer

David Finnie - Machinist

Name – ROV 13

Total Cost - £372.01 (\$560)

Primary Material – PVC Piping

Dimensions – 85cm X 50cm X 35cm

Total weight in air – 6.2kg (excluding tether)
15.3kg (including tether)

Special Features – An electromagnet on the front for installing the temperature probe in the hydrothermal vent opening.

Safety Features – 25 A fuse on the positive lead of the power connections. All propellers are housed within the main frame of the ROV. All wires are housed within the PVC piping to prevent them catching on their surroundings.



Thanks to...

Ali Hynd – Our Teacher | **Neil Stagg** – Our Mentor | **Duthie Motors Longside** – Battery for the ROV
Bill Mackie Engineering – Bilge Pumps | **Plumb Centre** – Pipes for the frame of the ROV
Peterhead Community Centre – Allowing us access to their diving pool for practice
Robert Gordon University – For running the regional competition | **Buchan Power Tools** | **BP**
DOF Subsea – Donating the cameras | **Subsea 7** | **Subsea UK**



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