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## **NEW: THE FUTURE-PROOF CONOSHIP 3600 TDW GENERAL CARGO VESSEL**

Conoship International Projects developed an innovative, future-proof and environmentally friendly 3600 dwt general cargo vessel, suited for sea-river operations. This vessel can be considered the new standard for low-air draught sea-river coasters. The first series of 6 of these diesel-electric propelled cargo vessels will be constructed at Fosen Yard Emden, Germany.

### **New standard sea-river coaster**

With its well thought out diesel-electric propulsion system, enlarged propeller in combination with a ConoDuctTail® and optimised hull lines, its fuel consumption will be best in class, especially in wind and waves. To further improve its performance, the design is ready for wind-assisted propulsion, as it is prepared for the placement of two Econowind VentiFoil®s, which would reduce the fuel consumption and CO<sub>2</sub> emissions by abt. 10%, depending on sailing route.

### **Future-proof design**

The design is highly future-proof. The EEDI of the vessel as calculated as a diesel-driven vessel is already below the phase 3 requirements. Furthermore, a switch of fuel type to future fuels such as liquid hydrogen or ammonia is facilitated by smart arrangement design, where the requirements of the future fuels have been taken into account from the beginning of the conceptual design process.

### **Main particulars of the vessel:**

Length overall	88.00 m
Breadth moulded	13.20 m
Draught design	4.30 m
Draught maximum	5.00 m
Deadweight @ T = 5.00 m	3,640 t
Hold volume	180,105 cu.ft
Service Speed	10.00 kn

Attained EEDI abt. 35% below phase 3 requirements.

### **Return to the North**

Due to production-friendly construction principles, optimised logistics and increased series effects, the construction of these vessels can be carried out competitively at a variety of shipyards in North Western Europe.

*“We are very proud that this ultra-fuel-efficient cargo vessel is developed according to our philosophy to build in series in the North of Europe”, says Maarten Sickler, Director of Conoship International Projects.*

The project was initiated by Conoship International Projects (CIP) based on extensive market research. Conoship International Projects proactively marketed this vessel, looked for clients, and sourced shipyards. Furthermore, CIP actively brokered between finance houses, owner and shipyard.

*"We are delighted with the order," says Carsten Stellamanns, managing director of Fosen Yard Emden. "The order is intended to become a flagship project and attract other similar projects to the region. Since 2019 we want to re-establish shipbuilding in Germany, at least in certain segments with Fosen Yard Emden GmbH, as a member of the Fosen Group. The yard in Emden is located on an area with over 550.000 m2 and has a long tradition of building various types of vessels. Its 100 employees enable it to build high quality at competitive prices."*

The construction of this first series of 6 cargo vessels is planned for spring 2022, while the entire series is expected to be delivered in 2023.

To find out more about THE FUTURE-PROOF CONOSHIP 3600 TDW GENERAL CARGO VESSEL, visit [www.conoship.com](http://www.conoship.com).



**CIP3600 General Cargo Vessel with diesel-electric propulsion** | copyright Conoship International

### **Not for publication**

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#### **About Conoship International**

Conoship International is an ambitious and innovative ship design and engineering office. Founded in 1952 as the central design office for a group of Northern Dutch shipyards, Conoship International developed a strikingly wide range of ships, from general cargo vessels, tankers,

dredgers, to ferries and offshore vessels. Over 2,000 ships were built based on our designs, operating all around the world.

With our multi-disciplinary team, we can provide assistance from the early steps of a project, through feasibility studies, concept design, to providing a full engineer and production package, up to financing, yard selection and production support. This interaction and integration of the various disciplines of ship design and engineering enables Conoship International to create and develop the next level in ship design. [www.conoship.com](http://www.conoship.com)

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