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Presentation on Cabled Ocean Observatories in the Sea of the Oman and Arabian Sea at the annual MTS-IEEE Oceans conference

Kona, Hawaii, 15 September, 2011 – Ken du Vall, President and Chief Operating Officer of Lighthouse R & D Enterprises, Inc. delivered a presentation entitled “Cabled Ocean Observatories in the Sea of Oman and Arabian Sea at the MTS-IEEE Oceans ’11 meeting. The talk was given during a special session that included presentations from directors, scientists, and engineers from several other cabled ocean observatories and systems around the world.

The talk emphasized the guiding principles of Lighthouse’s system development and improvements in system design garnered from six years of experience. “It was a great opportunity to inform the ocean observing community about Lighthouse’s accomplishments as well as the lessons we have learned that have allowed us to improve upon our system concepts and designs. As a smaller company, it is sometimes difficult to be heard, but we have years of experience worth sharing; it is definitely information the community needs to know.” said du Vall. The original Lighthouse Ocean Research Initiative (LORI I) was installed and cabled in 2005, and has been operating for more than 2200 days; a second system was cabled in January, 2010. These systems collect data every hour, reporting in real time back to Lighthouse offices in Houston, TX, information on physical oceanographic conditions in the Sea of Oman and Arabian Sea from 32 unique locations throughout the water column.

The LORI systems were designed and installed and are operated and maintained by Lighthouse R & D Enterprises, Inc., with cooperation from the Sultanate of Oman Ministry of Fisheries Wealth. See <http://www.lighthousehouston.com> for additional information on Lighthouse.

Lighthouse R & D Enterprises, Inc. focuses on the research and development of technical applications for the marine environment and sources innovative ideas and technical breakthroughs that can be applied or modified to support the acquisition of reliable time-series data using the latest advances in technology.

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