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HKUST WHALE 2013



HONG KONG
10422km to
Seattle, USA

Specification:

Primary construction materials: Aluminum, PVC, acrylic
Approximate dimensions: 65cm*65cm*103cm
Total weight in air: 50 kg
Cost: USD 2,832.00

Safety Features:

Protective guard for propellers
 Safety Labels ROV for caution
 Built in fuses in the onboard electronic circuits
 Pressurized electronic tube

Special Feature:

Pneumatic Arms
 6 Cameras & 9DOF Digital Sensor
 Adjustable Buoyancy System
 Vector Thrust Control



3rd Time Participation

Developed by Joker Inc.:

Andreas Widy PURNOMO
Yoga Y NADARAAJAN
Adrian YUEN
Christopher Sebastian SOEBRATA
Ho Kai CHEUNG
Zeyu SUN
Ne Myo HAN
Yik Long THAM
Ching Chun CHUNG
Zhuo Quan IM
Chun Man FONG
Matthew MA

CEO (Year 1, ECE), Returning
CFO (Year 2, ECE), Returning
CTO (Year 2, CSE), Returning
Electronic Engineer (Year 1, ECE), New
Electronic Engineer (Year 1, ECE), New
Electronic Engineer (Year 1, ECE), New
Mechanical Engineer (Year 1, MECH), New
Mechanical Engineer (Year 1, MECH), New
Mechanical Engineer (Year 1, MECH), New
Mechanical Engineer (Year 1, PHYS), New
Software Engineer (Year 2, CSE), New
Software Engineer (Year 1, CPEG), New

