

Aquatec Announce Industry's First Lightweight Subsea Communications Device
Aquatec Launch their Lightest Instrument for Subsea Data Transfer
New Light and Economical Device for Subsea Communication

Aquatec Group has announced the launch of a new lightweight underwater communications device for use with miniature ROVs. Based on Aquatec's AQUAmodem Op1, the AQUAmodem Op1L is an advanced optical modem that allows for short range interrogation, commanding and data download for underwater equipment. The new instrument is three times lighter than the original AQUAmodem Op1, making it ideal for applications in oceanographic, environmental and coastal research, as well as usages in the offshore oil and gas industry.

The AQUAmodem Op1L is compatible with any instrument with an RS232 serial interface, including Aquatec's AQUAlogger and HYDROlog ranges. Operators can have greater flexibility in the deployment of their instruments, since the AQUAmodem Op1L negates the need for permanent cables.

There is a growing demand for miniature ROVs for shallow water applications, which can be easily deployed from a small boat or dockside. Since the AQUAmodem Op1L is designed for integration with small ROVs, the instrument is ideal for shallow water deployment, and can operate in depths of up to 500m. The AQUAmodem Op1L provides an economical and effective alternative to deep-water optical communication systems on the market. The latest version is also interchangeable with the original AQUAmodem Op1, and can reduce expenditure costs when combined with existing systems.

Managing Director, Andy Smerdon, said "Aquatec Group has been producing underwater acoustic and optical modems for over a decade. The AQUAmodem Op1 has been substantial in the offshore oil and gas industry, providing industry professionals with reliable underwater communication between instruments underwater and on the surface. However, the growth in production of portable ROVs has sparked a need for a lighter instrument that can be used in shallower waters. The AQUAmodem Op1L allows us to fulfil this demand and provide our customers within the oceanography and environmental sectors with a cost-effective solution for subsea communication, which was otherwise unavailable to them.

This year Aquatec has continued to enhance its product ranges in the oceanographic, environmental, and offshore oil and gas industries with the launch of CPguardian, CPmonitor and the AQUAScat 1000LT. These products demonstrate the company's drive for innovation, customer satisfaction and expertise in oceanographic and offshore instrumentation design."

Aquatec will be showcasing the AQUAmodem Op1L amongst other new products at Oceanology International 2016. If you want to learn more about the optical modem, join Aquatec on stand J300.

Release

Immediate

About Aquatec

The Aquatec Group are creators of innovative instruments, services and solutions for measurement, monitoring and communication underwater. They provide instrumentation solutions for all water environments, including offshore structures and pipelines; oceans, estuaries, rivers and lakes; and marine mammals and fisheries. Aquatec was founded by the current Managing Director in 1990 as a specialist consultancy in oceanographic instrumentation design. Since then, the company has established a diverse portfolio of products for measurement of physical oceanographic and process parameters including temperature, depth, vibration, attitude, suspended sediment, and marine mammal activity, as well as underwater data communication systems and marine mammal deterrents.