

## Company Specs: Triton Technologies

Palos Verdes High School: Team RED, [Palos Verdes Institute of Technology]

Palos Verdes Estates, California

**Distance to Houston, TX: 2518 km**

### History of MATE ROV competition participation:

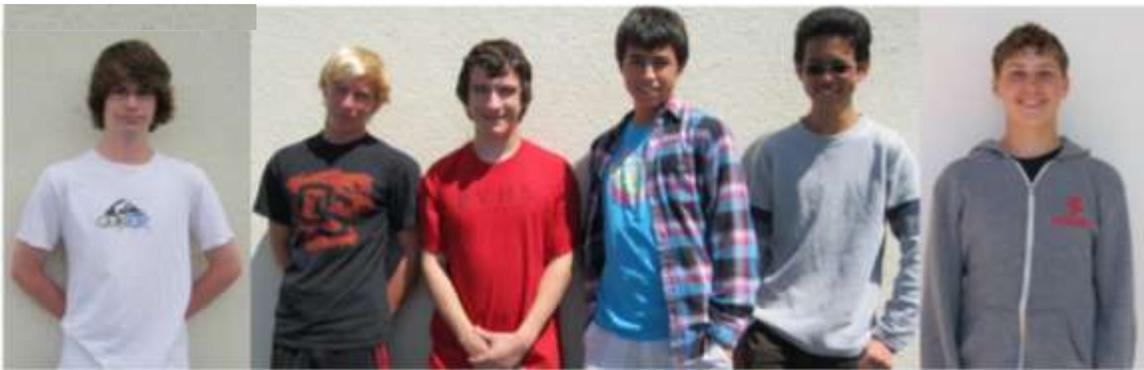
2008: Won the Southern California Fly Off. Participated in the MATE International Competition in San Diego. 2010: Second place Southern California Fly Off.

### Staff:

Returning Members: Keith Kreiner, Anthony Bacalja, Kevin Ly

New Members: Michael Konrad, Terren Krietzman, Scott MacDonald

All high school sophomores, expected to graduate in June 2013.



2011 Trident Technologies: (from left to right) Michael Konrad- Oceanography Consultant and Vice President of Mental Health Department; Keith Kreiner- CEO and Head Electrical Engineer; Anthony Bacalja- Head Mechanical Engineer, Designer and Fabricator; Terren Krietzman- Builder, Videographer, and Mechanical Designer, Vice President of Technical Report; Kevin Ly- President of Technical Reports, Photographer, CFO; Scott McDonald- Builder, Head of Props.

### ROV Specs: The Kraken

Total Cost: \$1000. Materials purchased by 2011 team: \$800; donated Pelican case: \$100 value.

Primary materials used: PVC pipes, wires, motors

Approximate dimensions: 83 cm length, 46 cm width, 28 cm height

Weight: ROV only is 8 kg; ROV plus cable & control box is 25.6 kg

Safety Features: 25 amp fuse, propeller guards, control cable has rope integrated

Special Features: Up and down controls variable speeds

