

# The Corporation of Offshore Reconnaissance and Polar Submersion

## (The C.O.R.P.S)



S.T.E.M Early College High School

San Antonio, Texas

Distance from Competition- 2,157 mi

Grade Range- 10<sup>th</sup> to 12<sup>th</sup>

### **The Product**

ROV Name: General

Primary Material: Ultra High Molecular Weight Polyethylene (UHMW)

Total Development Cost: \$789.79

Overall Member Hours: 836

Size Measurements: 45.72 cm x 34.54 cm x 22.23 cm

Weight Measurements: 3.98 kg dry weight, 1.07 kg wet weight

### **Safety Features**

Rounded off edges

Motor Shrouds

Bright Colored Potentially Hazardous Parts

### **Special Features**

Hydraulic Manipulators

### **Company Members (from left to right):**

Daniel Benavides Jr.

(3<sup>rd</sup> year, Chief Executive Officer)

Penelope Pongpiachan

(2<sup>nd</sup> year, Chief Administrative Officer)

Noah Johnson

(3<sup>rd</sup> year, Pilot)

Emma Garza

(2<sup>nd</sup> year, Chief Marketing Officer)

Carlos Macias

(1<sup>st</sup> year, Chief Financial Officer)

Omar Arredondo-Martinez

(3<sup>rd</sup> year, Head Engineer)

Roy Amaya

(1<sup>st</sup> year, Electrical Engineer)

Olivia Garcia

(1<sup>st</sup> year, Mechanical Engineer)

Epi Flores

(1<sup>st</sup> year, Chief Safety Officer)

Julia Calderon

(1<sup>st</sup> year, Research and Development)

