



VORTEX
NTNU

Company information

Name: Vortex NTNU

School: Norwegian University of Science and Technology

Home: Trondheim, Norway

Distance Travelled: 8306 km

Company History: 2nd Year Participating

Education: Undergraduate



Name:	Role:	Year of Study:
Arne Bui*	CEO	3
Dong Zhang	CFO	3
Morten F. Amundsen*	Chief Control	5
Sindre Hansen	Control	4
Karl Ylvisaker*	Chief Electronics	3
Simon L'orange*	Electronics	5
Lars H. Andersen*	Electronics	5
Aksel Lenes	Electronics	1
Sverre Spetalen	CMO	2
Eivind Salvesen	Marketing	2
Erik Dymbe	Marketing	1
Kristian Bortne*	Chief Mechanical	3
Greatania Juardi*	Mechanical	3
Petter Sjetsjøe	Mechanical	2
Vegard Skjefstad	Mechanical	2
Vegard Kamsvåg	Mentor	4
Ingrid Onstein	Mentor	4
Peter Aaser	Mentor	5

*Attending for the second time (Rest of members are new)

ROV Specifications

ROV Name:	Terrapin
Total Material Costs:	\$ 7140.20
Total Company Labour:	6 045 hours

Safety Features:

- Kill switch implemented in the GUI and also physically on the pelicase.
- Adequate warning labels and overall propeller guard.
- Restricted bend radius and strain relief on tether.
- Fuses on all peripherals.

Special Features:

- Thruster configuration allows for 6 DOF accompanied by a sophisticated control algorithm.
- System for switching up to eight cameras providing great redundancy.

