Distance required to travel to the international competition: 12,719 km

The Team:
Elliot Jinoo Hong – Chief Executive Officer, Software & Electrical Engineer, Designer, Pilot
Arushee Kadam – Electrical & Mechanical Engineer, Designer, Co-Pilot
Audrey Yung – Chief Financial Officer, Mechanical Engineer, Onshore Crew Member
Jeffrey Chak, Software Engineer, Safety Officer, Onshore Crew Member
Cyrus Lam – Mechanical Engineer, Safety Officer, Tether Supervisor
Mr. John Shearman - Mentor

Name of ROV:
NOAA

Approximate Manufacturing Cost: 2000USD

Weight: 8.4kg

Dimensions:
39 cm x 28.5cm x 33.5 cm

Material:
HPDE

Safety features:
- 20A in line fuse less than 30cm away from power supply
- Shrouded and guarded thrusters
- Emergency kill switch to cut power
- Warning signs on water tight compartment

Additional features:
- 3D printed motor mounts
- Custom built control box with big joysticks for precision -tailor made for the ROV
- Fully detachable tether
- Removable front panel for various tools
- Only 6 thrusters in a special configuration to balance between stability, maneuverability, and power efficiency