rovotics
underwater solutions

MATE

JESUIT HIGH SCHOOL 19 IHS 63 SACRAMENTO

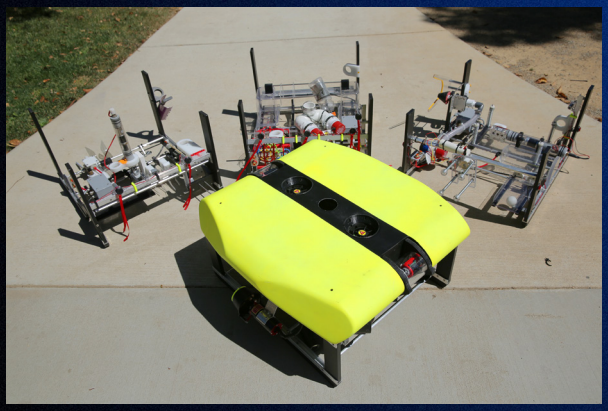
stingray

Jesuit High School

Information

Origin- Carmichael, Califronia
Distance Traveled- 7240 km
Total Cost- In progress, estimated $12,800
Safety Features-
- Water and humidity sensors in electronics housing and software alerts detect and inform of leaks
- Bright yellow bouyancy for higher visibility
- Tether is sheathed for protection and has a strain relief to protect connectors

Special Features-
- Three specialized frames for extreme water conditions
- Two electronics housings separate communication and power
- Point/Tilt/Zoom "PTZ" cameras allow optimal operator field of veiw



Stingray with 3 Specialized Frames

Rovotics 2015

Members (new members denoted by *)	Grade
Alexander Aprea (Programming Lead)	12
Jared Borg (Manufacturing Lead)	12
Ryan Kenneally (Lead Technical Writer, Engineer)	12
Ben Byers (Electronics Lead)	11
Patrick "Shea" Horan (Engineer)	11
Collin Meissner (CEO)	11
Killian Randle (CADD Lead)	11
Riley Unter (Engineer)	11
Carson Black (Publication Design Lead)	10
***Andrew Chang** (Electrical Engineer)	10
***Nick Ellis** (Electrical Engineer)	10
Cassidy Nguyen (Electrical Engineer)	10
Matthew Kiyama (Engineer)	10
Sam Kreifels (CNC Opterator)	10
***Drake Charamuga** (Engineer)	9
***Sam Paragary** (Engineer)	9
***Risheek Pingili** (Programmer)	9
***Gavin Remme** (Head of Safety)	9

Mentors: Rolf Konstad, Jay Isaacs