

## Press Release

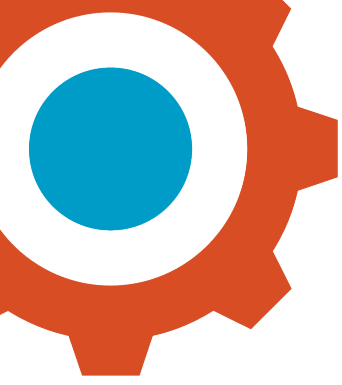
April 2024

# Unlocking Ship Efficiency: Insights from MCN Event onboard MS Berlin

**The Expert Group on Ship Efficiency of Maritimes Cluster Norddeutschland e.V. recently hosted an event focusing on the effectiveness of energy savings on ships through retrofit measures. The venue for this event was the MS Berlin of the ferry company Scandlines, where experts and stakeholders gathered to discuss this crucial topic.**

Among the participants were Annemarie Dethloff and Dr. Ralf Moeck from Aquametro, actively engaging in discussions and contributing their experiences and insights. The event provided an ideal platform for sharing best practices and introducing new technologies and solutions to enhance ship efficiency.





Optimizing ship efficiency is at the core of all Aquametro solutions for the maritime industry. Some of our solutions for improved ship efficiency have been successfully installed on the MS Berlin. These include the Shaft Power Meter and several fuel oil meters, all aimed at optimizing fuel consumption and reducing environmental impact.

Using shaft power measurement & shaft power limitation is an easy and cost-effective solution to meet the EEXI requirements. The Shaft Power Meter (SPM) is the key component for measuring ship performance and fuel/propulsion efficiency. The system is easy to install and requires no electronic parts on the shaft. The system operates absolutely contact-free.

The SPM measures the shaft rpm, shaft torque and shaft power. Based on these values the SHaPoLi Monitoring Display, that is installed on the bridge, monitors the shaft power limit and in case of exceedance gives a visual and an acoustic signal. All data, necessary to comply with Resolution MEPC.335(76), is automatically recorded in a tamper-proof manner.

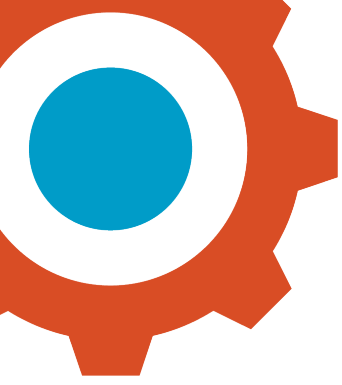
The Aquametro Oil & Marine Shaft Power Meter and SHaPoLi Monitoring System are Type Approved by DNV.

The event not only provided insights into current developments and challenges in ship efficiency but also offered the opportunity to learn from successful case studies and practical applications. Through close collaboration between companies like Aquametro, ferry operators like Scandlines, and industry experts, innovative solutions can be developed to further enhance energy efficiency on ships, making a significant contribution to environmental protection.

Overall, the event was a great success, providing valuable insights and momentum for future initiatives aimed at increasing ship efficiency and reducing the ecological footprint of the shipping industry. We would like to thank Maritimes Cluster Norddeutschland e.V. and Scandlines for having us as their guests.

### **About Scandlines**

Scandlines is a modern and innovative ferry operator with a green vision for the future. We have a proud culture based on strong German-Danish cooperation and maritime history dating back to 1872. Scandlines operates two ferry routes with high capacity and frequency. Six of our ferries are hybrid ferries, and two are furthermore fitted with an innovative rotor sail – and that contributes to making our ferries greener. Our core business is to provide an efficient and reliable transport service for both passengers and freight customers. The focus for all our activities – on board the ferries as well as in our BorderShops – is to give our customers a great experience. With 39,000 departures on seven ferries, Scandlines in 2023 transported close to 6.4 million passengers, over 1.6 million cars and over 700,000 freight units on the routes Puttgarden-Rødby and Rostock-Gedser. Read more about Scandlines at [www.scandlines.com](http://www.scandlines.com).



## **Company Information**

**Since 1928, Aquametro has been among the leading manufacturers and suppliers of measurement, optimization and monitoring solutions for all kinds of fluids on ships, vehicles and industrial applications.**

Our range consists of more than 100 different oil fuel meters and management systems which have been developed specially for ships, transport vehicles and other heavy machinery in the shipping and industrial sector. We are also considered experts in viscosity measurement and control as well as in measurement, monitoring and management systems for fuel performance and fuel switching units (HFO to MDO and vice versa). For the industrial sector we offer flowmeters and dosing units for special fluids.

Aquametro operates from its headquarters in Rostock/Germany and Therwil/Switzerland as well as Singapore for the Asian market. With further subsidiaries in South Korea, Dubai and China and representation offices in India and Japan plus a global service network and numerous sales partners around the world we can offer you seamless, professional, and solution-driven support.

**For more information please contact:**

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