

DEEP OCEAN

ENGINEERING

June 30, 2022

QUARTERLY DEEP DIVE

PHANTOM L6 TESTING

This past month we went to Richmond Bay to test a customer's L6 vehicle as a part of our factory acceptance process before shipping it out. The Phantom ® L-series is an inspection class underwater ROV, designed to be applicable in a wide array of industries, with or without tool packages, such as surveying and dam and infrastructure inspections. It is built with four vectored horizontal and two vertical Tecnadyne ® thrusters, which allows for precise control and propulsion in current.



Before the in-water testing, we do a pre-dive check of the vehicle to make sure that everything is functional. Some important parts that we focus on are the: thrusters, flotation, cables/whips, and sealing surfaces. After everything looks good during the pre-check, launch and start the wet/operational test.

During the actual test, we test all functions: thruster, lights, and camera function, any addons, and software compatibility. Everything looked good and ran well with the L6 thanks to the hard work of our engineering team. It was overall a very successful day for testing. You can find a video of the L6 in action [here](#).

The Phantom ® L-series is a versatile vehicle. Built on an open platform, it is easily customizable for any addons a customer may want for the job they need to get done. Find out more about the L6 and our other vehicles on our [website](#).

HYDROVISION INTERNATIONAL



Hydrovision International is the largest gathering of hydro professionals worldwide. Join attendees and exhibiting companies from around the world for a week of informative hydropower-focused meetings, workshops, tours, an extensive program and exhibition. HYDROVISION International highlights perspectives on the role of hydropower, explores issues affecting hydro resources, and helps participants develop a vision to meet challenges and ensure the future sustainability of hydro. Find out more about Hydrovision on their **website**.

Hydrovision 2021 was unfortunately cancelled and rescheduled to July 12 - July 14 of 2022 due to the pandemic. Deep Ocean will be attending this year so come check us out at booth 613! Hope to see you there!

RECIPE OF THE SEASON

Shrimp Pesto Pasta

Edward from marketing here again with another tasty recipe! This time we'll be making shrimp pesto pasta, a great summer dish that's both light and delicious. Here's everything you'll need to make this amazing dish:



Ingredients:

- 4 cup loosely packed fresh basil
- 1/4 cup toasted pine nuts
- 4 garlic cloves, 1 crushed 3 chopped
- 1 1/2 tsp. kosher salt
- Black pepper to taste
- 1/3 cup and 2 tbsp of olive oil
- 1/2 cup grated parmesan cheese
- 1 lb. spaghetti
- 1 bunch of asparagus, trimmed and cut into 1 1/2 in. pieces
- 1 lb. large shrimps, peeled and deveined

Directions:

1. Pesto: Combine the basil, pine nuts, crushed garlic clove, 1 teaspoon salt and a few grinds of black pepper in a blender or food processor and pulse. Scrape down the sides. Add 1/3 cup olive oil in a steady stream to make a smooth paste. Add the parmesan and pulse to incorporate. Set aside.
2. Bring a large pot of salted water to a boil. Add the spaghetti and cook according to the package directions for al dente. Reserve 1 cup cooking water, then drain the spaghetti.
3. Heat the remaining 2 tablespoons olive oil in a large skillet over medium- high heat. Add the asparagus and cook, tossing, until bright green, about 2 minutes.
4. Add the shrimp and season with the remaining 1/2 teaspoon salt and a few grinds of pepper. Cook, tossing, until the shrimp is just cooked through and the asparagus is just tender, 3 to 4 minutes. Add the chopped garlic and toss, about 30 seconds. Remove the skillet from the heat. 5 Add the spaghetti, pesto and 1/2 cup of the reserved cooking water to the skillet and toss well to coat, adding up to 1/2 cup more cooking water if needed. Serve with parmesan.

Have a Deep Ocean Engineering ROV or USV?

Support Team

We provide a lifetime of dedicated customer service and support. Contact our support team for field assistance, spares/repairs, or upgrades and technical support.

Submit photos or videos of your Phantom ROV or USV to get a special mention by DOE!

**Submit
Media**

COMPANY INFO

Deep Ocean Engineering, Inc.

Based in the Silicon Valley, CA, we continue to build, design, and manufacture the highest quality ROV systems in the world. At Deep Ocean Engineering, we are able to accommodate all of your ROV and USV needs encompassing sales, service, production, instruction and installation of the most advanced systems in the world. We've got you covered above and below the surface.

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Website**



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