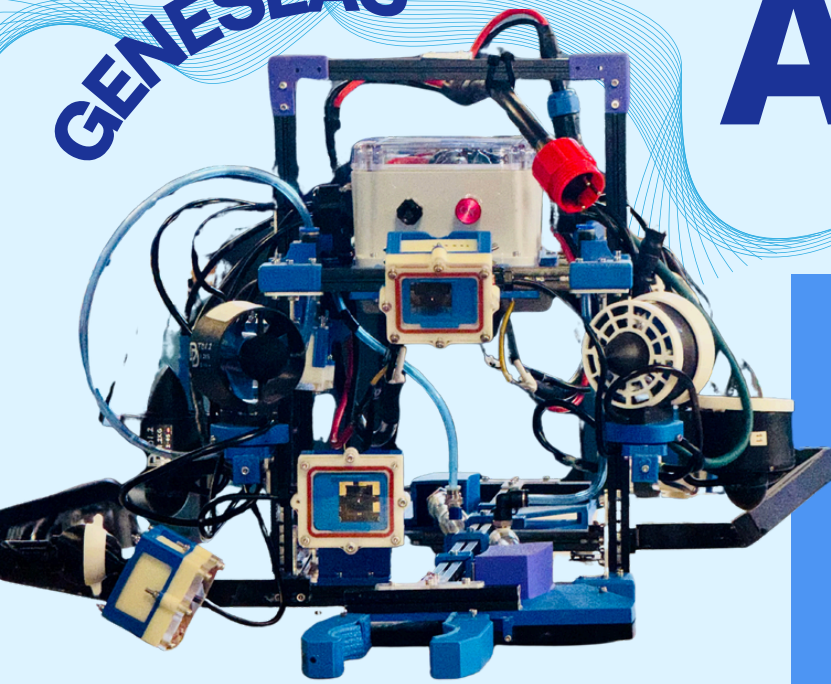


GENESEAS

AURELIA

83 CM X 42 CM X 37 CM | 8.6 KG
\$3,279.47 USD | 5382 HOURS



GENESEAS 2026 TEAM MEMBERS

LEADERSHIP TEAM: YOGJA SINGLA** '26 (CEO), LAILA SHAMSHAD** '26 (ELEC LEAD), KATE HWANG** '27 (TOOLS LEAD), KATIE KOO** '27 (MECH LEAD)

ELECTRICAL: ELIZABETH SYLIN* '28 (LEAD), CHLOE SANTIAGO* '28, HAYLYNN LEE* '28, VANESSA ONG* '28

TOOLS: EVA BUGATTO* '28, AMELIA CASTROCHAMBERS* '28, ARIANNA CROWE* '28, MIYA MENZA* '28

MECHANICAL: MINNA BRINDLE** '27, GABRIELLE MAHLMANN* '28, AUDREY ELLIS* '28, DESLYN GALANG* '28

FLOAT: ALEXA MENDOZA* '28 (LEAD), RAHAEL KOCHERRY* '28, SOPHIA JUSTO* '28

SOFTWARE: CYNTHIA KLEIN* '28 (LEAD), SONA PRASAD** '26, ANGELYN GONZALES** '27, ANGELA MILES* '28, AARNA BAHUGUNA* '28

**RETURNING MEMBERS

*PREVIOUS MATE ROV COMPETITORS, BUT NEW GENESEAS MEMBERS

SAFETY FEATURES:

THRUSTER GUARDS:

Custom 3D-printed thruster guards protect personnel by preventing contact with propellers during operation.

EMERGENCY POWER-OFF SWITCH:

A power-off switch allows for easy shutdown of ROV to ensure deck crew safety during emergencies.

ALUMINUM STRAIN RELIEF MOUNT:

Mount secures tether to the ROV frame, reducing stress on electrical connections and preventing cable damage.

SPECIAL FEATURES:

SERVICEABLE THRUSTER MOUNTS:

Custom 3D-printed, snap-fit thruster mounts. Thrusters are easily installed and removed. Improves safety and offers rapid repairs and replacements.

CUSTOM CAMERA USB HUBS:

Custom camera USB hubs. Reduces wiring, provides per-camera power cycling, reduces debugging time while increasing ROV camera capacity.

SIX CAMERA VISION SYSTEM:

Six 170° digital cameras encased in custom resin-printed enclosures with acrylic lenses. Provides pilots with clear, dependable visibility for navigation and mission execution.

CUSTOM PCBS:

Custom printed circuit boards optimize the ROV's electrical system through compact design and efficient onboard processing.

ST. FRANCIS HIGH SCHOOL

SACRAMENTO, CA | 5,504 KM TRAVELED

MATE PARTICIPANTS SINCE 2019