

STONY BROOK ROBOTICS TEAM

Stony Brook University | Stony Brook, NY, USA

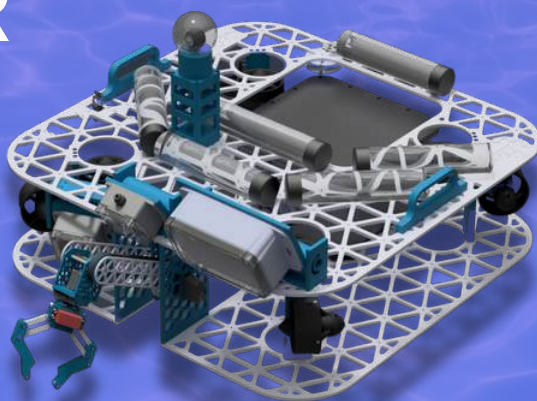
Estimated Travel Distance: 900 miles

First Year Competing in MATE ROV

AETHER

ROV Specs:

Total ROV Cost: \$9,000
ROV Length: 92 cm
ROV Width: 75 cm
ROV Height: 32 cm
ROV Weight: 24 kg
Build Time: ~2,000 hrs



SAFETY FEATURES:

Main fuse, Thruster guards, Telemetry reported in GUI, Internal leak sensor, Easy to grab handles, Custom grommets for cables

SPECIAL FEATURES:

Custom PCB's, Modular frame, Multi-axis PID, Robust aluminum chassis, Low latency camera streams



TEAM MEMBERS | UNDERGRADUATE FRESHMEN-SENIORS

William Stewart.....Team Advisor

Daniel Langer.....Chief Executive Officer

MECHANICAL

Arash Khan.....Team Lead

Calvin Wu.....

Charlene Chen.....

Daniel Lu.....

Enkhlen Duinkharjav.....

Kazi Abthahi.....

Viven Jiang.....

ELECTRICAL

Daniel Kapriylov.....Team Lead

Logan Diep.....Subteam Lead

Adam Rocanova.....

Andy Lam.....

Arhaam Hossain.....

Dylan Li.....

Eric Yang.....

Vincent Tan.....

SOFTWARE

Ruthvick Bandaru.....Team Lead

Mandy Tang.....Team Lead

Adam Feng.....Subteam Lead

Giovanni Terefi.....Subteam Lead

Brady Wynn.....

Derrick Ma.....

Karamat Hassan.....

Manasvi Bhattnagar.....