



STEPHAN BRABECK

Stephan Brabeck, as technical director of SkySails, has had leadership oversight of research and development, manufacturing and service since January 2005. He was born in Cologne in 1962 and earned an engineering degree from Aachen University where he majored in aerospace engineering.

Stephan Brabeck has been a managing director and worked as technical director for SkySails since 1 January 2005. An avid sailor, he contributes in-depth expertise, years of experience and exceptional market knowledge to the company.

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SKYSAILS - SHIP PROPULSION BY AUTOMATED TOWING KITES

S. Brabeck, *SkySails GmbH & Co. KG*

SkySails is developing, producing and selling an internationally patented wind propulsion system for cargo ships based on large, automated towing kites. The latest SkySails product generation with a kite area of approximately 320m² has a maximal propulsion power of more than 2 MW. The system can be installed as auxiliary wind propulsion on a major part of the existing ships as well as on newbuildings.

The SkySails system consists of three main components: A towing kite with rope (flying system), a launch and recovery system, and a control system for automatic operation.

The SkySails wind propulsion system has been long-term tested on board cargo ships during regular shipping operations for the past three years. All insights, operational experiences and results gained throughout this long-term testing phase were fed simultaneously into the SkySails product development effort, thus continuously enhancing the technology.

Stephan Brabeck (*Technical Director SkySails GmbH & Co. KG*) will present the SkySails towing kite technology and speak in depth about the operational experiences on board of cargo ships.