

SPEC SHEET

COMPANY SPEC



Ng Man Lung	CEO, Software Lead	Year 4
Li En Yee Ian	Project Manager, Pilot	Year 3
Chan Ho Yan	Mechanical Lead	Year 4
Cheng Ki Fung	Electronic Lead	Year 4
Li Jun	Software Engineer	Year 2
Cheung Wai San	Software Engineer	Year 2
Shen, He Qian	Software Engineer	Year 2
Lai Chun Wai	Mechanical Engineer	Year 4
Wei Mau Chun	Electronic Engineer	Year 2
Wasir Muhammad Rumi	Electronic Engineer	Year 3
Siu Nok Man	Mechanical Engineer	Year 1
HUNG Farrell	Electronic Engineer	Year 2
Lau Ka Pik Sabrina	Software Engineer	Year 1
Sit Yan Tung	Software Engineer	Year 1
GUO Yicheng	Electronic Engineer	Year 3
Au Yeung Hing Hui	Senior Engineer	Year 4

7th year competing in MATE ROV

11975 km to travel from HK to CO, USA

ROV SPEC

Name: Frontier

Building Time: 2500 hours

Total Cost of ROV: \$ 1816.4 USD

Dimensions (LxWxH): 46cmx46cmx20.9cm

Weight: 12.5 kg

Safety Feature

- 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 Feature

- High luminance searchlight
- Rotatable Cylinder Gripper
- Depth hold 6DoF
- Neutral buoyant tether
- Modular Mechanical & Electronic Structure

