

COMPANY SPEC



8th year competing in MATE ROV
13,229 km to travel from HK to Kingsport, TN, USA

Wei Mau Chun	CEO	Year 3
Lam Ting Kwan Alex	CTO	Year 4
Lau Ka Pik Sabrina	Public Relations Lead	Year 2
Yicheng Guo Eason	Electronics Lead	Year 4
Wong Tak Shing	Software Lead	Year 2
Chan Ho Yan	Mechanical Lead	Year 5
Sit Yan Tung	Safety Officer	Year 2

Sinalubong Des	Software Engineer	Year 2
Farenh Ladio	Software Engineer	Year 3
Cheung Wai San	Software Engineer	Year 2
Ip Aaron	Software Engineer	Year 2
Yu Ka Hei Edison	Software Engineer	Year 2
Tsai Hsin Chien	Software Engineer	Year 2
Tong Ying Yui	Software Engineer	Year 2
Ngai Tung Lam	Software Engineer	Year 3
Tong Ying Yui Eric	Software Engineer	Year 2
Yiu Yin Kwan	Software Engineer	Year 2
Hui Yeung Ting	Software Engineer	Year 2

Li En Yee Ian	Electronic Engineer	Year 4
HUNG Farrell	Electronic Engineer	Year 3
ISLAM Ishmamul	Electronic Engineer	Year 3
Poan Tsz Kiu	Electronic Engineer	Year 3
Fan Ka Wing	Electronic Engineer	Year 1
Leung Wing Yan	Electronic Engineer	Year 2

Siu Nok Man	Mechanical Engineer	Year 2
Kong Pak Hei	Mechanical Engineer	Year 2
Yiu Ka Yan	Mechanical Engineer	Year 3
Cai Zichen	Mechanical Engineer	Year 1
Ng Chi Oi	Mechanical Engineer	Year 1
Chan Ho Lam	Mechanical Engineer	Year 1

ROV SPEC

Name: Fronteer

Building Time: 2500 hours

Total Cost of ROV: \$ 1816.4 USD

Dimensions (LxWxH): 46cmx41cmx33cm

Weight: 15.86 kg

Safety Features

- Fail-Safe System for easy retreat of ROV
- Dual protection circuit on power system
- Kill box for emergency shut down
- No sharp edges exposed
- Eye-catching labels on moving or hazardous object

ROV Special Features

- 2DoF Gripper
- Depth hold 6DoF
- Adjustable gripper force
- Neutral buoyant tether
- Quick Installation of Electronic Housing
- Modular Mechanical & Electronic Structure

