

ZO₃ Robotics Spec Sheet

Company Name: ZO₃ Robotics

School Names: Ozaukee High School and Oostburg High School

Location: Fredonia, WI and Oostburg, WI (3200 km from Seattle, WA)

History of MATE ROV Competition:

- Ozaukee has participated since 2010
- ZO₃ Robotics placed first at the 2012 International competition
- ZO₃ Robotics has 3 returning members and 13 new members

Members:

- CEO: Kaelyn Griffin - Returning 12
- Business: Rebecca Paulus - New 11, Elizabeth Weidert - New 11, Ben Conine - New 10, Mark Shininger - New 10
- CAD Designer: Evan Lallensack - Returning 10
- Electrical Engineer: Zachary Vogt - Returning 10
- Mechanical Engineers: Jacob Dulmes - New 11, Ian Ecclestone - New 11, Alexandra Green - New 12, Bryan Lammers - New 11, Roman Katzer - New 11
- Course Engineers: Jason Kunstmann - New 10, Jacob Wagner - New 10
- Technical Writers: Matthew Stokdyk - New 11, Andrew Richter - New 11
- Coaches: Terry Hendrikse, Randy Vogt, Dustin Richter
- Business Mentor: Terence Browne



Grade Range: High School Sophomore - Senior

ROV Name: Nemo

Total Cost: \$8500

Primary materials: HDPE and 80/20 aluminum

Approximate dimensions: 45.7 cm wide x 38.1 cm tall x 35.6 cm deep

Weight in air: 32 kg

Safety features: Protective motor guards, soft corners, safety stickers

Special features: Multiple “gripper” systems, multi-directional navigation system.

