



PRESS RELEASE

For Release: Monday, June 16, 2014

Media Contact: David Capotosto, President

DeepWater Buoyancy Chosen for Ocean Observatories Initiative

Flotation Products To Support New Undersea Research Network

DeepWater Buoyancy has been awarded a major contract to supply flotation to the University of Washington's Applied Physics Laboratory for the cabled observatory component of the Ocean Observatories Initiative (OOI). The OOI, a project funded by the National Science Foundation (NSF), is planned as an integrated infrastructure of science-driven platforms and sensor systems to measure physical, chemical, geological and biological properties and processes from the seafloor to the air-sea interface.

The company was selected after a competitive bidding and assessment process that evaluated product performance, technical specifications and pricing.

"We are honored to be chosen for the Ocean Observatories Initiative," said DeepWater Buoyancy president David Capotosto. "This is a major achievement for our team, and we look forward to partnering with the oceanography community on the OOI."

DeepWater Buoyancy will be delivering more than 32,000 lbs. (14,500 kg) of DeepTec™ syntactic foam in support of the cabled observatory component of the OOI.

Over 268 individual products will be provided as part of this sizable order including: 210 model CF-12 cable floats with titanium hardware, 15 spherical buoys in a range of sizes and 43 highly engineered custom fabricated parts--some exceeding 4000 lbs. of total uplift and depth rated to 3000 meters.

DeepWater Buoyancy syntactic foam systems will be integral to the OOI cabled observatory's studies of ocean circulation and seafloor dynamics, which require high-speed and accurate data acquisition in demanding, rapidly changing conditions. DeepWater Buoyancy's proven product integrity, stability and performance at depth were a critical part of the University of Washington's decision to select the company.

"We've relied on this team of designers and product specialists for years," stated the University's Applied Physics Lab principal engineer Geoff Cram. "Since DeepWater Buoyancy re-launched the former Flotation Technologies line of subsurface products, we've been carefully assessing their progress as a potential supplier for this project. They successfully provided us with two orders earlier this year, and we are pleased with their quality and delivery performance. We look forward to their playing a key part in the ongoing OOI program."

The University of Washington is leading the design, construction, and early operations of the regional cabled observatory (Regional Scale Nodes) component of the OOI. Innovative high-bandwidth instruments, connected to the 575-mile network of electro-optical cables, will be installed on the seafloor and in the water column at study sites in the Northeast Pacific Ocean off the Oregon and Washington coasts.

“The networks will be moving data at rates exceeding tens of gigabits per second, and will be served by tens of kilowatts of power. These high rates demand precise, stable platforms that can hold up to intense subsea pressure. The performance of DeepWater Buoyancy flotation systems at such depths is critical to our project’s success,” stated Chuck McGuire, Lead Systems Engineer at the University of Washington Applied Physics Lab.

DeepWater Buoyancy secured the designs and manufacturing rights to a select group of former Flotation Technologies products, and has been manufacturing and enhancing those systems from a new facility in Biddeford, Maine since January. Current customers include the Woods Hole Oceanographic Institute, Scripps Institution of Oceanography, Bedford Institute of Oceanography, FMC Technologies and Oceaneering International.

About DeepWater Buoyancy:

DeepWater Buoyancy creates subsea buoyancy products for leading companies in the oceanographic, seismic, survey, military and offshore oil & gas markets. Customers have relied on our products for over thirty years, from the ocean surface to depths exceeding six thousand meters.

www.DeepWaterBuoyancy.com

For further sales information: Dan Cote, Sales Manager | dcote@deepwb.com | +1 207 468 2565

For further company information: David Capotosto, President | davidcap@deepwb.com | +1 207 468 8545

About University of Washington Applied Physics Lab and OOI:

<http://oceanobservatories.org/>

<http://www.interactiveoceans.washington.edu>

<http://www.apl.washington.edu/project/project.php?id=rsn>



The initial shallow profiler undergoes testing at the University of Washington. DeepWater Buoyancy's syntactic foam systems (in orange) will provide uplift and platform stability for the Regional Scale Nodes portion of the Ocean Observatories Initiative. Photo: Mitch Elend, University of Washington