



# ALVIN 2

LAKWOOD HIGH SCHOOL

*Carlo Soldevilla (grade 10), Vanessa J. Reina (grade 9), Vance Howard (grade 9). Aubrey Yuen (grade 10). Caitlin Sau (grade 9), Matthew Cálcanas (grade 10), Miguel Gonzalez (grade 12), Carlos Vergara (grade 12), Luis Rocha (grade 12), Alan Wang (grade 12). All members are new to Internationals and are from Lakewood High School in Lakewood, California.*

**Total ROV Cost:** \$976.04

**Approximate Dimensions:** 49cm x 36cm x 36cm

**Weight:** 7.5 kilograms

**Distance Traveled:** 2,400 miles round trip

**Total Trip Cost:** \$3,400.11

## Safety Features

- Neatly bundled wires
- Electric tape wrapped around sharp edges
- Zip ties trimmed down
- Wings to prevent motor collision with pool wall

## Special Features

- Air pressure claw
- Ferrous matter collector (magnetic arm extension)
- Crabbing motor
- Air ballasts

Our completed ROV, *Alvin 2*

CEO: Carlos Vergara

CDO: Alan Wang

Chief Pilot: Vance Howard

Engineering Specialist: Miguel Gonzalez

Co Engineer: Carlo Soldevilla

Flight Surgeon: Luis Rocha

Communication Specialist: Aubrey Yuen

Instructor/Mentor: Allen Glover

CFO: Matthew Cálcanas

R&D/Media specialist/Treasurer: Vanessa J. Reina & Caitlin Sau