

COMPANY SPECIFICATIONS

Company Name : Vortex NTNU
 University : Norwegian University of Science and Technology (NTNU)
 Country : Norway
 Distance Traveled : 7 808,96 km
 First year of participation for the company



MEMBERS	GRADE
Ole Johan J Lønnum (CEO)	3
Marie Henriksen (CFO)	2
Morten Liland (CTO)	5
Vedbjørn Kjerstad (CMO)	2
Kristian Bortne (Mechanical)	2
Arne Bui (Mechanical)	2
Greatania Juardi (Mechanical)	2
Sarah A. Prescott (Mechanical)	2
Karl Ylvisaker (Electronics)	2
Lars H. Andersen (Electronics)	4
Simon L'orange (Electronics)	4
Peter Aaser (Control)	4
Morten F. Amundsen (Control)	4
Eirik Lothe Foseid (Control)	2
Alexander G. Wasaznik (Manipulator)	4

Mentors : Daniel Tran, Johannes Lorentzen, Mads Jøsok

Faculty Advisors : Stefano Bertelli



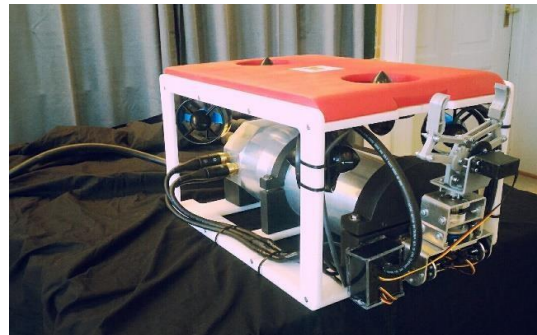
Team Vortex NTNU 2016

ROV SPECIFICATIONS

Name : MAELSTROM

Total Cost : 16 200 USD

6000 student-hours to design and build



Picture of Maelstrom

Safety Features:

- Connectors on the electrical housing is female-bulkheads to marginalize the chances of someone getting an electrical shock
- Range testing of incoming signals
- Mechanical stress relief for tether system

Special Features:

- 5 DOF quaternion based dynamic positioning system
- All electrical components are reusable for future generation of the Vortex NTNU project