**SPEC SHEET 2023**

**MARLIN**

**DICE-SHAPED FRAME**
Better manoeuvrability and stability akin to current market ROVs

**MODULAR ASSEMBLY**
Interchangeable parts to perform mission specific tasks flexibly

**BUOYANCY AS FRAME**
Carbon fibre tubes seals air replaces need for buoyancy module

**8 THRUSTER PROPULSION**
Enhanced mobility for freedom in movement and orientation

**SAFETY FEATURES**
- Killbox for Emergencies
- Waterproofed circuits before testing
- Reinforced cable protect connection wires from wear and tear

**HOME STATE**
Hong Kong

**TRAVEL DISTANCE**
12000 km (To international)

**FACT SHEET**

**DIMENSIONS**
- WIDTH: 56 CM
- HEIGHT: 56 CM
- LENGTH: 47 CM
- WEIGHT: 17.99 kg

**TOTAL COST:** $4,274 USD
**TOTAL HOURS:** 1000 Hrs

**ROV in action**

**Company 11th year participants (Returning)**

**TEAM PROFILE**

**CEO:** LEUNG, Ka Chun, Year 2
**CFO:** CHAU, King Tsun, Year 2
**CTO:** YU, Ho Chun, Year 2
**Safety Officer:** LI, Xin Wei, Year 1

**SOFTWARE**
- KAO, Ka Ho, Year 3
- HSUAN, Chi Ting, Year 2
- LI, Chi Kin, Year 1
- TSAI, Yiu Kit, Year 1
- WONG, Hei Chun, Year 2
- WONG, Wing Him, Year 2
- YIP, Chi Ho, Year 1
- ZHANG, Tin Yau, Year 1

**HARDWARE**
- KUO, Chen Chieh, Year 2
- CHEUNG, Yan To, Year 2
- HUNG, Ka Ho, Year 2
- SONATA, Joshua Elnathan, Year 2
- NG, Ji Yan, Year 4
- TAM, Siu Ho, Year 1

**MECHANICAL**
- LAM, Chun Ho, Year 2
- CHAN, Ho, Year 2
- CHAN, Leong Ip, Year 2
- CHEUNG, Chun Wai, Year 1
- CHIN, Kiu Fung, Year 1
- HUI, Kan Lap, Year 1
- LEE, Ting Yan, Year 1
- MUI, Jessye, Year 1
- TAI, Chun Ho, Year 2
- WONG, Kin Hang, Year 2