



CMA UNDERWATER EXPERT Ltd.

School name : CMA Secondary School in Hong Kong, China

Club name : Design and Applied Technology Club

Place of origin: Hong Kong SAR

Distance required to travel to the International Competition: 10434 kilometers

History of MATE ROV Competition Participation: Returning members of MATE ROV Competition, participated in 6 regional competitions and this is the second time to participate in the MATE International Competition

ROV SPECS

CMA - ROV Name: **Beta** 【佩珊號】

Total Cost : US\$862

Primary material: 20mm X 20mm Aluminum

Dimensions : Length - 69cm
Width - 68.5cm
Height - 49.5cm

Weight : 19 kg

Speed : Horizontal Speed - 0.58 m/sec.

Vertical Speed -0.75 m/sec.

Safety Features :

- Cover of the thruster
- 25A fuse in place
- No sharp edges
- Volt-meter and Amp-meter monitor

Special Features:

- Temperature Sensor
- Manipulator
- Rapid Replace Module

Healthy Ocean, Healthy People !



Leung Shun Kuen
(S5, Mechanical Engineer)
(RETURNING)

Dang Quoc Vuong
(S4, CEO)
(RETURNING)

Leung Hei Long
(S4, CFO)
(NEW)

Cheung Man Yuen
(Chief Mentor)
(RETURNING)

Chan Cheung Hin
(Software Mentor)
(RETURNING)

Chan Sen Chang
(Electrical Mentor)
(RETURNING)

Poon Wing Kee Kimberly
(Mechanical Mento)
(RETURNING)

Cho Lee Man
(S4, System Engineer)
(NEW)

Chan Kwok Fung
(S1, Secretary)
(NEW)

Li Yin Sing
(S1, Electrical Engineer)
(NEW)

Yeung Suet Yee Queenie
(Business Mentor)
(RETURNING)