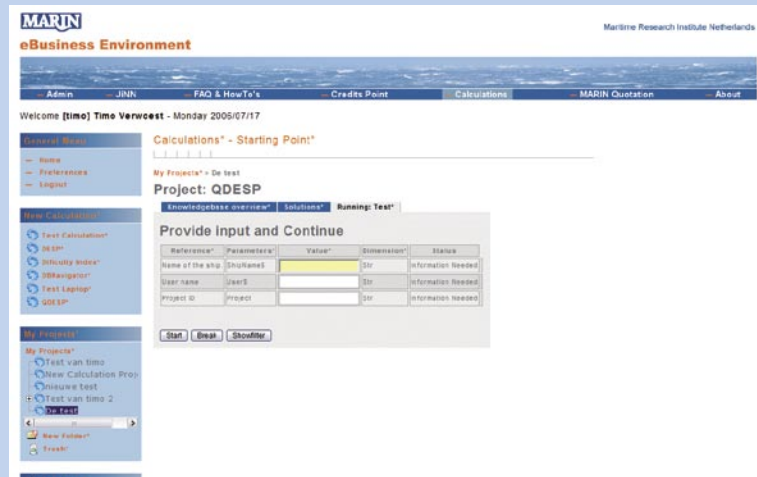


Key themes: Quality, Intuitive, User guidance

# www.e-marin.nl set to go live!

In order to make MARIN's knowledge accessible to a wide group of users around the world MARIN has started working on the development of an Internet service that allows users to access MARIN's knowledge in a modern way. Calculation methods will be available online and users can easily communicate with MARIN specialists.



e-marin.nl in test phase.

The new service will run on a website with a dedicated secured login and project area for each user. In this area, the user can carry out calculations, store and view calculation results and ask MARIN for expert help if required. And importantly, this new service has been created based on the feedback from a two-year test period in which 44 companies participated.

MARIN also intends to create a total hydrodynamic design platform on the Internet by means of software tools that have been developed over the years. The web service will start with a basic resistance and propulsion package that will then be expanded in the near future to include a seakeeping and manoeuvring functionality.

www.e-marin.nl will start with two design applications: the Powering Prediction Suite and the B-series Propeller Design Package. MARIN's Powering Prediction Suite will enable the user

to calculate the resistance, speed and propulsion characteristics of a (new) design. This application is based on the famous Holtrop en Mennen method (DESP). Uniquely, the user gets the possibility to carry out systematic parameter variations so they can explore the design envelope of a design.

MARIN's B-series Propeller Design Package enables the user to design a propeller based on the Wageningen B-Series. It is possible to optimise a propeller and adapt the rake and skew. Output will consist of a detailed propeller drawing and a design report. The new design can be used directly in a speed power calculation. In addition, the characteristics of another propeller design can be used as the basis for a new speed power prediction with the Powering Prediction Suite, based on a user-supplied set of open water data. So years of expertise will soon literally be at your fingertips! MARIN expects the new advice service to be up-and-running after the summer.

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MARIN