

# NorthEast Marine Operations

Northeast High School- Philadelphia, PA  
2014 NEMO Spec Sheet

## Team Information

**Prem Patel**  
Lead design engineer

**Cuong Tran**  
Design engineer

**Andy Huang**  
Soldering/wiring

**John Thekkumthala**  
Engineering Notebook

**Shaun Sebastian**  
Design

**Evan Carey**  
Claw

**Jessica Hattina**  
Spokesperson



School: Northeast High School  
School Address: 1601 Cottman Avenue, Philadelphia, PA 19111  
ROV Name: NEMO  
Coach: Carole Niemiec  
Mentor: Ashleigh Niemiec  
Mentor: John Kamal  
Established: 2006  
Driving distance to international competition:  
1319.7 km from Philadelphia, PA to Alpena, MI

## ROV Specifications

Dimensions 55.880 cm x 31.75 cm x 64.770 cm

Primary materials: Single-wall PVC pipe

Safety features: No exposed wiring, all major electronics factory waterproofed

Weight: 4.53 kg

Cost: \$1,089.97

Sensors and Features: 6 motors, claw that can rotate and open to a wide angle, large floats, two cameras,

