

AOM UPDATE

2022.4



Dear Reader

In this last issue of AOM Update in 2022, we are pleased to present one of our current Shaft Power Meter projects, including SHaPoLi and performance monitoring to meet EEXI & CII requirements, for TB Marine Cont Shipmanagement GmbH & Co. KG.

Also, we are very proud of the orders from our long-term customer PT. Wintermar Group, for which we were asked to equip yet another ship "WM Makassar" with our Remote Monitoring System.

Again this year, we were happy to support the seafarer's mission and the German Maritime Search & Rescue service in Rostock with a donation.

Finally, we would like to take this opportunity to thank you for your trust and pleasant cooperation, which made 2022 a successful year for us. We are looking forward to new, exciting projects that we will realize together with you in the coming year. We wish you and your family a pleasant advent season, happy holidays and luck, health and success for the new year.

Sincerely,
Axel Schulz

CONTENT

INSIGHTS

TB Marine trust on Aquametro Oil & Marine SHaPoLi and performance monitoring to meet EEXI & CII requirements

Aquametro Oil & Marine proudly announces that it has been awarded with an order for 10 sets of measurement and monitoring devices by TB Marine Cont Shipmanagement GmbH & Co. KG. The first vessel to be equipped is MV Olivia. Nine more vessels will follow in the next 6 months.

For each vessel AOM supplies a set of measurement and monitoring devices consisting of a Shaft Power Meter (SPM) including SHaPoLi-related software, a Fuel Performance System (FPS) as well as respective digital flowmeters. This is the first fleet related project for AOM with TB Marine Cont Shipmanagement GmbH & Co. KG.

Product details SPM / SHaPoLi:

The Shaft Power Meter is an easy and cost-effective solution to meet EEXI & CII requirements. It 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 DNV-approved ShaPoLi-related features acc. MEPC 335 (76) (subject to case-by-case verification) include:

- » Shaft power measurement devices to measure shaft rpm, shaft torque, shaft power
- » Data processing and recording of shaft rpm, shaft torque and shaft power in unlimited mode
- » Indication of shaft power limit exceedance
- » Recording of use of a power reserve
- » Interfaces applicable for power limitation override alarm acc. IACS Rec. 172, Sec. 6.6

Fuel Performance System FPS

The IMO and EU MRV regulations require ship owners and operators to monitor, report and verify CO2 emission caused by shipping. The FPS 2.0 assists you to bundle all required data in a report on a per-voyage basis and guides you to reduce your carbon footprint.

CONTOIL® flowmeters

The CONTOIL® flowmeters are highly accurate and at the same time cost-effective. They are capable of providing fuel oil consumption data in Mass as well as Volume. With minimum moving parts and a compact design, the CONTOIL® flowmeters are more than capable of withstanding the harsh marine environment.



[TB Marine Cont Shipmanagement GmbH & Co. KG](#) is a Hamburg-based container ship management company that operates Container ships built and operated in accordance with the highest quality and reliability standards.



FAST DELIVERY - CUSTOMIZED AOM RMS FOR PT WINTERMAR

Aquametro Oil & Marine is pleased to announce another successful commission of a customized RMS onboard WM Makassar for our Indonesian long-term client, PT. Wintermar Group, whom we service since 2011

Across the years, Aquametro Oil & Marine has installed more than 11 shipsets of RMS in their fleet. In this latest project AOM has been entrusted with an urgent task for this customer. Due to contractual requirements they needed to install a remote fuel consumption monitoring system within a short period of time. AOM is honored to have been selected to prepare this customized system for them and managed to complete the project within the given time-frame of delivery in terms of hardware and software.

Due to time constraints for extensive necessary installation work, for this project, our client operates with estimated fuel consumption values based on their past successful sea trial reports which are accepted by the charterer.



Aquametro Oil & Marine customized the RMS to recalculate the estimated fuel consumption for each of the monitored main engines and auxiliary engines based on the relevant engine signals, reference to the sea trial report given. In the future, the provided system can be upgraded to monitor fuel consumption using actual flow meter values.

The whole RMS commissioning was performed and supported remotely by an AOM engineer over just one weekend. The remote installation process made it possible to avoid the travel restrictions caused by the pandemic and to save travel costs for the customer.

INSIGHTS

SWISS NATIONAL FUTURE DAY

As part of the Swiss "Zukunftstag" (national future day), the children of the employees of Aquametro Oil & Marine and Integra Metering were able to spend an exciting day at our headquarters in Therwil/Switzerland.

For the diversified all-day program, the 12 children were divided into German and French speaking groups. After brief information about the two companies and a visit to the offices, the children were able to get hands-on in logistics, development and production and learn a lot of exciting things about our products. For example, a CONTOIL® fuel oil meter was assembled, which was then tested on the manual test bench.

With an AOM sports bag on their back and a self-packed package with promotional gifts under their arm, the kids left our company at the end of the day. Thanks for having been our guests!



INSIGHTS



500 Christmas parcels for seafarers

For the second year Aquametro Oil & Marine supports the Christmas campaign of the German Seafarer's Mission in Rostock, Germany with a donation.

The Deutsche Seemannsmission (German Seafarers' Mission) Rostock e.V. is taking care of the mental and physical well-being of all seafarers who call into the ports of Rostock, Germany since 1991. In the Seafarers Lounge of the Seafarer's Mission, seafarers can unwind from everyday life at sea or contact relatives at home via the free internet service.

