

## 8th Year Participants

## Company Information:

Kin Ip Mong	Year 2	Return	Chief Executive Officer
Mengdi Zhang	Year 2	New	Chief Financial Officer
Minsoo Khang	Year 1	New	Chief Technical Officer
Tsz Ho Wong	Year 1	New	Mechanical Engineer
Anthonie Tjendana	Year 2	New	Mechanical Engineer
Jaewook Lee	Year 2	New	Mechanical Engineer
Sanghyun Jeon	Year 3	New	Electronic Engineer
Calvin Cheng Chee Hau	Year 2	New	Electronic Engineer
Ka Yan Yiu	Year 2	New	Electronic Engineer
Kuang Yu Hsueh	Year 1	New	Electronic Engineer
Yat Wing Cheung	Year 1	New	Electronic Engineer
Kevin Pratama	Year 2	New	Software Engineer
Adrian Prawira Susanto	Year 2	New	Software Engineer
Jeongseok Hyun	Year 2	New	Software Engineer
David Sun	Year 1	New	Software Engineer
Riwandy	Year 1	New	Software Engineer



## ROV Specifications:

**Distance to Seattle:**  
12,549 km



### Stability:

>75 Hours Flight Time  
>2000 Hours Design & Build

### Buoyancy

Buoyancy Foam with  
Carbon-Fibre Composite



### Sensors:

- 6 DOF IMU
- Inductive Coupling
- Independent WIFI
- Hydrostatic Pressure Vertical Distance



### Max Speed:

1.4 m/s



### Safety Features:

- Safety Guards
- Strain Relief
- Shrouded Thrusters



### Software System

- CAN Bus Integration
- ROS Kinetic
- Arduino Environment



### Framework:

Made from High Density Polyethylene (HDPE)

- Top-Tier Houses Modular Electronic Components
- Bottom Tier Houses Custom Designed Manipulators



### Electronics System

- Modular Electronics Design
- Stable Power Protection
- Flexible Camera Channel



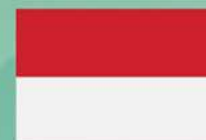
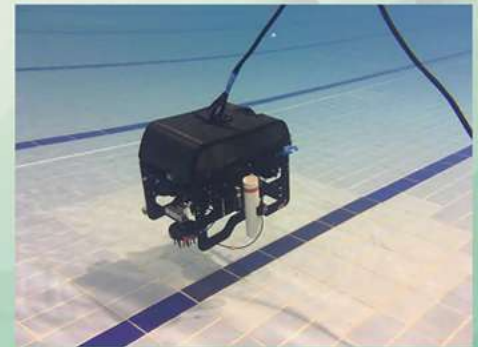
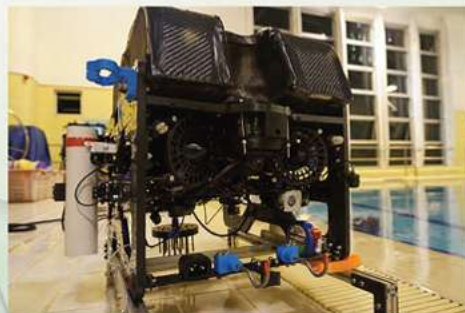
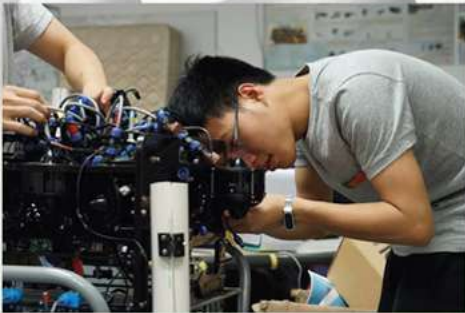
Length: 513 mm  
Width: 330 mm  
Height: 351 mm

### Mass

Tether: 3.4 kg  
ROV: 13.6 kg



**Price: USD 4,600**



Home State: Hong Kong