Company Information

comp_{pany Name}: gROVer Exploration (Grove Academy)
Location: Dundee, Scotland
Distance from competition: 4,459 miles
Competition history: 1st ever competition

Grade range: As we are in S6 there are a variety of potential grade ranging from national 5 to higher to advanced higher.

ROV Information

ROV Weight: 9.2Kg (Rov—5.6 Kg, Umbilical – 3.6Kg)
Length: 40CM
Width: 27CM
Height: 25CM
Power Requirements: 12V DC (stepped down to 5v for control system)
Money Spent: £211.04
Value of Reused/Donated items: £920.35

Safety Features

Water proof tape on the umbilical
3D printed cowls covering the thrusters
Rounded edges
Dome nuts on the metal rods
Warning labels on potential hazards
Motors protected by 2.5 amp fuse
Circuit is protected by 25 amp fuse

Special Features

XBOX 360 controller
6, 500 GPH bilge pumps
Movement about its central axis
3 underwater cameras
Aluminium hook and grabber

Nessie ROV specifications