

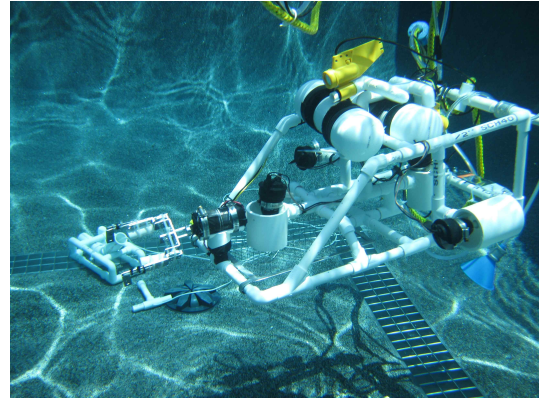
Sidwell Friends Robotics Company Spec Sheet

Company name: Sidwell Friends Robotics

Home State: District of Columbia

Distance to International Competition: 2,271 kilometers

History with MATE ROV: This is our school's first year competing with MATE ROV. No one on our team has prior experience with the competition.



(Left to right), (front) Evan Brown, Jesse Pollak, Raymond Jacobson, Gayatri Das Gupta, Darby Thompson, (middle) Chris Dock, Alejandro Alderman, Chitti Raju, Ariana Eisenstein, Seth Drew, Paul Phelps, Rodrigo Lopez-Uricoechea, Cecelia Auerswald, Guy Wilson, Isaac Dykeman, Maxim Baranov, Chris Meyerhoff, Alex Cox, Meredith Stabbe, (back) Nora Kelsall, Colin Kelsall, Harry Webb, Jack Borthwick, Sam Stevens, George Wojcik, Chris Lu

Sidwell Friends Robotics Team, Grades 9-12

CEO: Alejandro Alderman **CFO:** Samuel Stevens **Outreach:** Chris Lu

Design Engineers: Isaac Axtmann, Danny Baker, Jack Borthwick, Alex Cox, Seth Drew, Isaac Dykeman, Ariana Eisenstein, Neema Ghavimi, Colin Kelsall, Nora Kelsall, Matthew Kim, Chris Meyerhoff, Chitti Raju, Harry Webb, Guy Wilson and Albert Xie

Programming Team: Evan Brown, Rodrigo Lopez-Uricoechea and Jesse Pollak

Pilots: Alejandro Alderman, Maxim Baranov, Evan Brown, Rodrigo Lopez-Uricoechea and Jesse Pollak

Website Developers: Raymond Jacobson and Justin Lau

Research and Development: James Atschul, Maxim Baranov, Chris Dock, Jamal Maddox, Paul Phelps and George Wojcik

Public Relations: Cecelia Auerswald, Meredith Stabbe and Gayatri Das Gupta

Faculty Mentor: Darby Thompson

ROV SPECS

ROV Name: N.A.R.W.H.A.L.

Total Robot Cost: \$713.32

Primary Construction Materials: Schedule 40 PVC pipe, bilge pumps

Approximate Dimensions: Length: 63.6 cm, Height: 25.4 cm, Width: 36.83 cm

Weight: 9.07 kg

Safety Features: PVC propeller covers, 20-amp fuse and circuit breakers in wiring, filed down metal edges

Special Features: Waterproofed Tetrax motor with two-pronged claw, pressure sensor and water sample collector, rat traps, carabiner mount