

# impROVise Company Spec Sheet

Company Name: impROVise    School: Keith Grammar School    Home Country: Scotland

R.O.V. Name: Aegaeon    Distance from Competition: 3789 miles (6098 km)

This is impROVise's sixth year competing in the M.A.T.E. R.O.V. Competition. Overall the team has managed to put in roughly 400 hours of work into the company. This averages out at 67 hours per person. We currently have 8 members ranging from 16 to 18 years of age.

## R.O.V. Specifications

R.O.V. Name: Aegaeon

Total Value of R.O.V: £1,044.86

Tether Length: 15M

Dimensions: 395mm (L), 346mm (W), 315mm (H)

Weight : 7675g

## Safety Features:

- 25A fuse fitted in main power line
- 10A camera fuses as per M.A.T.E. competition standards.
- All moving parts have been firmly secured to the vehicle and shrouded appropriately.
- All motors have been enclosed to an IP20 Standard.
- Tether is fully strain relieved at R.O.V. and Control Box as to not damage any electrical wiring.
- Warning signs have been fitted where appropriate.

## Special Features:

- Most Components manufactured in house
- Most components have been made with our 3D Printer, Laser Cutter and CNC Machine
- Tank Turning Movement



*Socially Distanced Team Photo - Bent*  
Team Members

Lewis Roger – Chief Executive Officer, 18, S6

Bent Michielsen – Vice Chief Executive Officer, 17, S5

Dylan Taylor – Chief Financial Officer, 17, S6

Jamie Herd – Electrical Engineer, 18, S6

Peter Grant – Technical Documenter, 18, S6

Rhea Burgess – Safety Officer, 16, S5

Tom Watson – Community Outreach Co-ordinator, 17, S6

Gregor Clark –Graphic Designer, 16, S5



*Aegaeon - Peter*