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MORE THAN SHIP MANAGEMENT

Sustainable shipping for today and tomorrow





Leading the way towards truly sustainable shipping

When we talk Sustainable Shipping we mean just that. Environmental sustainability is as important to us as keeping our customers' costs down without reducing service quality. We continuously work to improve daily operations to ensure seamless connectivity between land and sea, in order to grow and develop with our customers to reach new levels of sustainability.

We are continuously developing efficient ways to increase performance of the vessels we design and manage. Current environmental rules and regulations are met and future changes are planned for with an innovative approach to keep us ahead of the game. With one foot already in the future, we are developing new vessel types and new and better ways of managing the daily operations for our customers' fleets.

During our long and successful history, we have developed and fine-tuned our routines, systems, and ways of working to become best-in-class. Our industry reputation and network is second to none.

Wallenius Marine offers more than just ship management. We are your outsourced inhouse ship management, a solid and reliable partner in the fast-evolving shipping business. We design, build, crew, manage and carefully recycle to maintain sustainability throughout a vessel's lifetime.



VESSEL LIFECYCLE MANAGEMENT





Reducing costs while maintaining high-quality standards

We have a proven track record of minimising off-hire and maximising the operational life of the vessels that we manage, thanks to our uniform way of working that builds on best practice and the strong driving force to always improve in everything we do. Our centralised management, solid support systems and our preventive and predictive maintenance model helps to preserve the vessels' value throughout their lifetime, ensuring they operate safely for longer and avoiding unplanned off hire time.

We run our operations at sea and on land in similar ways, using proven tools and routines to minimise unnecessary administration time.

Our land-based organisations work closely together with the operations at sea to ensure smooth and reliable services whilst minimising costs, using the best Business Management Systems available.

WE DELIVER

SUPERIOR AVAILABILITY

We design new vessels and operate existing vessels from a life cycle perspective. Our performance maximises vessel availability regardless of age.

OVER 98% AVAILABILITY
FOR ALL VESSELS, CONCERNING
PLANNED AND UNPLANNED OFF-HIRE.

EXCELLENT SAFETY AND QUALITY PERFORMANCE

Our well proven uniform way of working, on land and at sea, contributes to high safety and quality performance. Structured work with Risk Assessment, Permit to Work, Safety Committee and an appreciated Culture programme has formed a strong safety culture among our crewmembers.

**PORT STATE CONTROL
DEFICIENCY RATIO:
0.5**
THE NUMBER OF DEFICIENCIES
DIVIDED BY THE NUMBER OF INSPECTIONS
DURING ROLLING 12 MONTHS.

FUEL SAVINGS

Improved technical performance such as propulsion, electric and heat energy efficiency, has reduced emissions significantly. In the last 10 years we have been able to reduce our fuel consumption per transported unit with over 20%.

**-20% FUEL
CONSUMPTION**
PER TRANSPORTED UNIT

COST CONTROL

Our agile way of working ensures full cost control at all times, resulting in cost efficiency and cost predictability. During a five-year period, our budget deviation is normally less than +/- 3%.

LESS THAN 3%
BUDGET DEVIATION DURING
A FIVE-YEAR PERIOD

OUR SERVICES

TECHNICAL MANAGEMENT

Our technical management team provides safe and cost-effective operations to minimise off-hire and maximise vessel availability.

PROCUREMENT MANAGEMENT

Together with our logistics partners, we have developed a reliable and efficient procurement system. We have favourable fleet agreements with major national and global suppliers to ensure reliability and cost control.

CREW MANAGEMENT

Our crew management team in Stockholm and Singapore works closely with crewing agencies in Manila and Myanmar to ensure that the vessels we manage are manned by qualified and competent crew.

INSURANCE & LEGAL

We are a full-service insurance provider and registered insurance broker and take care of claims handling as well as validation of insurance documentation.

IT SYSTEM & SUPPORT

We provide and manage the entire IT infrastructure onboard vessels in a cost-effective manner via remote administration, reducing working time on location.



