Flydog Solutions LLC

Flydog Solutions LLC was founded in 2007 as a hardware design and product development company in Tallinn, Estonia. During the years, Flydog has carried out and delivered many interdisciplinary projects involving mechanics, industrial design, electronics, HMI, engineering and prototyping, all of which has played a part in shaping the company’s understanding of and growth within the manufacturing and operational phase of the marine industry. Flydog’s main hardware product line includes data buoys, vertical profiler buoys, submerged profilers and custom data-loggers. The company has a resourceful network of collaborators from engineering, design, and academic areas for fast, flexible and result-oriented project setup and delivery. Its Data Buoy is fully customizable in design and size for any project. The company’s Profiler Buoy is equipped with an onboard winch that moves the CTD up and down to collect data from the full range of the vertical water column. For tougher environment conditions choose our Submerged Profiler that is sank to the bottom of the sea safe from the waves and storms on the surface. Flydog Marine compliments its hardware solutions with a custom data-logger and software which simplifies the process of controlling, configuring and retrieving data.

Email: andri@flydogmarine.com
www.flydogmarine.com

Focal Technologies Corporation

Focal Technologies, a Moog Inc. company, has 32 years experience in the marine industry, specializing in providing electrical slip rings, fiber optic rotary joints, hydraulic utility swivels and fiber optic multiplexer solutions for the worldwide marine industry including ROV, seismic, FPSO turret and oceanographic applications. From design to deployment, Focal’s team specializes in providing solutions for the worldwide marine industry, with innovation and performance incorporated along the way.

Product features include hybrid packages that combine...
Global Marine Systems Limited is a leading provider of engineering and underwater services to oil & gas, renewable energy & power and telecommunications markets. We provide subsea cable installation, maintenance and burial, with a fleet of vessels and subsea trenching and burial equipment and have a legacy of 165 years.

Global Marine Systems Limited provides engineering and underwater services, responding to the subsea cable installation, maintenance and burial requirements of customers around the world. The company has a legacy of 165 years in deep and shallow water operations and operates worldwide with main offices in Chelmsford, U.K. and Singapore. Global Marine offers a comprehensive, end-to-end solution for multiple offshore industries including oil and gas, telecoms, offshore renewables, power and deep sea research.

In September 2014, Global Marine was acquired by HC2, marking the beginning of a new chapter for the business, bringing with it the opportunity to develop existing services and take the company’s capabilities to new markets around the world. In February 2016, Global Marine acquired a majority stake in offshore renewables specialist CWind, adding a diverse range of construction and O&M services to its current capabilities.

Global Marine obtained recognition for its innovation and best practice in the field of engineering, receiving the Engineering Award at the International Business Awards held in Singapore, 2014. And previously, Global Marine was ranked in the Top Track 250 by the UK Sunday Times. The award compliments Britain’s leading mid-market private companies with the biggest sales.

Testing Capabilities: The Head Office in Chelmsford houses Global Marine’s industry leading test facility for cable manufacturers and other industry organizations. Cable products must be suitable for the harsh marine environment it has to operate in. Therefore, cables, joints, rope, hawser or repeaters can be tested rigorously here before deployment. A complete range of mechanical, electrical, environmental and optical test facilities are included to simulate marine deployment and oceanographic conditions. These include tensile testing (up to 100kN), torsion, high voltage and pressure testing – to internationally agreed standards and with full monitoring and data logging, both electrical and optical. Pressure testing can simulate the conditions at the deepest point of the ocean; high voltage testing can simulate electrical surges, and the round the sheave tests simulate all types of deployment from vessels. Following testing, concise reports are issued together with test certificates. Global Marine holds the RoSPA Order of Distinction in recognition of 16 consecutive years of outstanding occupational health and safety results.

Focal Technologies designs, manufactures and delivers unique FPSO swivels. Typically comprised of electrical slip rings, hydraulic utility swivels and fiber optic rotary joints, swivels are used in a variety of Floating Production Systems (FPS) including buoys, turret moorings and offshore loading towers. The Focal multiplexer product line offers a range of time division multiplexers (TDM) and wave division multiplexers (WDM). These multiplexing techniques can be used to simplify optical transmission systems and reduce cost, improve reliability, reduce weight and enhance performance.

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SubCtech GmbH

The privately owned SubCtech holds a 26-years tradition in ocean and subsea technology for industry and science. It solves customer demands with its own R&D, and develops maritime technologies for industry and science, in the areas of:

“Ocean Monitoring:” Measurement systems for vessels and buoys, e.g. high precision CO2 analyzers.

“Ocean Power:” Highly efficient, reliable and safe Li-Ion batteries, specialized for Offshore Oil & Gas applications.

The SubCtech team develops and produces optimal solutions in all project phases, based on customer specification and demand. It also has an internal development department to offer state-of-the-art solutions. Our solutions for challenging tasks reach new markets. Our expertise networks realize interdisciplinary solutions for broad markets.

Email: marx@subCtech.com
www.subCtech.com

Subsea Global Solutions
Global underwater maintenance and repair service provider Subsea Global Solutions LLC provides maintenance and inspection services as well as large equipment and weld repairs. From in-water surveys, propeller polishing and in-water hull cleaning, to complex class-approved permanent ship repairs (propellers, rudders, thrusters, shell plates, seals), Subsea Global Solutions is a global resource for vessel maintenance and repair diving services, delivering cost effective, efficient solutions in the water as opposed to dry dock The company also provides underwater marine

Tritech International
Westhill Business Park, Peregrine Road, Westhill, Aberdeenshire, AB32 6JL
Tel: +44 (0) 1224 744 111
Email: sales@tritech.co.uk
Managing Director: David Bradley
Engineering Director: Jeff Chambers
Sales Director: Scott McLay
Sales Manager: Mike Broadbent

Tritech has provided reference standard products for subsea operations for over 25 years with products that are tried, tested and relied upon in ROV/AUV markets. Tritech has grown its business to reflect new technologies and expanded territory opportunities, extending the company’s credibility and commitment from very humble entrepreneurial beginnings.

Established in 1991, Tritech International Limited, a Moog Inc. company, began with the aim of producing an innovative range of subsea products for the offshore oil and gas industry, military and other world-wide subsea markets. Tritech specializes in high-performance acoustic sensors, sonars, video cameras and mechanical tooling equipment, serving professional underwater markets, including defense, energy, engineering, survey and underwater vehicles.

Today, Tritech remains an industry leader as a provider of sensors and tools for ROV/AUV markets, a reputation achieved from over 25 years of delivering expertise through key industry-standard products such as the Super SeaKing mechanically scanning sonar and now the Gemini suite of imaging and now profiling sonars. From the company’s imaging ranges (mechanical and multibeam), to bathymetric sensors, to hydraulic and mechanical equipment, Tritech is able to support many subsea applications from the traditional ROV/AUV markets to aquaculture and cave diving.

Tritech offers its Gemini multibeam imaging sonar to monitor and often track mammals and marine objects around marine current turbines and more recently to detect sharks and ultimately protect human life around beaches. Tritech’s technology has also been applied in law enforcement and SAR operations where then Gemini, along with Tritech’s shallow-water side scan, has enabled ease of rescue missions. The common thread in all these working environments is usually low-visibility and the requirement to detect, track and analyze, often in very shallow or very deep water; elements which the Gemini and the latest model (Gemini 720is) can address.

Recent investments in new premises in Ulverston, Cumbria for the design, repair, service and manufacturing of products has provided greater test facilities including; two test tanks and a new high-pressure test chamber, both critical to ensure equipment reliability in the harsh subsea conditions in which Tritech’s customers operate.