2026 Company Spec Sheet

Sequoia Marine Solutions (SMS)

California State University, Fresno

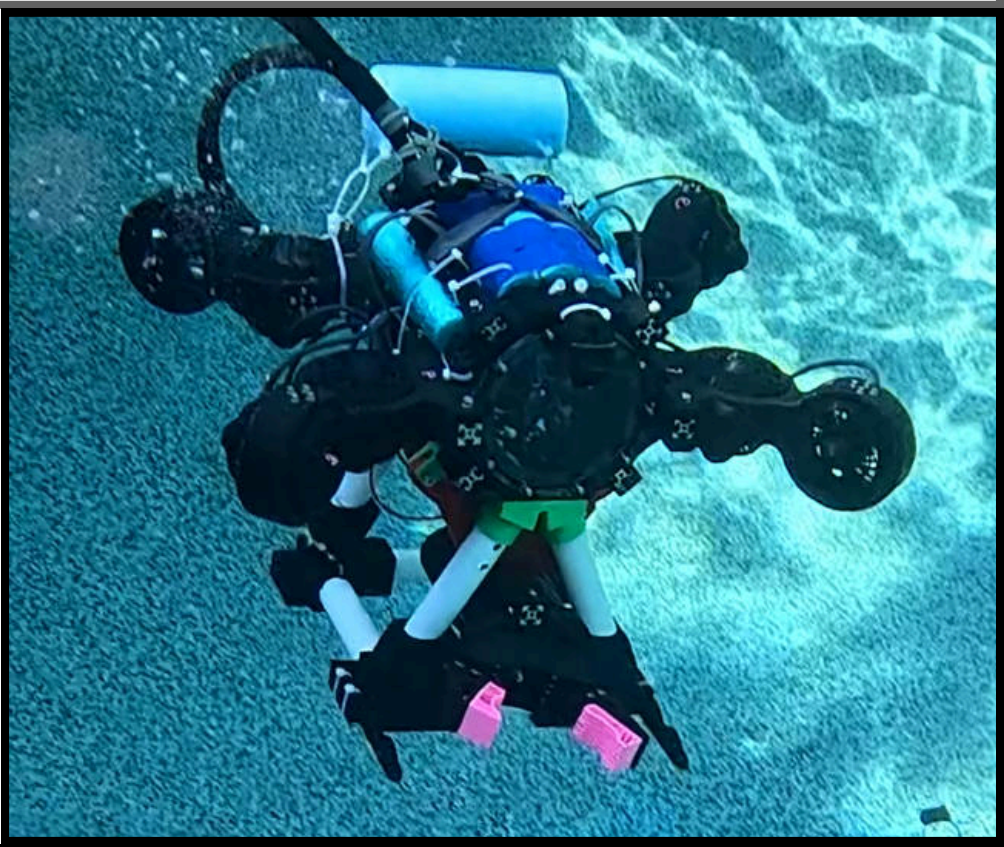
Fresno, CA, United States

ROSIE, the ROV, weighs 16.8kg and measures 44cm in height, 61cm in width, and 53cm in depth.

As of 21.5.2026, SMS has spent 4,647 students hours and approx. $3,500 USD in development of the ROV.

ROSIE's special features include custom harpoons, tether strain relief, a multi-point vision system, and overall modularity.

The safety features include thruster and manipulator shrouds, T-slot rail safety caps, and rounded edges.





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Jaime Jaurigue (Financing)
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Jonathan Camarena (Float)
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Timothy Cromwell (COO)
Tony Garcia (Chassis)
Will Junnila (Manipulators)
Wyatt Grogan (Float)

SMS is a team of undergraduate students, ranging from freshmen to seniors competing for the first time in the MATE ROV Competition. SMS's competitive team is traveling approximately 3,740 miles to compete.