



Flydog Solutions LLC

Flydog Solutions LLC was founded in 2007 as 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, submersed 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 Submersed 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.

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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

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fiber, electrical, and fluid rotary joints for harsh environments, explosion-proof / flameproof for hazardous locations and adaptation to customers' size and mounting constraints. Focal Technolo-

gies 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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Global Marine Systems

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 Number of Employees: 147



Global Marine Systems Limited: 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.