

## 2010 MATE International UROV Competition Team Specifications Sheet for Team Limawai

**School:** Kapi`olani Community College  
**Location:** Honolulu, O`ahu, Hawaii.  
347 km from competition.  
**Competition Class:** Explorer

**ROV Name:** *Ka`imiolakai*  
(*The Ocean Life Seeker*)

**Construction Materials:**  
6061 Aluminum, Fiberglass resin, Styrofoam  
**Weight in Air:** 16 kg  
**Dimensions:** 59x50x36 cm  
**Cost:** ~\$6,400

### Safety Features:

- Automatic dark-detection
- Comm Fail Auto-Rise Feature
- Rigid Rubber Grippers
- Isolated electric parts
- Multi-fuse protection
- No sharp edges on structure

### Special Features:

- Custom GUI
- Customizable Driver Profiles
- Dark-detecting, auto adjusting lights
- LRU Design



**Top:** Kurt Kalhoefer (SW), Keoka Nakamura (ME), Andy Pham (HW\*), Deserie Bala (ME), Shohan Islam (ME), Anadil Chowdhury (ME), Corey Shimabukuro (SW\*), Dave Horton (ST)

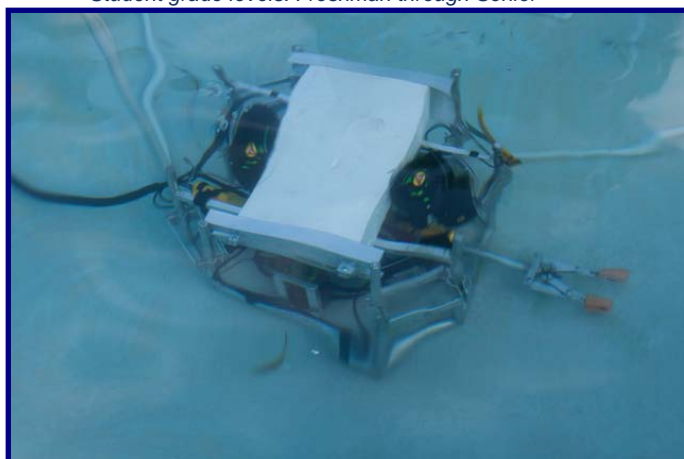
**Bottom:** Mark Anthony Baptista (HW), Jason Epperson (SI), Kānekawaiola Lindsey (ST\*), Mission Rahman (ME), Cyrus Legg (SI\*), Xi Hang Cao (SW), Julien Cercillieux (ME), Dan Fong (SW), Eric Jordan (SW)

**Not Pictured:** Christian Daoud (ME), Ibrahim Chebib (HW)  
(Roster read from Left to Right)

Legend:

ST	Structural
ME	Mechanical
EE	Electrical
SW	Software
HW	Hardware
SI	System Integrations
*	Returning Member

Student grade levels: Freshman through Senior



*Ka`imiolakai exits the cave in task #2.*