7th year competing in MATE ROV

11975 km to travel from HK to CO, USA

### ROV SPEC

**Name:** Fronteer  
**Building Time:** 2500 hours  
**Total Cost of ROV:** $1816.4 USD  
**Dimensions (LxWxH):** 46cmx46cmx20.9cm  
**Weight:** 12.5 kg  

**Safety Feature**  
- Fail-Safe System for easy retreat of ROV  
- Dual protection circuit on power system  
- Kill box for emergency shut down  
- No sharp edges exposed  
- Eye-catching labels on moving or hazardous object

**ROV Special Feature**  
- High luminance searchlight  
- Rotatable Cylinder Gripper  
- Depth hold 6DoF  
- Neutral buoyant tether  
- Modular Mechanical & Electronic Structure