COMPANY SPECS

Company Name: The Lincoln Group
Organization/School: Gahanna Lincoln High School
Home State: Ohio
Distance Traveled: 418 miles
MATE Competition Experience:
- 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 48 cm 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