

HMC Newsletter

November 2022



CARGO PLANING AND LOADING (CPC)

We are glad that Vertom Bereederungs GmbH & Co. KG has chosen HMC BV for the CPC 2.0 Software update for Windows 11 in 18 vessels

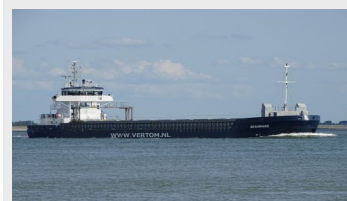
On October HMC BV team successfully installed The Cargo Planning and Loading Computer CPC 2.0 in 18 Vertom vessels.

The CPC software was installed on more than 1500 vessels worldwide since its first delivery in 1976. CPC 2.0 combines all mandatory stability and strength parameters with an efficient and user-friendly interface. A key aspect in the development of CPC 2.0 was the reduction of the specialised knowledge required to operate the programme. This was done by completely redesigning the program and focusing on optimization

of the user interface and visual feedback provided by the algorithms.

Why Choose class approved CPC software:

- * it is an extra check of the stability book and design flaws will be discovered and solved.
- * Use friendly interface allowing quick and easy data input.
- * Transfer ship data information between office and vessel for support, data analysis and backup purpose.



CERTIFICATE OF APPROVAL IN PRINCIPLE OF A SHIP WITH COMPRESS HYDROGEN PROPULSION

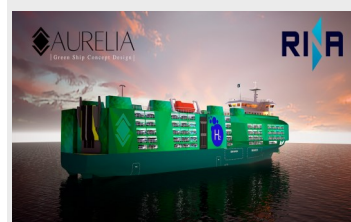
Apply the hydrogen propulsion design in your ship to lower the emission & to protect the enviroment

Proudly we can announce that during the SMM we received the Approval in Principle (AiP) for the design consists of an electric propulsion plant on hydrogen, making a vessel with zero emission production. It is powered by fuel cells and batteries, also for lightning and accommodations. The propulsion system delivers 1500 kW with an endurance of 88 hours. The example project is done for a RoRo vessel on a liner route. Our sister company Aurelia in concert RINA have put a great effort to design of the propulsion system. Next step is the Hazard assessment (HAZID). Herewith we like to invite you to participate in the Hazard assessment and find out the ins and outs of propulsion on Hydrogen.

You can share the knowledge we developed in this project. You can also determine and what the system can do for your fleet.

If you sail a regular route you can run on Hydrogen. Hydrogen containers can be filled up and stored in port(s) of call and be swiftly changed during the loading and discharging.

We ask you to join RINA and Aurelia in a 2-time 3 hours assessment. The compensation of your participation is that we can estimate the efficiency of the system for your operation (EEDI, EEXI, CII Calculator). Which you can use in your effort to reduce your emission as per MEPC 76.



*The Great Achievement
Of Cooperation Between
AURELIA & RINA*

HMC BV IS ANNOUNCING THE DATES FOR COURSES IN 2023

Getting ready for 2023 courses.

All educational activities performed by HMC are based on our internally developed course materials. These materials consist of a broad collection of presentations, assignments, books and working materials.

ME has been established in late 2011 to group and focus HMC's activities in education and knowledge sharing. Transport engineering experience that is gained in the other two business units since 1978 is made available to the industry via courses in for instance transport engineering and warranty surveying. Regular education is also supported with cases, guest lectures and co-maker ship traineeships in close cooperation with local schools and universities.

HMC Courses Dates:

- * Marine Warranty Surveying (MWS) (January 5th)
- * Transport Engineering Shipping and Towing (January 25th)
- * Navel Architecture For Non-Naval Architects (March 13th / September 18th)
- * Anchor Handling (May 25th)



Save The Date



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