Photo: Blaa

Designing for the future today

We are fully committed to maximising the efficiency of the vessels we design and build, focusing on financial and environmental excellence in every part of the process. We always look towards tomorrow's needs and regulations within our customers' businesses and within the industry.

Our Design teams not only have close working relationships with customers but also with our teams within Ship Management and Performance Management. Insights from our daily operations and our digital monitoring systems are taken into consideration when designing and planning new types of vessels. Our goal is to accomplish truly sustainable shipping, using emission free and renewable resources.



Photo: Bengt Grandin

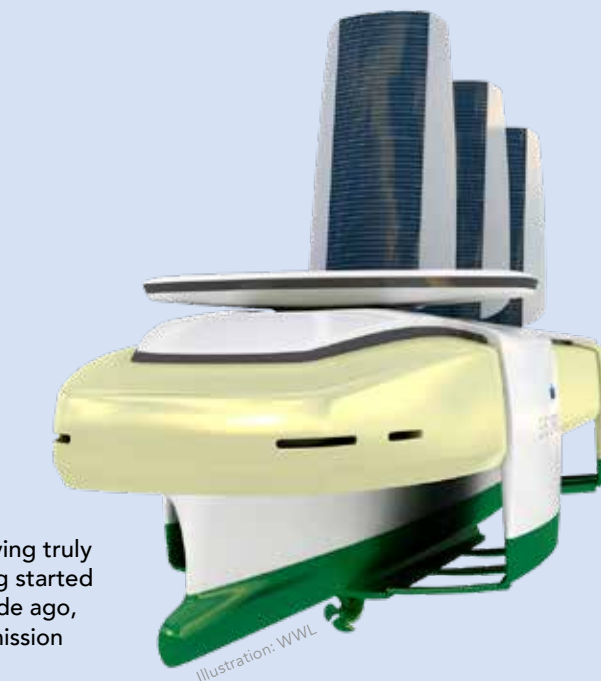
Newbuilding Management

We take on any newbuilding, re-building, elongation or refurbishment challenges. Since the mid-90s, we have supervised more than 70 vessels, lengthened a dozen existing vessels and refurbished and raised cargo decks on several vessels. We adapt a lifecycle perspective from start to end, maximising the use and efficiency of every vessel through its entire lifetime.

Did you know?



Our Latest Concept HERO 2.1, is a Deep Sea LNG/MGO, HFO propulsion concept with endurance for Atlantic trade, optimized for varying service draughts, estimated speed of 16-17 knots and minimum effect on cargo handling.



Our vision of achieving truly sustainable shipping started already over a decade ago, with Orcelle, the emission free Car Carrier.

Illustration: WWL



Photo: Ole Musken

We were the first to roll heavy and valuable cargo on board instead of lifting it, creating the Ro-Ro concept.



