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)