



Total Cost - £982.99
 Total Working Hours – 188 Hours
 Size (Approx.):
 Thruster to Thruster – 540mm
 Internal – 400mm x 400mm
 Height – 200mm
 ROV Weight - 5.71 kg
 Umbilical Weight - 3.67 kg
 Total Weight - 9.38 kg (Approx.)

Grove Academy, Dundee, Scotland
 Distance from Dundee, Scotland to Long Beach,
 CA, USA - 8279 km (Approx.)
 New team to the Mate ROV Competition

ROV NAME:

CAPTAIN SCOTT



TEAM MEMBERS (Left to Right)

- Kyle Reid (S6) - Head Structural Engineer
- Jonathan Main (S6) - Vice CEO, Pilot
- Arran Leiper (S6) - Chief Safety Officer
- Fraser Robson (S6) - Production Engineer, Co-Pilot
- Jacob Sharpe (S6) - CEO
- Sam Terroni (S6) - Head Electronic Engineer

SAFETY FEATURES -

- 25A Fuse on power cable
- Each thruster is individually fused (5/7.5A)
- Thrusters have custom 3D printed front and back guards
- Main On/Off switch acts as a kill switch
- Curved edges on side pieces and all exposed screws have been de-burred.

SPECIAL FEATURES -

- Multiple cameras – Two fixed position and one with multiple positions
- Custom built hook and grabber arm
- In-house built aluminium frame
- 15m long tether – control harness
- Custom built solid-state switched motor drive board (MOSFET and H-Bridge)