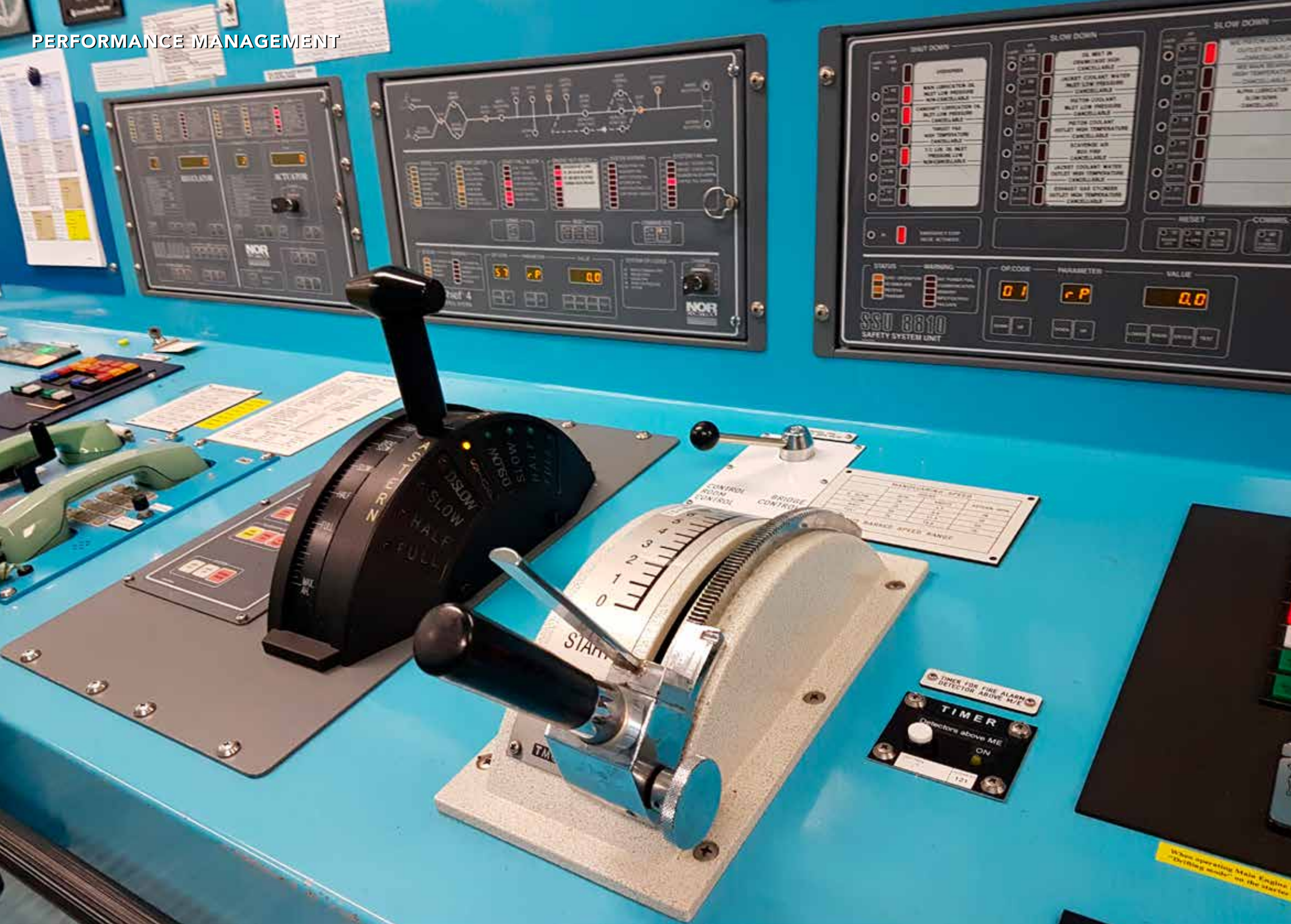
Photo: Uuec.com

We designed, built and delivered on time and on budget, the first LNG fuelled PCTC (operates on LNG, HFO or MGO), now running year-round in the Baltic Sea.



Photo: Mr. Dong Xishun

The vessels in our latest newbuilding series within the HERO (High Efficiency RoRo) family, run on 15% less fuel compared to benchmark level.



The guessing is long gone

We know how wind, waves, temperature, cargo, routes, motion and accelerations affect the performance of all vessels we manage. With our vessel performance management system, we are able to follow trends relating to individual technical systems, such as hull-propeller, engines and boilers to optimize condition-based maintenance and evaluate the impact of our improvement initiatives.

By collecting and analysing data, on-board sensors and systems, we get invaluable help to operate more efficiently and safely, avoiding guess work and assumptions, and above all: keeping costs and risks down for our customers and ourselves.

Performance monitoring also supports our design and newbuilding team to develop better performing and more sustainable solutions from learning about in-service conditions, for example added resistance from wind and waves, required engine output and variations in floating conditions.



