

**FOR IMMEDIATE RELEASE**



## **Becker Marine Systems joins growing Wind Propulsion family of technologies with WingSail project**

Hamburg, 02 March 2020

Becker Marine Systems has announced today it is joining the growing International Windship Association (IWSA) and bringing its WingSail project online. Becker Marine has placed developing solutions to reduce energy consumption and harmful emissions at the core of their business. Becker's products are well-established in the world market from super tankers to container ships, passenger ferries, large cruise ships and luxury yachts. Now, they are developing scalable wind propulsion units for commercial shipping. This is done through a wealth of experience in close interaction with their customers gained through thousands of rudder and energy-saving-device projects.

"In line with the demands of modern shipping, we have combined highly efficient aerodynamics with a user-friendly smart control system and a low-maintenance structure for safe and reliable sailing," states Mr. Henning Kuhlmann, Managing Director of Becker Marine Systems GmbH, "To make sure our products disrupt the market, not ship operations, we took special care to develop folding solutions in conjunction with the sails."

This design feature ensures that carrying the wings will not prevent the ship from entering air draft restricted areas or disturb loading operations. Becker Marine is teaming up with a network of trusted partners and Mr Kuhlmann adds; "We are looking forward to facing future challenges – and to offer the complete WingSail-ecosystem ranging from sails, anti-drift devices, weather routing, system-engineering and integration to operational training."

Gavin Allwright, IWSA Secretary general comments; "There has been significant growing interest in wind propulsion systems recently and Becker Marine Systems joining the International Windship Association (IWSA) at this time makes perfect sense. We look forward to working together to ensure a bright future for this viable, credible and truly low carbon means of ship propulsion."

Becker Marine are now searching for prototype application projects, after having finalised thorough CFD-investigations, structural studies and demonstrator designs.

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## **MORE INFORMATION FOR JOURNALISTS**

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**Becker Marine Systems GmbH:** Hamburg based Becker Marine Systems is the market leader for manoeuvring systems and energy-saving devices such as the Becker Flap Rudder, the Becker Twist Rudder and the Becker Mewis Duct®. These products are well-established and represent the top choice for both super tankers as well as container vessels, passenger ferries, large cruise vessels and luxury yachts.

Additionally, Becker offers a wide range of alternative energy solutions for the marine industry such as the LNG Power Barge and the containerized Becker LNG PowerPac® as well as as the COBRA Compact Battery Rack system. Furthermore Becker Marine Systems is developing a highly efficient wing sail, which will generate significant forward thrust on commercial vessels.

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

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**International Windship Association (IWSA):** facilitates and promotes wind propulsion solutions for commercial shipping worldwide and brings together all parties in the development of a windship sector to shape industry and government attitudes and policies.

IWSA is a member driven, not-for-profit association made up of wind propulsion technology suppliers and ship development projects, shipping lines, shipbuilders, designers, naval architects, engineers, academics, NGO's and Class with five main areas of activity:

**Network** – grouping like-minded organisations and individuals sharing ideas, skills, technical and market information for the development of commercial windships.

**Promote** – promoting the economic value of wind propulsion to the industry

**Educate** – acting as a central information hub for the wind propulsion sector, ship owners and operators, shipyards, ports, governments, equipment producers, the media, NGOs, and the wider public.

**Incubate** – securing funding streams, project collaboration, grant applications, research and the pooling of resources.

**Facilitate** – establishing common approaches/criteria for all stages of project development, support stakeholders, advise and lobby legislative bodies on policies, activities, funding and incentives required to retrofit existing ships and build new commercial windships.

[www.wind-ship.org](http://www.wind-ship.org)

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