As a supplier to the maritime industry, Aquametro Oil & Marine has a close relationship with the shipping industry. Numerous employees and the entire management have sailed the seven seas themselves. Therefore, we know the concerns and needs of seafarers well and how welcome good care is in the port. Just as last year we decided to support the Rostock Seafarers's Mission's Christmas campaign with a donation in kind of items that are most frequently requested, such as warm scarves, hats & gloves, hygiene items and of course chocolate.



Today Annemarie Dethloff and Bruno Seifert, both members of Aquametro Oil & Marine's Sales Team from Warnemünde, Germany handed over the donation box to Sheila. Sheila is a young Filipina who is currently completing her Federal Voluntary Service Year in the Rostock Seemannsmission. Like Sheila, many seafarers are from the Philippines. Her voluntary work is a good opportunity for her to support other Filipinos who call at the Port of Rostock.

She thanked Aquametro Oil & Marine for the donation in the name of the German Seemannsmission Rostock e.V. From all collected donations, employees and supporters of the Rostock Seemannsmission will pack around 500 Christmas parcels, which will be handed over to seafarers on December 24th.

Aquametro Oil & Marine wishes everyone a Merry Christmas, good luck and health for the New Year as well as always safe journeys on the seven seas.

INSIGHTS



Handover of the christmas donation

Aquametro Oil & Marine is once again supporting the Rostock station of the German Maritime Search & Rescue Service (DGzRS) with a donation.



Since its founding in 1865, the DGzRS (Deutsche Gesellschaft zur Rettung Schiffbrüchiger = German Maritime Search & Rescue Service) is responsible for the maritime search & rescue service in the German areas of the North Sea and Baltic Sea. While in many countries, maritime search & rescue service is ensured by state authorities, the DGzRS as a non-governmental organization is exclusively supported by donations - without any governmental financial support.

On December 12, 2022 Axel Schulz, CEO and Fridtjof Wiek, service technician, of Aquametro Oil & Marine presented a donation check in the amount of €1,000 in front of the sea rescue vessel ARKONA. The check was received by Jörg Westphal, head of the sea rescuers' information center in Rostock Warnemünde, as well as Matthias Tetzlaff, chief engineer and Steffen Schmeisser, engineer of the sea rescue vessel ARKONA.

Aquametro Oil & Marine thanks all people working for the German Maritime Search & Rescue Service for their voluntary or full-time engagement and wishes everyone a Merry Christmas, good luck and health for the New Year as well as always safe journeys on the seven seas.

Left to right: Axel Schulz, Matthias Tetzlaff, Fridtjof Wiek, Jörg Westphal, Steffen Schmeisser

Events

ADIPEC Exhibition and Conference



**From October 10th to November 11th
ADIPEC Exhibition and Conference
took place in Abu Dhabi / UAE.**

The ADIPEC is the single largest technical meeting place for oil, gas and energy engineers and professionals worldwide, providing unprecedented access to the latest industry knowledge, innovations, technical expertise, applications, products, solutions and services. AOM's International Sales Manager Thomson John can look back on a successful exhibition, a lot of interesting discussions and is looking forward to the resulting business discussions and projects.

Offshore Support Journal Energy Conference



**Aquametro Oil & Marine participated at
this year's Offshore Support Journal Energy
Conference - Middle East from December 6th
to 7th in Dubai.**

In his presentation, AOM's International Sales Manager Thomson John highlighted the significance of fuel monitoring to advance operational efficiency.

At the annual OSJ Energy Middle East conference, that was held under the theme "Digitalization - Decarbonization - Future fuels", regional and international players in the offshore support vessel sector were brought together to provide a platform to identify new opportunities, overcome challenges and share knowledge.

Latest documents...

...for download



» Brochure
CONTOIL® DN 15 - 50

COMING UP



Events

We look forward to seeing you at one of the next events and/or trade fairs:



» **March 29**
GREEN4SEA Athens Forum at Eugenides Foundation, Greece

Be part of the Green4Sea Forum when the following agenda topics will be discussed:

- » Regulatory Developments (IMO, EU, USA)
- » Air Emissions, Fuel Options & Alternatives
- » Energy Efficiency & BCM
- » Ballast Water Management
- » Green Shipping Best Practices
- » Sustainable Shipping
- » Green Financing & Economics



» **April 25 - 27, 2023**
Sea Asia, Singapore

Sea Asia returns for its 9th edition in-person on 25 - 27 April 2023 at Marina Bay Sands, Singapore. Sea Asia is recognised globally as the leading platform for the maritime industry to interact, explore business opportunities, hear the latest insights, and source new products and services. The past editions of Sea Asia consistently welcomed in-person participation of close to 15,000 international participants from over 70 countries/ regions with more than 400 exhibitors.

Visit our booth in the Singapore Pavilion.

CONTACT US

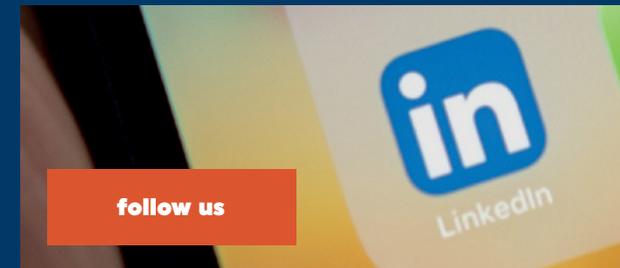


We hope that you found AOM UPDATE to be a useful resource. Your views and feedback are very important to us as they help us to improve the information we provide.

For any feedback please contact comm@aquametro-oil-marine.com

To find your local contact person please visit our website.

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