Photo: Karin Röse

Data supported maintenance

By combining our in-house developed technical measurements and improved operational procedures we managed to **reduce boiler fuel consumption by 50% fleet wide.**

We have verified effects from improvement initiatives, such as placed full-spade rudders with high-efficiency flap rudders and **saved approximately 4%, or 500 mt of HFO per year.**

When monitoring fouling on hull and propeller and implementing on-demand hull cleaning, our estimated savings vs "standard" fouling performance is **reduced with 1-5% per vessel and year.**

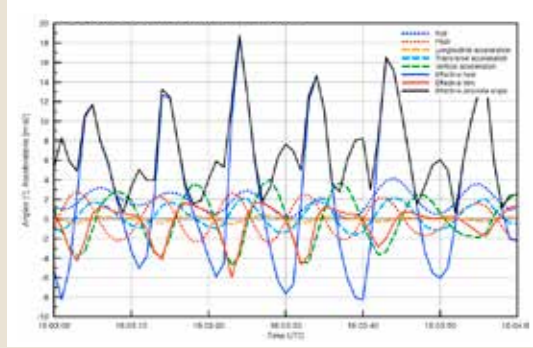


Illustration: Jesper Lögström

Motions and accelerations at Dkt12 aft on one of the vessels monitored, on a specific day and time.

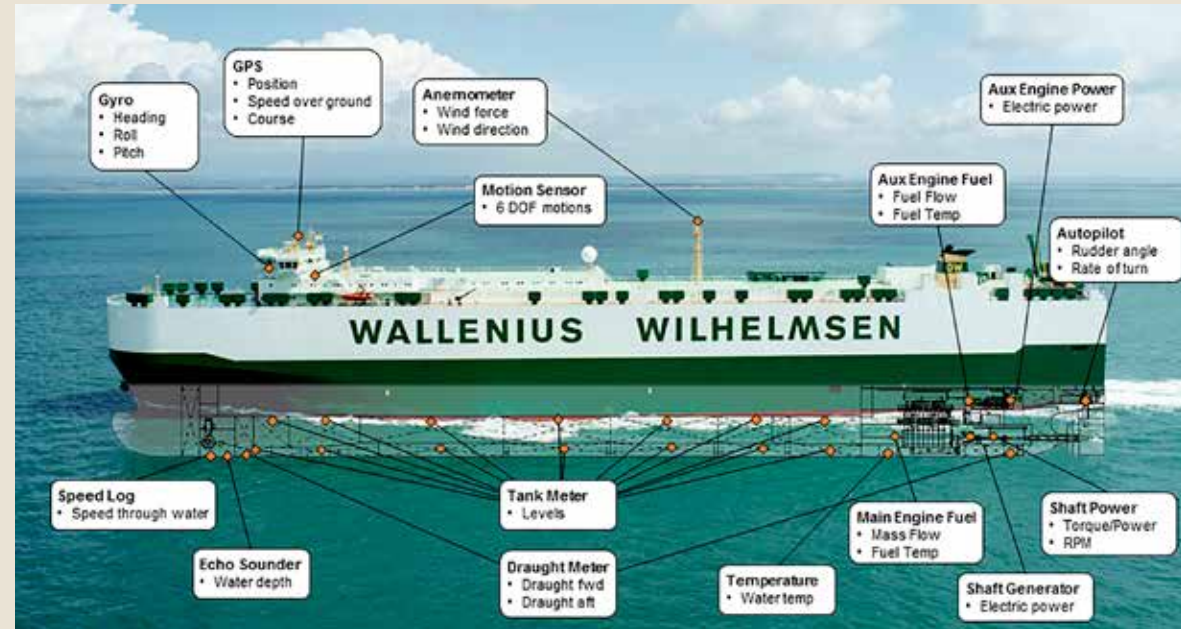


Photo: Fotoflite & Jesper Lögström

Sensors onboard send data ashore several times a day giving us real time operational feedback.

WITH OUR ADVANCED MONITORING SYSTEM, WE HAVE THE POSSIBILITY TO:

- detect trends in individual technical systems
- identify improvement areas
- provide service statistics
- follow up results of improvements already carried out
- enable incident analysis
- monitor compliance

Foto: Ole Musken

13M

8

6

4

2

12M

8

6

4

2

11M

