

CMA UNDERWATER EXPERT LTD.



5th Year Participant

In MATE International ROV Competition,
Second year compete in
Explorer Class

Crew Members:

CEO:

Jayden CHAN, Grade 10, Returning

Executive Secretary:

Victoria LAU, Grade 11, Returning

Electrical Engineer :

Jerry LU, Grade 9, Returning

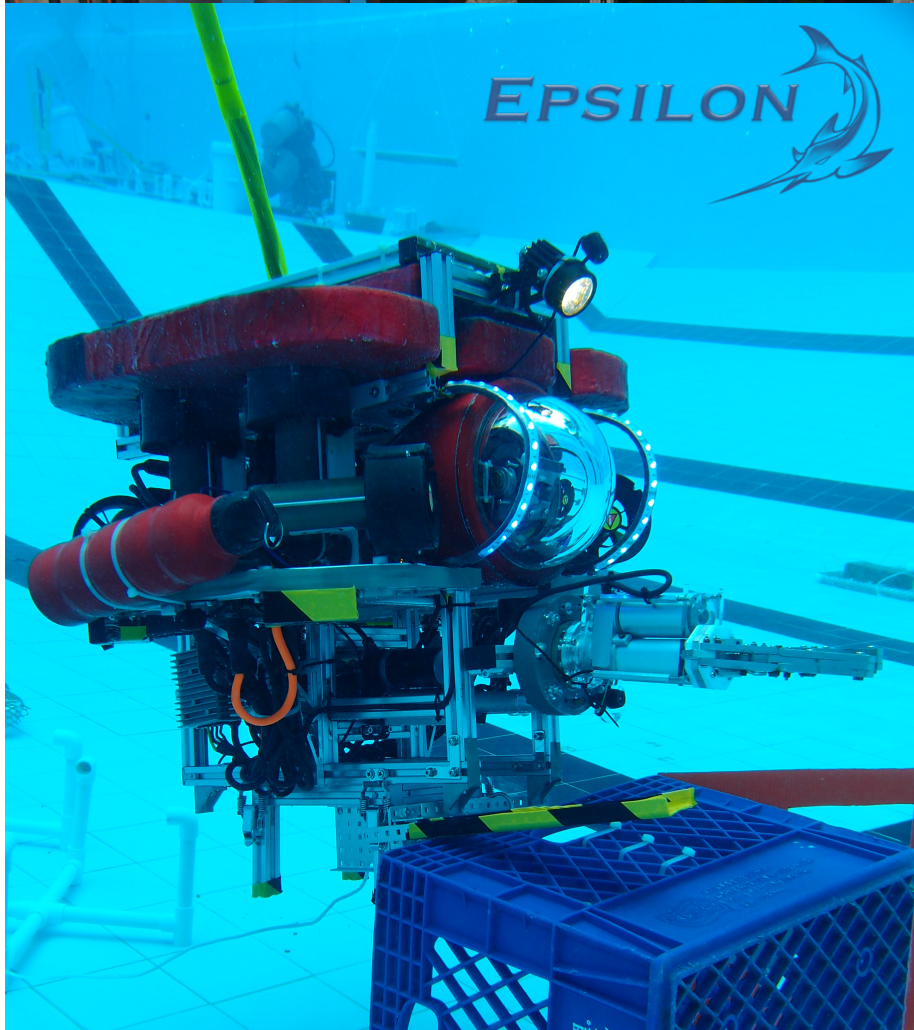
Casipan LUK, Grade 11, Returning

Mechanical Engineer:

Dicky LEUNG, Grade 11, New

Kenny WONG, Grade 11, New

**Distance from Hong Kong to
Houston, Texas:
8,371.9 Miles**



EPSILON

ROV SPECS

Primary Construction Materials:

Aluminum

Total Weight:

16kg

Dimension:

450mm x 380 mm x 400mm

Cost:

USD 5,152.98

Total student-hours to design and build:

3,500 hours

Safety Features:

- No sharp edges
- Hazard warning stickers labeled on all moving part
- A 40 Amp Miniature Circuit Breaker placed in Electrical System
- Volt-meter, Amp-meter and Emergency Stop Button installed in Electrical Distribution Control Panel
- Tether is covered for protection

Special Features:

- Advanced LED Spotlight
- Quickly Detachable Mechanism
- DOME Camera for main buoyancy use
- 11 Missions Orientated with 1 Manipulator

CMA SECONDARY SCHOOL, HONG KONG