

STOCKBRIDGE

GOLD TEAM

STOCKBRIDGE, MI 49285

Company Specs:

Kael Bunce: Freshman, new member, wants to be an engineer.

Jake Chapman: Senior, returning member, will be attending Oakland University to study political science.

Colin Lilley: Junior, a returning member, wants to study electromechanical engineering.

Madi Howard: Junior, a returning member, wants to study biomedical engineering.

Faith Whitt: Junior, a returning member, wants to study biomedical engineering.

Michelle Zemke: Sophomore, a returning member, wants to study forensic science.

Distance to internationals: 2,340 Miles

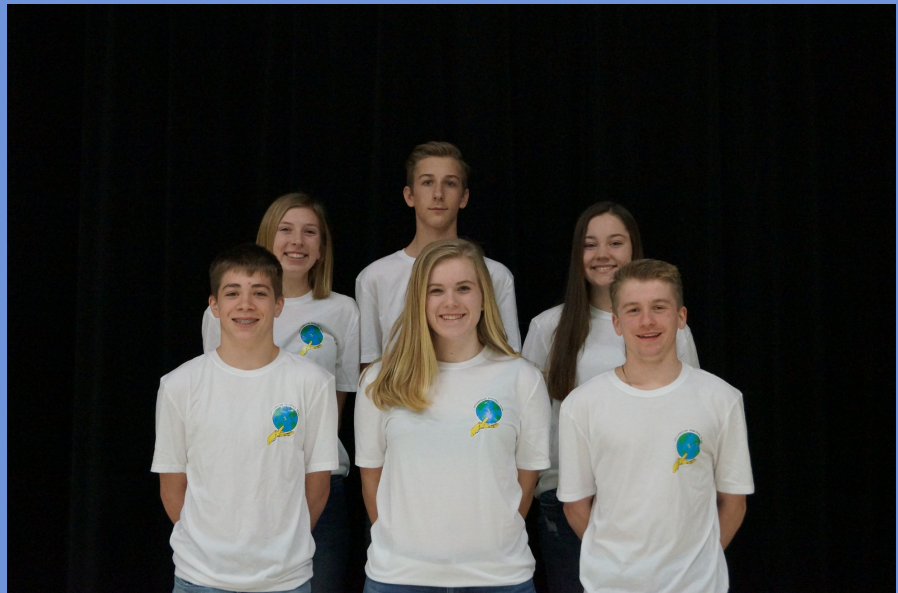


Photo taken by: Kelly Cool

Back: Faith Whitt: CFO, Colin Lilley: Pilot,
Madi Howard: Design Engineer
Front: Kael Bunce: Engineer, Michelle Zemke:
CEO, Jake Chapman: Chief Media Executive

ROV Specs:

ROV Name: The Flounder

Cost: \$3,362.50

Size: H: 42 cm, L: 33 cm, W: 30 cm

Weight: 10 Kg

Student Hours: 1,056 hours

Safety Features: Protective motor shrouds, rounded edges, safety stickers, & a kill switch.

Special Features: SEACON connectors, lateral thruster, pan/tilt camera, detachable tether, custom user interface, acrylic housing, & 3-D electronic board.

ROV Overcurrent Protection
(empirically measured)

Five Motors @ 1.9A = 9.5A

Four Servos @ .8A = 3.2A

One Camera @ .25A = .25A

Total Amps: 12.5A x 150% = 19.45A

ROV uses 25 Amp Fuse

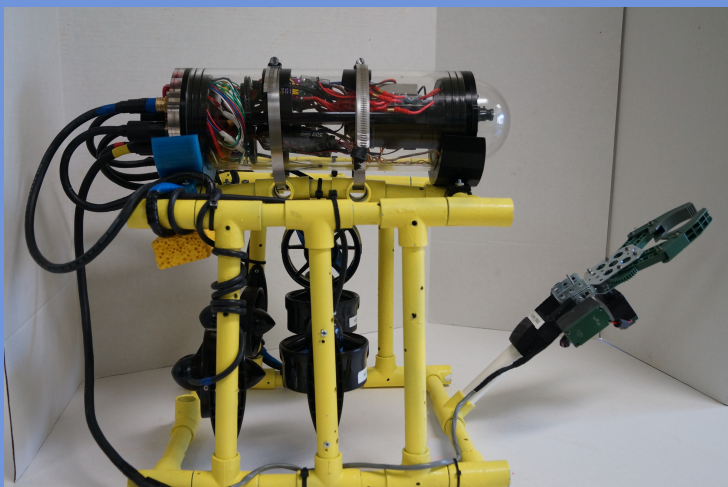


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