While corrosion poses a substantial threat to the integrity of ageing subsea assets, the inspection and integrity assessment of the subsea assets is often challenging and costly due to accessibility issues and difficult inspection conditions such as water depth, visibility and temperature.

Despite that, there is an increasing requirement for splash zone and subsea inspection in order to determine the fitness-for-service of the assets such as vessels, FPSOs, FSOs, semi-submersible pontoons and drill rigs at their working location without the need for dry docking, Innospection is currently developing a MEC–Combi Robot.

The MEC–Combi Robot is remote controlled, topside deployed robotic inspection system that is based on the next generation MEC technique with high detection sensitivity for internal and external corrosion and defects. It is also a smart inspection system aimed at replacing the need for diving activities in the UWILD inspections.

R&D Solutions
As Innospection stands for Innovative Inspection, an in-house R&D team supports the company in the development of optimum inspection solutions and equipment to help clients solve their niche inspection challenges and integrity targets of the splash zone and subsea assets.

NEW INVESTMENT INCREASES BRIGGS MARINE CONTRACTORS DIVING DIVISION CAPABILITIES

As part of its ongoing growth plans, Briggs Marine Contractors has made a six-figure investment into its diving division’s capabilities with the purchase of a dual basket diver Launch and Recovery System (LARS).

The system, which was manufactured by Submarine Manufacturing Products Ltd (SMP), comes as Briggs experiences increased demand for a safe, high quality and compact diving solutions. It has been built and maintained to International Marine Contractors Association (IMCA) guidelines and has been certified by Lloyd’s Register.

The SMP dual basket LARS allows the safe launch and recovery of up to two working divers and one rescue diver, in depths of up to 50m. The new system was immediately employed on an offshore renewables project, with the divers working around the clock in depths of up to 25m to facilitate replacement of an inter array cable.

Craig English, Operations Director - Subsea Services at Briggs Marine, said: “As a company which is committed to providing safe, fit-for-purpose solutions, the LARS is a welcome addition to our fleet of equipment. Its compact nature allows for mobilisation on smaller, more cost-effective vessels, without compromising safety.

“The equipment enhances the modular dive spreads owned and operated by Briggs, and means that bespoke solutions can be rapidly prepared according to each client’s specific requirements: from quayside, nearshore or offshore solutions, domestically or abroad.”

Briggs Marine Contractors is headquartered in Burntisland and has a footprint in the Falkland Islands, Burntisland, Immingham, Liverpool, the Thames and the Solent. The company also has a presence in the USA.

Below: Briggs Marine’s new LARS in action on an offshore renewables project.

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Briggs Marine’s new LARS in action on an offshore renewables project.