

Spec Sheet



6th year competing in MATE ROV

11669 km travel distance from HK to CA,

ROV Spec

Name: Fronteer

Total Cost of ROV: \$2816.9USD

Dimensions (LxWxH): 53.8 cm x 37.9 cm x 27.6 cm

Weight: 11.2 kg

Total Design and Building Time: 2500hrs

Safety Feature

- Onboard Power Sensing System
- Overcurrent Protection
- Fail-Safe System for easy retreat of ROV
- Onboard LED Display on ROV status
- Kill box for emergency shut down
- No sharp edges exposed
- Eye-catching labels on moving or hazardous object

ROV Special Feature

- Modular Mechanical Structure
- Modular Electronic System
- Redundant Communication System
- Depth hold 6DoF
- Neutral buoyant optical tether

Company Spec

Lai Chun Wai	CEO	Year3
Li En Yee	Project Manager	Year2
Tang Ho Tung	Mechanical Lead	Year4
Ngan Wai Sing	Electronic Lead	Year4
Ng Man Lung	Software Lead	Year3
Wong Ho San	Electronic Engineer	Year4
Cheng Ki Fung	Electronic Engineer	Year4
Au Yeung Hing Hui	Electronic Engineer	Year3
Chan Ho Yan*	Mechanical Engineer	Year3
Ho Yin Yat	Mechanical Engineer	Year3
Wu Kwok Yin	Mechanical Engineer	Year3
Chan Long Tin	Mechanical Engineer	Year3
Wei Mau Chun*	Software Engineer	Year1
Li Jun*	Software Engineer	Year1
Lee Sin Yu*	PR Officer	Year1
Xiao Jiancheng*	PR Officer	Year3
Lam Ching Yin	PR Officer	Year2

* = new member

