

VOYAGE ENERGY & EFFICIENCY OPTIMISER

VEEO

VOYAGE ANALYSIS & PERFORMANCE MONITORING TO REDUCE FUEL COSTS

Less operation costs, more energy efficiency.
Closer monitoring, less downtime, more savings.
Know, monitor & predict through KPI.
Emissions Reports and connectable to existing systems.



TECNOVERITAS®

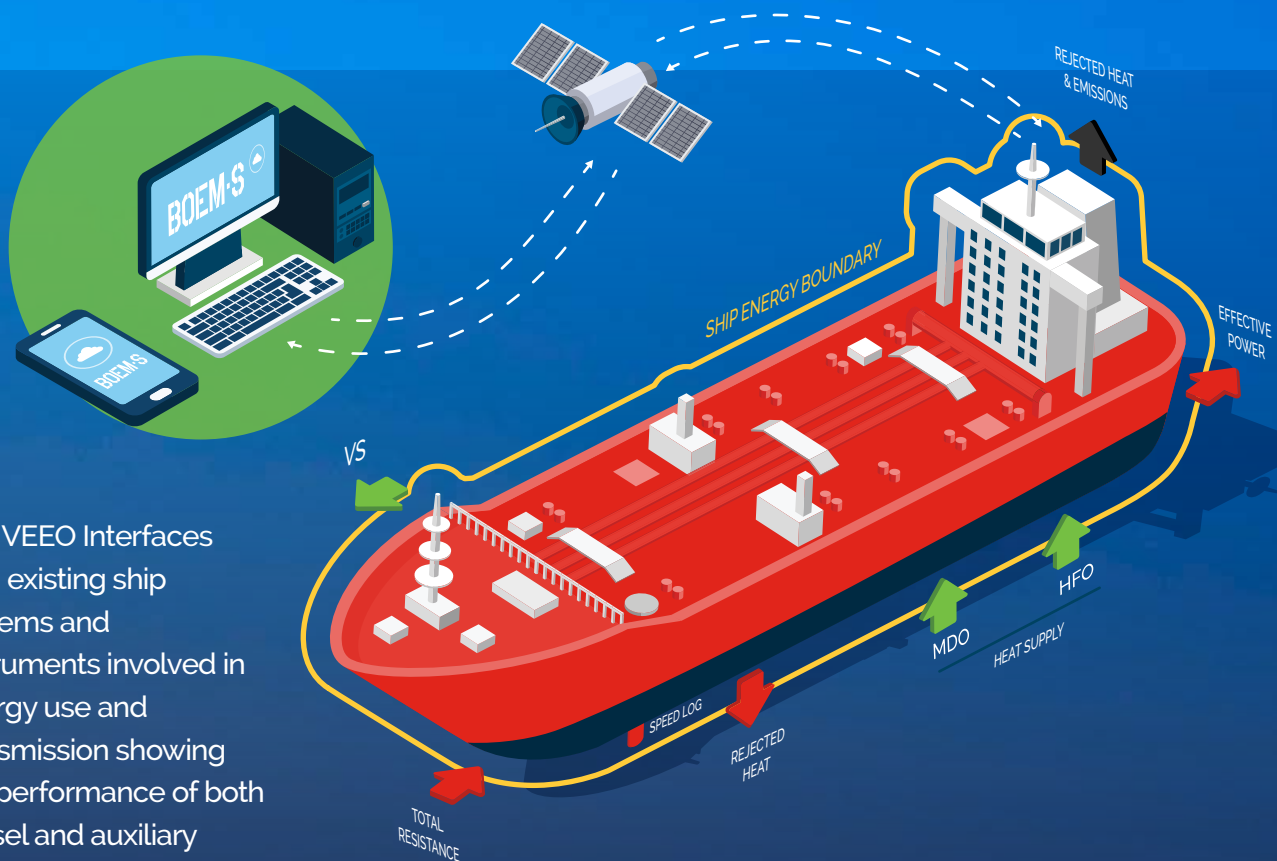
Dedicated to innovation

VEEO

The holistic approach to ship energy systems

The system covers all ship energy systems (connecting all sensors onboard) identifying their performance, deviation and highlighting opportunities of energy saving actions.

Through an easy-to-use dashboard, the VEEO delivers in-depth comprehensive information on all variables related to energy use in both report and graphic formats.



The VEEO Interfaces with existing ship systems and instruments involved in energy use and transmission showing the performance of both vessel and auxiliary machinery.

A shore version allows the ship owner to track the vessel's performance through time, and making use of statistical data treatment and filtering, ship performance projection is possible, based on the ship gathered data.



TecnoVeritas received the first prize of the Seatrade Awards 2012 on the Clean Shipping category, with its VEEO – Voyage Energy & Efficiency Optimiser.

MAIN FEATURES



Live Voyage Data



Fuel Management



Auxiliary Machinery Data



Automated Reporting



Ship/Fleet Performance Projections

VEEO MAKES YOUR VESSELS GREENER



Less Operating Costs, More Energy Efficiency

Allows savings of up to 15% of fuel. Through real-time analysis of vessel operating parameters, VEEO allows to identify the consumption trends, leading to timely decision making and actions, which enables a more sustainable ship operation and continuous improvement of the low efficiency systems of the ship.



Closer monitoring, fewer failures, more savings

By closely monitoring the condition of the ship and analysing its evolution, it is possible to more easily plan maintenance to prevent and/or detect faults and their corrections in a timely manner. Consequently, with the increase in Ship Operation Efficiency, there is a Cost Reduction, optimizing the General Performance of the Ship.



Know, monitor and predict through KPI

The KPIs are fundamental to know, monitor and predict the behaviour of the various systems of the ship. By defining alarm limits and comparing them in time and in relation to the fleet, the crew becomes aware of the energy intensity with which the ship is being operated, beginning to realize what steps towards energy efficiency optimisation.



Reports & connectable with Existing Systems

VEEO, as a real-time data capture system aboard ships, is easily connected other systems, and can be connected to shore-based equipment (such as BOEM-S), enabling the delivery of corrected operational data to land and reducing the bureaucratic burden of the daily processing and reporting (automatic noon reports, fuel reports and voyage reports).

ABOUT TECNOVERITAS

TecnoVeritas is a specialist provider of engineering services and solutions to the shore and marine industries, with more than 20 years of experience.

Headquartered in Portugal with a global reach, TecnoVeritas is focussed on emissions and energy management, and has a strong track record of delivering high quality solutions combining innovation with world leading technical expertise.

Dedicated to innovation

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WINNER
Clean Shipping



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