5th Year Participant
in MATE International ROV Competition,
Second year compete in
Explorer Class

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

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

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

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