

**Company Name:** Tigersharks Inc.

**School:** Taipei American School

**Organization Name:** MATE ROV Underwater Robotics

**Home Country:** Taiwan, R.O.C.

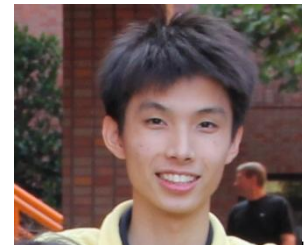
**Distance to the International Competition in Orlando:** 13611.5 km

**History of MATE ROV Participation:**

We have participated in the International Competition in 2010 and 2011. All of the founding members have graduated, and the current team is composed of the 2<sup>nd</sup> and 3<sup>rd</sup> generation members.

**Range of Grade Levels of Members:** 10<sup>th</sup> to 12<sup>th</sup> grade

**Company Photo:**



Arthur Chang\*  
(regulatory officer)

β New Member

\* Returning Member



**Back:** Alvin Choi<sup>β</sup> (system engineer), Anthony Lin<sup>β</sup> (CTO), Gregory Huang<sup>β</sup> (camera engineer), John Simonton (team advisor)

**Center:** Jason Tong<sup>β</sup> (R&D engineer), Eric Lam<sup>β</sup> (mechanical engineer), Kevin Ku\* (CEO), Loren Weng\* (pilot)

**Front:** Kateline Lin\* (COO), Mandy Chow\* (CFO), Annette Wang<sup>β</sup> (regulatory officer), Sarah Chang\* (integration officer), Emily Huang<sup>β</sup> (testing officer)

### ROV Specs:

- Name: TS-03
- Total Cost: 147394 NT (4994.99 USD)
- Primary materials: aluminum, plastic, PVC
- Dimensions: L: 32 cm W: 26 cm H: 22.2 cm
- Safety Features: humidity sensor in control box, motor casing, 25 amp fuse, sanded edges
- Total Weight: 8.8 kg
- Special Features: Servo cameras, modular control system, PS-2 game controller, waterproofed servo, dedicated power lines, digital compass, rotatable claw, printed circuit board

