



Aptos High School
100 Mariner Way
Aptos, CA 95003

APTOS MARINERS ROBOTICS, LLC

“Experts in Environmental Research and Recovery”

Company Profile

Company's third year participating at MATE Internationals
First year for all but one team member
Travelling 2,300 miles
Consisting of high school sophomores, juniors, and seniors



Our Team *(clockwise from bottom right)*

Chris Randolph	CEO
Michael Sheely	CTO
Joe McMinn	Mechanical Engineer
Brad Cole	Mechanical Engineer
Serena Calcagno	Electrical Engineer
Charisse Hardin	Director of Marketing
Kayla Zolinski	Software Engineer
Bailey Da Costa	CFO

Our Product

ROV Name:	The Predator
Development Cost:	\$2480
Primary Structure:	Aluminum
Weight:	7.4 kg
Dimensions:	Length: 46.9 cm Width: 34.3 cm Height: 29.2 cm
Speed:	Vertical: 0.75 m/s Lateral: 0.65 m/s
Safety Features:	Frame corners smoothed, Shrouds around motors, Electronic thermal protection, Reverse voltage buzzer, Control box fuse, Emergency kill switch

Special Features: Ergonomic controller,
Proportional motor control,
Electronic compass,
High reliability pneumatics,
Proboscis, Claw, and SSD

