

Sliedrecht, November 7th, 2018

P r e s s r e l e a s e

Discover the new low emission Micro turbine for marine application during METSTRADE Show 2018

Ultra low emissions, quiet operation, compact, low maintenance and with high waste heat recovery potential

RH Marine, Feadship, Seven Turbine Power and Boskalis have joined forces in a strong partnership to introduce a revolutionary micro turbine to the maritime industry. The Micro turbine has extreme low emissions, operates quietly without vibrations and requires very little maintenance. The compact, clean and comfortable solution consists of a DC65-D Marine turbine generator, a 65kW turbine-generator set that can run on a variety of fuels such as marine gas oil and delivers direct current to the grid, based on a Capstone C65 micro turbine. In combination with waste heat recovery, the efficiency potential matches, and in many cases surpasses, that of any conventional diesel generator. Thanks to its compact design, stacking these units in parallel in a rack type configuration to deliver sufficient power in a redundant way, is among the many possibilities.

“A perfect fit for the next generation of energy provision on superyachts”

The micro turbine will be displayed during the METSTRADE Show 2018 at stand 11.511 of RH Marine. The Dutch maritime system integrator of electrical and automation systems, will showcase it as part of their pre-composed hybrid packages that provide battery powered hybrid solutions for superyachts and other vessels. Michiel Post, Technical Product Manager at RH Marine: “The DC power output of the micro turbine is perfectly suited to integrate in our hybrid-battery based solution. It is highly efficient thanks to the lack of an AC to DC conversion step and the waste heat recovery functionality. Combined with the battery powered hybrid solutions of RH Marine, the Capstone Micro turbine is a perfect fit for the next generation of energy provision on superyachts.”

Approved Solution

It is a long wish come true, says Sven Fransen, director and owner of Seven Turbine Power BV, to offer the technology of Capstone Micro turbines to the maritime industry. The low emissions, quiet operation and very low maintenance of the Capstone technology is a perfect match for maritime branch. With the upcoming IMO emission regulations for 2020 the timing of the introduction is spot on. The provided Approval in Principle by Lloyds Register declares our solution is compliant with the rules and suitable candidate for a full type approval and clears the way for naval architects and shipyards to implement the Capstone Micro turbine technology.

Partnership throughout the value chain

What makes this new micro turbine special is the fact that this new technology is introduced by a partnership that connects the value chain. From manufacturer, to electrical integrator, yard and ship owner, every partner has been involved from the early beginning. This results in a solution that fulfills the needs of the current and future maritime market.

Note to editors:

For further information, please contact Frank van der Flier, Communication Coordinator RH Marine, Tel: +31 184 436666, Mob: +31 6 12838076, e-mail: frank.van.der.flier@pon.com.

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Press release

About RH Marine Netherlands BV

RH Marine is a leading system integrator and innovator of electrical and automation systems in the maritime industry, and delivers tailored solutions for complex Defence, Safety & Security ships and Yachts. Our in-house capabilities include: Project management, consultancy, system design, engineering, commissioning, installation, site management, training and service support.

RH Marine supports and advises the customer from the design phase through the entire life cycle of the ship. This end to end approach allows for optimal configuration for the operational goals, and minimization of the life cycle costs. We ensure safe, sustainable, comfortable and cost efficient continuity of operations for our customers by integrating smart and cost effective solutions since 1860. For more information, visit www.rhmarine.com

About Feadship Royal Dutch Shipyards

Feadship (the First Export Association of Dutch SHIPbuilders) is a joint venture between two outstanding Dutch family yards: Koninklijke De Vries Scheepsbouw and Royal Van Lent. With roots dating back to 1849, Feadship is recognised as the world leader in the field of custom superyachts.

Feadships are developed at De Voogt Naval Architects, a 100% Feadship subsidiary. Each Feadship is defined by its superb craftsmanship and sets the standard in every aspect of design, engineering and construction. These bespoke motoryachts are created in partnership with owners who are prepared to invest in a wonderful building experience and reap the rewards for many years to come in terms of pleasure and re-sale value. Feadship also operates dedicated charter and refit services exclusively for Feadship yachts.

About Seven Turbine Power

Seven Turbine Power BV is the exclusive Capstone Turbine Corporation (NASDAQ: CPST) distributor for Belgium, Denmark and The Netherlands with the sole purpose of selling Capstone micro turbines. Seven Turbine Power BV is also a Capstone Turbine Corporation authorized OEM for the manufacturing of marinized enclosures.

For more information, visit www.seventurbine.com