

The DeepSea Scrolls

May 2009 - Vol 2, Issue 3

In this Issue

OCEANOGRAPHIC

[LED Matrix light: Whiter, Brighter, and Deeper!](#)

[20"ID Pressure Chamber Simulates Ocean Trench Pressures](#)

[Recent Publications](#)

[Adventure in the Sky](#)

[Visit Us At](#)

BOATING

[Fish & Chips in Avalon Harbor](#)

[Thru-Hull SeaLite® Website Gets Splashy New Look!](#)

[Recent Publications](#)

[See Us At](#)

[Send a story, Get a t-shirt!](#)

WELCOME

At DeepSea, we're looking forward to summer, and a raft of new projects. We've been happily receiving kudos for good products, presentations, and articles. We're grateful for your feedback! Our experience has been that an informed customer is a confident customer.

We hope you'll continue to enjoy reading stories from the field, from friends, and from colleagues of DeepSea Power & Light, maybe even helping write them!

Let us know how we can help you!

Send a story, Get a t-shirt! This newsletter is about you, and we want to hear your stories! Stories with names, faces, and a photo with a glimpse and mention of a DSPL product! Photos should be 4"x6" x 100dpi (min), with a description of somewhere between 50-200 words, more or less. Don't worry about style, we can polish it up if needed, and you'll see it before it goes out. You can see the DSPL t-shirt styles at [our site](#). It'll be on its way with thanks from your friends at DeepSea Power & Light.

[Join our Mailing List](#)

[Forward to a Friend](#)

[Unsubscribe](#)

[Send us an Email](#)

Quick Links

[Boat Lights](#)
[DeepSea Online Gallery](#)
[Boat Lights Gallery](#)

OCEANOGRAPHIC

LED MATRIX light: Whiter, Brighter, and Deeper!



Pouring out the light equal to a 250w Halogen lamp, the new DeepSea LED MATRIX is opening the dark spaces in the ocean for us to see. Part of the LED SeaLite family, the MATRIX is made of all solid-state parts to be highly vibration and shock resistant. Thermal roll back circuitry allows it to be operated in or out of water, while built to handle the pressure at 6,000m. Custom optics provide a beautifully uniform 70° beam angle flood with sharp edge cut-offs. The wide angle flood of the MATRIX complements the medium spot pattern of the LED Multi-SeaLite®.

Comments from end-users give a sense of what 2,600 lumens of cool white light can do for viewing:

"Just wanted to let you know I got the lights Friday and 4 hours after getting the call from fed ex, I was 2100 feet down using the new lights!- they are great, it is so wonderful to have the x-tra illumination and I can see all the careful work that went into the design of these, I'm hoping they last a long, long time- thanks again-," Karl Stanley, Roatan Institute of Deepsea Exploration.

For further information, visit our website for a spec sheet or manual, or contact sales@deepsea.com

[Back to Top](#)

20"ID Pressure Chamber Simulates Ocean Trench Pressures

The long descent to the bottom of the Mariana Trench can take more than 3 hours. But that part is only slightly tougher than getting over the trench in the first place. Before all the effort and expense is made to place an instrument in-situ, it is wise to check out the machine first. Using DSPL's 20-inch ID chamber is one good option. At 48-inches long, with pressures to 20,000 psi, and four feedthroughs, it will hold two 17-inch glass spheres at one time, plus a lot of cable.

Look for our article "Under Pressure: Testing Before Deployment is Integral to Success at Sea", in the February 2009 issue of Sea Technology magazine. You can find a pdf copy at our [website](#). It includes helpful hints for writing a pressure test plan.



[Back to Top](#)

Recent Publication

"Ocean Engineering 101-Anodizing" Ocean News & Technology, April/May 2009. See it on-line at DeepSea's website under "[Technical Library](#)."

[Back to Top](#)

Adventure in the Sky



The Space Shuttle lifts off for orbit.

Megan McArthur, a young friend of DSPL-VP Kevin Hardy, is flying to chase the Hubble telescope across the sky. Megan is a graduate of UCLA and UCSD-Scripps Institution of Oceanography, and now an aerospace engineer-oceanographer-astronaut flying in the Space Shuttle "Atlantis". Invited by Megan to the STS-125 launch, Kevin says he'll wear a DeepSea Power & Light shirt to the blastoff! Go Atlantis!

