



FOY H. MOODY HIGH SCHOOL

CORPUS CHRISTI, TEXAS

HYDROTECH ROBOTICS



Top Row Left to Right:

Nishan Sabbagh- CEO 1st year

Ben Galicia- Pilot 1st year

Catalina Gonzalez- Safety 1st year

Robert Gonzalez- Co-designer 1st year

Blaze Cruce- CFO 2nd year

Bottom Row Left to Right:

Karla Gonzalez- Co-reporter 1st year

Ariel Saldaña- Co-reporter 1st year

Carlos Vasques- Co-designer 1st year

Company Information:

Traveled 1,670 miles to Alpena,
Michigan

Moody High School has been an
active participant of MATE for 4
years

ROV specifications:

Name: The Gyarados

Total Cost: \$354.50

Primary structure: PVC pipe

Dimensions: 75*62*34 cm

Safety features:

Covered electrical connections, 15
amp fuse, motor guards for
propellers, smooth edges throughout
ROV

Key Features:

Rotating Claw manipulator, Active
Buoyancy system, Agar extractor,
Sonar measurement system, Color
Camera, Conductivity Sensor,
Adjustable Motor Control

