

DEVIL FISH ROBOTICS

AT ARIZONA STATE UNIVERSITY

2026 COMPANY SPEC SHEET



TEMPE, ARIZONA,
UNITED STATES



3,182 mi



5,121 km



ST. JOHN'S,
NEWFOUNDLAND,
CANADA

COMPANY SNAPSHOT



Team ID:
Devilfish Robotics



School:
Arizona State University



Location:
Tempe, Arizona, USA



**Years Competing in
MATE:**
First Year



Distance Traveled:
3,182 mi (5,121 km)



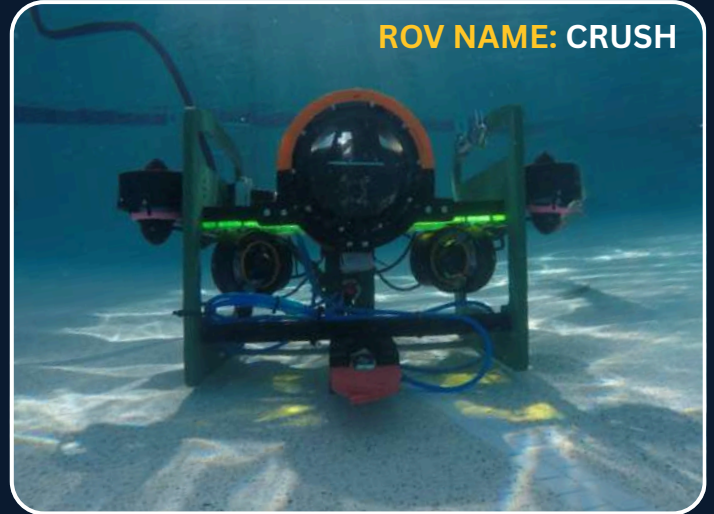
Range of Grade Levels:
First - Fourth Year
Students



(L-R): Mathias Maineri, Steven Dotts, Utkarsh Byahut, Brennan Mai, Erin Garcia

Not Pictured: Shelby Arnold (Mechanical), Sam Dearing (Electrical), Raunak Singh (Software), Manish Chinta (CFO), Nik Patel (Mechanical), Andru Anaya (Mechanical), Ritika Sharma (Marketing)

ROV NAME: CRUSH



ROV SPECIFICATIONS



Total Cost: \$4,477.96 (USD)



Dimensions (L x W x H):

- Base:** 389 mm x 426 mm x 355 mm
- With Claw:** 505 mm x 426 mm x 355 mm



Weight: 13.18 kg



Total Hours Spent: 1,104 hours

Team Members

Electrical:

Steven Dotts, Team Lead, CTO*
Shelby Arnold
Sam Dearing

Software:

Utkarsh Byahut, Team Lead, Pilot
Chung Yin Wong (Johney)
Raunak Singh

Mechanical:

Brennan Mai, Team Lead, CEO*
Manish Chinta, CFO
Erin Garcia
Nik Patel
Andru Anaya *
Mathias Maineri

Marketing:

Ritika Sharma

*Returning members

SPECIAL FEATURES



Pneumatic Actuator Arm
Surface air supply, air switching valves, and strong gripping



8 Thruster Configuration
Allows six degrees of freedom for proper maneuverability



Easy Transport Design
Specially design frames for easy handling

SAFETY FEATURES



Propeller Guards
(IP20 Standard)



Fully Waterproofed Electronics



Modular Frame Design
Lightweight, durable, and easily portable



Braided Tether Strain Relief
Reduces tether stress



Waterproofed Electronics
Sealed enclosure

ACKNOWLEDGEMENT

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3Dconnexion

