HKUST WHALE 2013

Specification:

Primary construction materials: Aluminum, PVC, acrylic
Total weight in air: 50 kg

Approximate dimensions: 65cm*65cm*103cm

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

Developed by Joker Inc.:

Andreas Widy PURNOMO
Yoga Y NADARAAJAN
Adrian YUEN
Christopher Sebastian SOEBRATA
Ho Kai CHEUNG
Zeyu SUN
Ne Myo HAN
Yih Loong THAM
Ching Chun CHUNG
Zhao 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, MECH), New
Software Engineer (Year 2, CSE), New
Software Engineer (Year 1, CPEG), New

3rd Time Participation

10422km to Seattle, USA

Andreas Widy PURNOMO
CEO (Year 1, ECE), Returning
Yoga Y NADARAAJAN
CFO (Year 2, ECE), Returning
Adrian YUEN
CTO (Year 2, CSE), Returning
Christopher Sebastian SOEBRATA
Electronic Engineer (Year 1, ECE), New
Ho Kai CHEUNG
Electronic Engineer (Year 1, ECE), New
Zeyu SUN
Electronic Engineer (Year 1, ECE), New
Ne Myo HAN
Mechanical Engineer (Year 1, MECH), New
Yih Loong THAM
Mechanical Engineer (Year 1, MECH), New
Ching Chun CHUNG
Mechanical Engineer (Year 1, MECH), New
Zhao Quan IM
Mechanical Engineer (Year 1, PHYS), New
Chun Man FONG
Software Engineer (Year 2, CSE), New
Matthew MA
Software Engineer (Year 1, CPEG), New