



--- Company Specification Sheet ---

Wave Co. (Company ID: 0200A)

Embry-Riddle Aeronautical University – Daytona Beach, Florida, USA
(Driving distance of 4,313 km (2,680 mi) to competition)

Company Specs: This is the company's third year at MATE ROV, and its first year in Explorer Class, having competed in the 2024 and 2025 World Championships in Pioneer Class. Our current team is comprised of freshmen, sophomores, juniors, and seniors, but we are also open to graduate students.



From left to right: [Top Row] Nicole Motta* (Media Manager, 3), Gabriella Anguiano (Mechanical Lead, 2), Madison Warner (Mechanical Team, 3), Wyatt Reinke* (CFO, 1), Adam Ahmad* (Software Lead, 2)

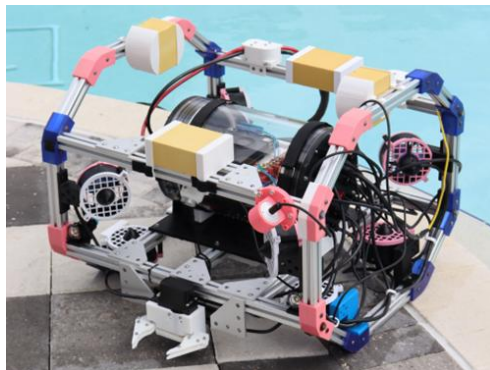
[Bottom Row] Robert Thibodeau (Mechanical Team, 4), Justin Yocum (Safety Officer, 4), Mark Thompson (CEO, 4), John McSwiggin (Pilot, 4), Garrett Lynn (Training Officer, 4)

[Not Pictured] Nicolas Chamberlain (Mechanical Team, 4), Bianca Gerity* (Software Team, 2), Isabella Janowski* (Software/Mech. Teams, 1), Sirio Jansen-Sanchez (Software Lead, 4), Garrison Ottolini (Mechanical Team, 4), Andrew Thummel* (Mechanical Team, 4), Tyler Wharton* (Mechanical Team, 2)

***New members for this year's competition**

The number after each member's role represents grade level, where 1 = Freshman, 2 = Sophomore, etc.

ROV Specs:



Name – MAKO (Modular Aquatic Knowledge Obtaining Unit)

Total Cost – \$10,166.13

Size – 612 mm x 701 mm x 490 mm

Weight – 21.5 kg

Total Student-Hours to Design and Build – 3,900 hours

Safety Features – Thruster guards, PLA frame corner bumpers, and a pool-side arm/disarm switch

Special Features – Modular, metal exoskeleton with simple mounting, modular electronics tray, custom PID stability system, virtual orientation modeling (visible to pilot via 3D model)