

# Underwater Manipulator Arm Designed by OiS



Ocean Innovation System (OiS) has launched its electrical manipulator arm. It is currently being showcased in Southampton, at the ocean technology exhibition Ocean Business, until Thursday 6 April 2017. The French company, specialised in robotics for underwater exploration and submarine intervention, is proudly presenting its recent innovation during this specialised international tech event.

The Ocean Innovation System 5 Function electric manipulator arm (BE5-500) is a high-performance and cost-efficient skid-mounted electric manipulator arm. Intuitive programmable position controls, embedded controllers, an innovative modular system (Plug&Play) and 3 available additional connectors for optional cameras, projectors or lasers make operation of this manipulator

easy, regardless of the operator's skill level. Innovative, reliable, robust and cost effective, the BE5-500 was specifically designed for a multitude of operations and can be retrofitted to most ROV systems, nuclear or industrial applications on the market.

Ocean Innovation System designs and manufactures smart and modular plug & play underwater robotic solutions for different worldwide industries (from various fields: security, scientific and archaeological research, oil and gas, ports ...). Long distance remotely operated vehicle, equipped with optical fibre network, underwater actuator, LED projector and a the most accurate depth sensor of the world. The company develops its range through technological building blocks that allow, once assembled, to provide a system that responds efficiently to customer expectations. This modularity enables a first level serviceability and simplification of the overall system architecture.

Thus, reliability and quality are central to its concerns.