Team Spec sheet
Kwok Tak Seng Catholic Secondary School

TEAM SPECS
School name: Kwok Tak Seng Catholic Secondary School
Home state: Hong Kong
Distance traveled to the international competition: 10000 KM

✧ First-time MATE ROV competition participant?
   Our school had joined the international competition last year. But all team members are new and younger this year.

✧ Team photo and caption indicating team member name and role (e.g. team captain).
   This photo should include all of the team members, especially those planning to travel to the international event.

✧ Range of grade levels represented by your team members
   2 students from grade 9 and
   2 students from Grade 10

ROV SPECS
ROV name: KTSCSS
Total cost: Fund raised from school - Building of ROV - Travel to USA

Approximate dimensions in metric units: 0.6M x 0.4M x 0.3M
Total weight in AIR in kilograms: 3.5 Kg

✧ Primary material(s) used in construction
   Mainly built PVC, Only small part of ROV is built aluminum and acrylic

✧ Safety features
   Each Propeller is protected by a cap, Avoid Sharp edge, 1A Fuse is connected in the circuit and no hazard material had been use(safe to put under water)

✧ Special features
   A moveable payload for grabbing objects
   2 Mono-directional motors are used to control a movement on the same axis which provides bigger force to control the ROV more efficiently.