SPECS 2019

SAFETY FEATURES

SMART SOFTWARE
Monitors ROV status for irregularities and warns users

ON-BOARD ROV SENSORS
Humidity and Temperature Sensors for Critical Systems Monitoring

ADVANCED TCU
Access Voltage, ROV Status, and Other Data Easily and Safely

SHEATHED TETHER
Protects the ROV Power, Pneumatics, and Communications Lines

ONE CLICK ON AND OFF
Ensure Deck Crew Safety With Easy Shutdown of ROV

TEAM MEMBERS

'22 - Dylan Charamuga* - Software
'22 - Charlie Diaz* - Mechanical
'22 - Taylor Vicente* - Mechanical
'21 - Alden Parker - Software Lead
'21 - Andrew Chin - Electronics
'21 - Avery Gonsalves - Electronics
'21 - Andrew Grindstaff - Software
'21 - Luke Rosellini - Mechanical
'21 - Joe Watanabe - Mechanical Lead
'20 - Jaiveer Gahunia - Software
'20 - Michael Equi - CTO
'20 - Caelin Sutch - CEO
'19 - James Monroe - Mechanical Design
'19 - Hayden Kaufman - Electronics Lead
'19 - Adam Graham - Software Vision
'19 - Austin Law - Integration Lead
'19 - James WhitcombWeston - Mechanical
Jay Issacs - Head Coach
Steve Kiyama - Assistant Coach

* New Members

COMPACT SIZE
Our Smallest ROV Yet: 30cm x 58cm x 58cm

MODULAR FRAME
Bottom tool grid system and railbar frame for easy adjustment

ROS Architecture
Modular and Reliable Robot Operating System

AUTONOMOUS FEATURES
Image Recognition, Autonomously Movement

JESUIT HIGH SCHOOL
TOTAL COST: $4,060
CARMICHAEL, CA
TOTAL MAN HOURS: 4,200

DISTANCE TRAVELED: 2543 MILES

Jesuit Robotics Team Members

Rovotics Team Members

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JESUIT ROBOTICS
ROVOTICS
JESUIT HIGH SCHOOL ROBOTICS