

**COMPANY SPECS**

*Company Name:* The Lincoln Group

*Organization/School:* Gahanna Lincoln High School

*Home State:* Ohio

*Distance Traveled:* 418 miles

*MATE Competition Experience:*

- 4 International Competitions in Ranger (2008, 2009, 2010, 2011)
- Great Lakes Regional Competition in Ranger (2011, 2012, 2013, 2014)
- Mix of new and returning members



*(Team photo, from left to right: Victor Moseley, Sibi Sengottuvel, Nathan Moon, Emily Merickel, Andrew Lewis, Daniel O'Grady, Andrew Shannon, Laura Stegner, Diego Quevedo)*

*Age/Grade Range:* Grades 11, 12

**ROV SPECS**

*Name:* Gizmo

*Total Cost:* \$901.88 (\$465.98 for ROV, \$435.90 for controller and interface)

*Primary Materials:* PVC, epoxy, and Lego NXT controller

*Dimensions:* 70 cm x 48cm x 53 cm

*Total Weight:* 10.2 kg

*Safety Features:* Fused, re-designed motor shrouds, self-designed PVC water-proofed electrical connectors, tested to 3 atmospheres of pressure, epoxy-potted breadboards, female connectors on hot side of circuits

*Special Features:* True modularity with easily removable/interchangeable tool packages and motors, Lego NXT control, water-proofed electrical connectors tested to 3 atm., custom Wii Nunchuck controller, 180 degree rotatable camera

