2012 MATE International ROV Competition

Distance required to travel to the international competition:
14,000 km (HK to USA)

Second Time Participating

POSEIDON Specification:
Total cost: USD 7000
Primary construction materials:
Aluminum, PVC, PE
Approximate dimensions:
(W X L X H) 0.6 m X 0.6 m X 0.9 m
Total weight in air: 30 kg

Team Members
Yu Hon NGAI – CEO (Year 2, E.E.)
Ho Sum LEE
Siu Mui WONG
Kin Yeung LEUNG
Hei Chit Adrian YUEN
Kevin WONGSO
Sheshan Ryan AARON
Hon Pan LO
Ling To TSANG
Chi Ling FUNG
Chung Ling CHENG
Ka Kin WONG
Wenhao CHEN
Andrews Widy PURNOMO
Chi Hong YUM
Ho Yin CHENG
Kam Hung FUNG
Shuk Kwan YIP
Yan TING
Yoga Y. NADARAAJAN

Supervising Faculty Member:
Prof. Kam Tim WOO (Returning)

Mentors:
Chun Yin LEUNG (Returning)
Ming Shing WONG (Returning)
Chap For LUI (Returning)

Boost Creativity Innovate The Future

Safety Features:
Protective guard for the propellers
Safety labels on the ROV for caution.
Built in fuses in the onboard electronic circuits.

Special Features:
High efficiency self designed blade thruster
HD Cameras, 9DOF Digital Sensor
Human Motion Capture

3D Stereo Camera and Head Tracking