



NEMO I



Crusader Robotics “A Crusade For a Better Tomorrow”

Brother Rice High School - Chicago - Illinois - USA

Safety Features:

- Thruster shrouding
- 25 amp fuse
- Claw defaults “open”
- Tether strain relief
- Single-Hand Lift Bar

ROV Size and Weight

- Weight - 9.1kg
- Size (H/L/W) - 42cm x 81.5cm x 47cm



Special Features

- Two color cameras with LED lights
- Claw with 2 teeth
- Strafe function
- “Closed” topside control box design



Cost, Labor and Travel

ROV Cost - \$1131.51

Total Student Hours - 568

Distance Traveled - 1001 miles

Crusader Robotics Team

Alex Novak 12 - Chief Executive Officer

Michael Arundel 12 - Chief Executive Officer

Aydan Tetrev 12 - VP of Electrical Engineering

Peter Connolly 12 - VP of Mechanical Engineering

Troy Bever 12 - VP of Mechanical Engineering

*Nick Morrin 12 - VP of Coding

Andrew Hoefler 12 - Chief Pool Technician

*Elijah Lemay 11 - Lead Fabricator

*Andres Andrade 11 - Lead Fabricator

*Jack Tadevich 11 - Fabricator

Nicholas Smolek 11 - Fabricator

*Daniel Hernandez 11 - Fabricator

*Bobby Gilligan 11 - Fabricator

Oscar Roa 10 - Prop Fabricator

John Kruder 10 - Prop Fabricator

*James Lapenas 10 - Prop Fabricator

Derek Van Dyke - Club Mentor

* (Denotes new member)