

## Armaturen-Wolff Friedrich H. Wolff GmbH & Co. KG

Hall A1/Stand 433

The Hamburg-based company Armaturen-Wolff, producer of quick-closing valve plants, presents a technical innovation at SMM. As a first manufacturer, Armaturen-Wolff has developed a quick-closing valve system with an electrical release.

The same general mechanical type of quick-closing valves is used as for conventional systems. While the tappet of the actuator fixes the valve in open position against the force of a compressed spring, the design of the actuator is, however, different.

An uninterrupted power-supply allows the remote control of the release action to be fully operational even if no auxiliary

energy is available on board. Even a short circuit or an uncritical blackout is claimed never to lead to an uncontrolled closure of the valves.

All control lines are permanently controlled and monitored inside a control cabinet with a collective failure alarm module. The integration into the on-board global remote control and supervision system is also possible.

Germanischer Lloyd (GL) has given its consent in the form of type approval for the application. Further acceptance by international classification societies is expected within shortly. [www.armaturen-wolff.de](http://www.armaturen-wolff.de)

## Becker Marine Systems GmbH & Co. KG

Hall 1A/Stand 450

Hamburg-based ship supplier Becker Marine Systems will once again be appearing alongside its partner for steering gear, HAT-LAPA Uetersener Maschinenfabrik.

As a specialist in high performance rudders and manoeuvring systems, Becker Marine Systems offers a comprehensive range of products.

The focus of the fair presentation is on innovative product developments and their possibilities for optimizing propulsion. Following the success of the Mewis Duct® launched in 2008, Becker Marine Systems

will this year be reporting on the range of product features shown in operation. The Mewis Duct® has since proven itself on large bulk carriers and tankers.

Becker Marine Systems is also presenting the new developed Flextail® rudder. It features an innovative rudder design with an improved fibre-composite fin for better flow and load handling. In addition to that new product there are also fibre-composite rudder shafts offered to customers by the company.

[www.becker-marine-systems.com](http://www.becker-marine-systems.com)

## Astillero Hijos de J. Barreras

Hall B1/Stand 218

The prestigious and historic shipyard in Galicia (Spain) Astillero Barreras was born as a family company at the end of the 19th century. Its first aim was to build vessels adapted to the economic reality of its region, mainly fishing vessels and general cargo ships.

Nowadays, Hijos de J. Barreras builds vessels of a very high degree of sophistication, such as ferries of the latest generation, off-shore vessels or special purpose units, all of them with a high level of demand in quality and environment, as well as in the productive processes. Detailed studies of the various projects, a highly-qualified staff and strict controls in quality and safety at work are claimed to be the main pillars of the yard. [www.hjbarreras.es](http://www.hjbarreras.es)

## Bretagne Pôle Naval

Hall B4/Stand 4

70 naval industry players from the Brittany region in France have joined an association called Bretagne Pôle Naval (BPN). It was created in 2007 to develop, integrate and organize the naval and the marine renewable energies sectors in Brittany. The companies grouped in the cluster are said to have complementary and diversified skills and offer package deals and capacities to respond to large, high tech and high added value projects. BPN aims at developing the activity for customers outside the region.

In 2010, the cluster also manages a special committee for marine renewable energy and aims at contributing to the development of offshore energy production facilities. The projects mainly concern installed offshore wind, floating offshore wind and tidal energy parks. [www.bretagnepolenaval.org](http://www.bretagnepolenaval.org)



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