



Oceaners

Shanghai, China

Company Spec Sheet 2026



Figure 1: Nemo ROV By: Yingning Ma

Distance traveled: 11,242.1km

Total cost: \$ 2,937

Weight: 13.56 kg

Dimensions (L × W × H): 52 × 35 × 25 cm

Tether length: 23 m

Student hours: 2,210 h

Nemo is a modular underwater vehicle designed for stability, precision, adaptability, and ease of maintenance. Tulkun is developed as an independent profiling float for autonomous vertical monitoring. Together, the two systems integrate mechanical, electrical, control, and safety design to meet the 2026 Ranger mission requirements.

Key Safety Features

- 3D-printed thruster guards
- Fuse protection system
- Transparent acrylic enclosure for leak inspection
- Rounded aluminum frame for safer handling

Zimu Jiang * G7
Rongde An * G6
Zimo Li * G7
Muyun Zhang * G7
Yuhao Luo * G10
Xinyao Wang * G7
Yingning Ma* G10
Wenxi Sun * G7
Maoqin Lin * G6
Yushu He * G7
Ruiyao Zhu * G11
Gaoze Zhang* G11
Yihong Bao* G11

Chief Executive Officer & Pilot
Chief Technical Officer & Co-Pilot
Electrical Lead & Tether Manager
Software Lead & Float Engineer
Co-CEO & Safety Officer & ESG Analyst
Mechanical Lead & Co-Pilot
System Integration & Co-Pilot
Documentation
Finance Lead
Media Lead
Electrical Engineer
Mechanical Engineer
Software Engineer

Xuhui ECAE MS
Nanmo JHS
Junbo FL MS
Junbo FL MS
Starriver Bilingual School
Weiyu MS
Nanmo HS
Xiwai Int'l School
Nanmo JHS
SJTU No.2 MS
Nanmo HS
Nanmo HS
Nanmo HS



Figure 2: Oceaners team members By:Yingning Ma