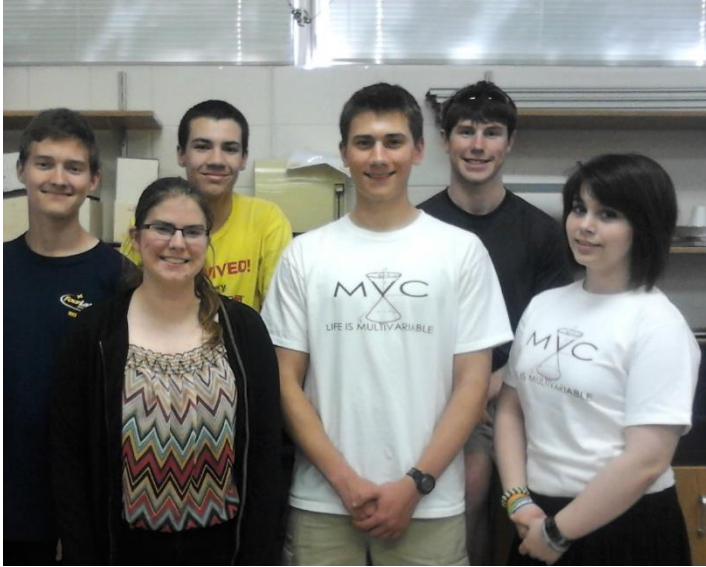


AquaTech Innovations

Naperville North High School
Naperville, Illinois



Starting from left:

Stuart Houston (CFO, Tether Chief);
Julie Ozols (CEO, copilot);
Dylan Coupe (fabrication specialist, navigator);
Isaac Heine (Lead Engineer, Pilot);
Konrad Hausman (Safety Technician, Tether Assistant);
Cari Cesarotti (Chief Information Officer, Tether Assistant)

AquaTech Innovations Information

Employees:

Isaac Heine – Will attend Northwestern University, Evanston, IL. Fall, 2013, mechanical engineering
Julie Ozols – Will attend University of Illinois at Urbana-Champaign Fall, 2013, mathematics/education
Dylan Coupe – Exploring universities, exploring options in engineering
Konrad Hausman – Will attend University of Idaho, Moscow, ID. Fall, 2013, mechanical engineering
Stuart Houston – Exploring universities, exploring options in engineering
Cari Cesarotti – Will attend Cornell University, Ithaca, NY. Fall, 2013, computer science

Distance to Competition: 2770 km

Competition History: This is AquaTech's second year in production, and its first year at MATE's International ROV competition. Isaac Heine is the only returning member with all others being new to the competitions. Isaac Heine, Konrad Hausman, Julie Ozols, and Cari Cesarotti are seniors, while Stuart Houston and Dylan Coupe are juniors this year and will return next year as seniors.

ROV Information

ROV Name: SEAKER Agility-6
Total Cost: \$986.11 USD
Primary Materials Used: ½ inch PVC pipe
Approximate Dimensions: 72cm X 66cm X 36cm
Mass: 7.4 kg
Safety Features: covers on sharp edges, 25 A Fuse, Enclosed motors, Propylene tether rope, waterproofed electronics.
Special Features: Two bilge pump motors oriented on each axis controlled by a total of five double-pole, double-throw switches; Ability to strafe, pitch, and turn in place; One camera for driving and operating forward attachments and one camera for operating a swinging hook-arm that hangs below the ROV.

