

ORION Pipe and Cable Tracker to Boost STRâ€™s Portfolio

Subsea Technology and Rentals (STR, UK) has added Optimal Rangingâ€™s ORION pipe and cable tracker systems to its selection of underwater detection systems. ORION is Optimal Ranging's flagship product for underwater utility surveying. Extending LIBRA's Fieldsens technology, ORION includes MultiSens and is available at STR in two, four and six-sensor configurations.

ORION is rated to a depth of 2,000m, suitable for nearshore and deep-sea ROV survey and mountable on other platforms such as a sled or wing. ORION is compatible with leading hydrographic survey software including EIVA, QINSy, and HYPACK.

The ORION underwater utility survey system brings the power of model-based processing to cable and pipeline Depth of Burial (DoB) surveys. The method is based on the optimization of data from multiple sensors against a model of the magnetic field expected from an underwater power cable carrying an AC tone (actively applied or passively present). System accuracy is estimated and presented in real time.

Renewables

Neil Jackson, Sales and Operations manager at STR, said the ORION cable tracking system is already of real interest to customers working in the offshore renewables sector who are looking for new and improved ways of carrying out depth of burial surveys on the vast number of wind farm power cables in the North Sea and further afield.

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