

2010 MATE ROV Competition

Polar Submersibles

Spec Sheet



Arctic Penguin

Vincent Weibel, Orion Lawlor,
Kaitlynn McKirgan, Kluane Weibel,
James Halliday

Team Name	Polar Submersibles
Home State	Alaska
Distance Traveled	5235 km
Team Participation	4th competition
New Members	Kaitlynn McKirgan
Grade Levels	college sophomore through college Senior
ROV Name	Arctic Penguin
Total Cost	\$438.86 USD
Primary Materials	Aluminum, PVC
Dimensions	61 cm x 48 cm x 28 cm
Mass	7.7 kg
Safety Features	Cowlings on thrusters, low voltages
Special Features	Wide camera viewing angle, USB gamepad control