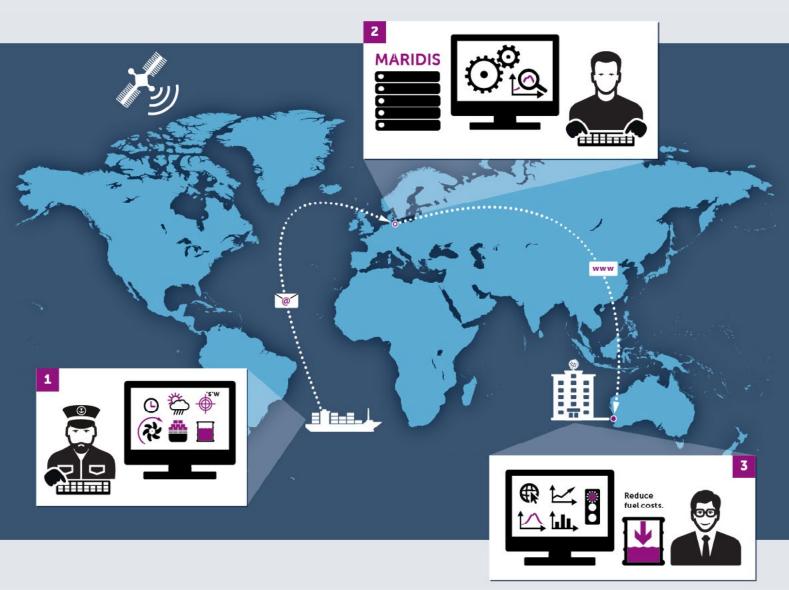


MARNOON

Voyage Report









Our MarNoon software gathers all relevant data on ship operations anywhere in the world, providing immediate onboard analysis and online transfer capabilities to our Maritime Service Centre at Maridis. You obtain an efficient tool for optimizing ship performance, supporting itinerary planning and identifying possibilities for reducing fuel and costs.



Comprehensive data around the clock.

- Onboard, the parameters of the day-to-day operations of the ship are entered into the input screen of MarNoon (Fig. 1a):
 - → performance data of main and auxiliary engines
 - → weather, travel and navigation data
 - → cargo (load) and lay time

On the basis of the entered data the following parameters are calculated:

- speed of the ship and slip
- → engine power and speed
- → absolute and specific fuel and lube oil consumption
- → energy efficiency operational indicator (EEOI)

A fast overview of the ship performance is provided for the person in charge already onboard by means of corresponding trend charts (Fig. **1b**).

- The data is transferred from the ship to the Maritime Service Centre (MSC) of Maridis GmbH via email, where it will be edited for interpretation according to the customer request and made available for personnel onshore. The data can be downloaded as CSV file from the MSC for continuing internal evaluations.
- For a prompt survey of the performance of your ships and fleet you can log into the Maritime Service Centre (MSC) easily through www.maridis.de.

Our MarNoon software provides you with the necessary data for optimal itinerary planning indentifies areas of potential travel cost reduction and gives specific recommendations for engine protection. MarNoon can be expanded and customized by request.

Contact us and learn more about our product range and services:

Maridis GmbH Friedrich-Barnewitz-Straße 4c 18119 Rostock Germany

Phone: +49 381 77 89 38 80 Telefax: +49 381 77 89 38 89

maridis@maridis.de

