Corporate Information
Palos Verdes High School
Palos Verdes Estates, CA
Distance to St. John’s, NL: 7,173 km.

Nautilus II Specifications:
Total Cost: $5493.93
Primary Materials: Acrylic, Aluminum, and Polypropylene
Dimensions: 73.5cm length X 57cm width X 37cm height.
Safety Features: 25 amp fuse, Kort nozzle propeller guards, All sharp objects covered, Double O Ring seal, Slight positive buoyancy.
Special Features: PlayStation 2 controller, Arduino microprocessors, polypropylene frame, high capacity Seabotix thrusters, Pololu motor controller, tight turning capability, GoPro Hero 3+ Black Edition Camera.

History of MATE ROV competition participation:
2014 5th Place International MATE Competition, Ranger
2014 1st place Southern California Fly off, Ranger
2013 2nd place Southern California Fly off, Ranger
2012 2nd place International MATE Competition, Ranger
2012 1st place Southern California Fly off, Ranger
2011 Harry Bohm and Jill Zande Sharkpedo Award, Ranger
2011 21st place International MATE Competition, Ranger
2011 1st place Southern California Fly off, Ranger
2010 2nd place Southern California Fly off, Ranger

2015 Ranger Team Organization
Kraig Kreiner, Chief Executive Officer, Pilot
3rd yr., Class Of 2016
Dennis Smalling, Company President
4th yr., Class Of 2015
Mark Caropino, Chief Technical Officer
4th yr., Class Of 2015
Chandler Jones, Lead Mechanical Engineer
3rd yr., Class Of 2015
John Robertshaw, Lead Electrical Engineer
3rd yr., Class Of 2016
Nick Vlaco, Lead Communication Officer
3rd yr., Class Of 2015
Lucas Allen, Safety Engineer
3rd yr., Class Of 2016
Joshua Magid, Lead Software Engineer
2nd yr., Class Of 2017
Aaron Trell, Lead Mission Analyst
3rd yr., Class Of 2016
Grant Vanderdonck, Financial Officer
3rd yr., Class Of 2016
Brian Smalling, Assistant Mission Analyst
1st yr., Class Of 2018
Shane Sharp, Design Integration
3rd yr., Class Of 2016
Jacob Criss, Arctic Environmental Engineer
1st yr., Class Of 2016
Shaun Sidhu, Mechanical Engineer
3rd yr., Class Of 2016
Brock Pennington, Mechanical Engineer
1st yr., Class Of 2016
Max Ebling, Mechanical Engineer
1st yr., Class Of 2016
Casey Jo, Systems Engineer
1st yr., Class Of 2016
Jack Lynch, Operations Engineer
1st yr., Class Of 2016