See the [countdown](#) at NASA's web page

Visit Us At

MTS-IEEE Oceans2009
October 26-29, 2009, Biloxi, MS

[Back to Top](#)

Boating

Fish & Chips in Avalon Harbor



Fish & Chips, a 24' Robalo, slashes the water around Catalina Island with lights that look like jet afterburners. Along with great photos, the owner included the following note:

"I just wanted to write and say that the new lights are amazing! I am really happy with my purchase. I was at Catalina Island over the weekend, and the lights looked great at night."

The owner of *Fish & Chips* took his time to examine the offerings of various underwater light companies at the Miami International Boat Show, ultimately narrowing it down to DeepSea and another manufacturer of high quality underwater lights. After a detailed comparison of both company's surface mount lights, he decided the choice was clear and ordered two of DeepSea's 12 LED On-Hull SeaLites® for his boat.

The response to the new 12 LED On-Hull SeaLite® has been amazing. Since its introduction at the Miami International Boat Show in February, each production run has sold out, including repeat orders from several boatyards. To see more photos of *Fish & Chips*, and other tricked out vessels, visit our [online photo gallery](#) and click on the 12 LED On-Hull SeaLite® link.

[Back to Top](#)

Thru Hull SeaLite® Website Gets Splashy New Look!

Our underwater lights make any boat or dock look terrific. And we wanted to better show your boats off on our [website](#). So our web master, Marvin DeGuzman, applied his collection of digital tools and natural talent to the remodeling job. Take a peek at the mesmerizing slide show on the home page, or use the "Products" quick link to any of our lights or cameras where you can find any Spec Sheet or User Manual.



You can also find manuals under "Information," along with a gallery of photos and videos from happy boat owners.

You can pick-up back issues of the [DeepSea Scrolls](#) or view reprints of DSPL authored magazine articles under "Information/Technical Articles."

Or find a Distributor near you with the drop down menu, "Locate a Distributor." Let us know what you think!

See us at...

[IBEX 2009](#) (International Boat Builders' Exhibition & Conference),
October 12-14, 2009, Miami Beach, FL.

Kevin Hardy, DeepSea Power & Light VP, and **Nigel Calder**, (Calder Enterprises), internationally recognized marine technical author and boating systems consultant, join together to present a technical seminar, "LED Lighting Comes of Age."

Attendees will leave with a thorough understanding of how you can take full advantage of the best of LED technology while avoiding the pitfalls.

[Back to Top](#)

THANKS FOR READING

Send a story: Get a T-shirt! This newsletter is about you, and we want your stories! We like names, faces, and a photo with an occasional glimpse or mention of a DSPL product! Photos should be 4x6" x 100dpi (min). Text: 50-200 words. We'll edit if we have to. (DSPL T-shirt modeled by DSPL Receptionist, Angie Whaley.) To see both sides and both colors of the DSPL t-shirts, please [click here](#).

Thanks for reading DeepSea Scrolls. Please send any feedback and especially your story ideas. We'd like to show off your application and experience with anything we make. Please consider submitting a photo (~ 4" x 6" x 100dpi, more or less), and 50-200 words or so to describe the shot. Send to [ENEWS](#)

See you on the next issue of DeepSea Scrolls launching on August 5, 2009.

Sincerely,

DeepSea Power & Light
4033 Ruffin Rd.
San Diego, Ca 92123-1817
Phone: (858) 576-1261
Fax: (858) 576-0219

Recent Publication

"Light Up Down Below: Specifiers' Criteria for Underwater Lights," The Yacht Report, May 2009, Issue 104. See it on-line at [DeepSea's THSL website](#) under "Information/Technical Articles."

Contact us: enews@deepsea.com

Copyright © 2008 DeepSea Power & Light

[Forward email](#)

 **SafeUnsubscribe®**

This email was sent to tommy_thompson@deepsea.com by enews@deepsea.com.
[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Email Marketing by



DeepSea Power & Light | 4033 Ruffin Road | San Diego | CA | 92123