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CONOSHIP'S NEW GENERATION SHORT SEA SHIPPING DESIGNS IN PRODUCTION

Construction of a next generation short sea shipping vessel developed by Conoship International Projects (CIP) started at Gelibolu Shipyard in Turkey. This innovative, diesel-electric and environmentally friendly 3600 tdw general cargo vessel is suited for sea-river operations. This vessel can be considered the new standard for low-air draught sea-river coasters.

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 Econowind VentiFoils®, which would reduce the fuel consumption and CO₂ emissions by abt. 10% annually, 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. Additional elements of the design arrangement facilitate a switch to future fuels. "For example take off the generators and replace them with a methanol power generator set and then put in methanol tanks as well, or take them off completely and put on liquid hydrogen tanks and fuel cells," explains Jan Jaap Nieuwenhuis, Managing Director at Conoship International. "All these redesign possibilities were taken into account from the beginning of the conceptual design process."

New varieties next generation general cargo vessel

Our new design concept looks set to give the industry a boost, while also reducing CO₂ emissions from shipping. Conoship International Projects is working on a number of variants of the ship, including a 3,800 tdw and 5,800 tdw version. A 5800 tdw new design concept is in development and will be brought to market soon.

"We are very proud to contribute with these ultra-fuel-efficient cargo vessels to the zero-emissions target set by the International Maritime Organization (IMO) for 2050", says Maart Sickler, Director of Conoship International Projects.

Ceremonial start of the construction of the 3600 tdw vessel

The ceremonial start of the construction of Gelibolu Shipyards building number NB60 took place on November 24, 2022 at the Gelibolu Shipyard in Turkey. The steel cutting ceremony was attended by Gelibolu District Governor Bekir Arabacı, Gelibolu Mayor Münir Mustafa Özacar, Gelibolu Shipyard's board of directors and employees.



Caption: Ufuk Aksoy, chairman of the board of Gelibolu Shipyard | copyright Gelibolu Shipyard

Holland Shipyards Group will construct 3600 tdw and 3800 tdw vessels

Two more of these 3600 tdw diesel-electric propelled cargo vessels will be constructed by the Dutch based company Holland Shipyards Group. An enlarged version, tween deck fitted, 3800 tdw vessel will be build three times for another undisclosed owner.

The construction of the first cargo vessel started last week ceremonial at Gelibolu Shipyard in Turkey and is expected to be delivered in 2023. The construction of the other five cargo vessels at Holland Shipyards Group in the Netherlands is planned for 2024.

To find out more about THE NEW GENERATION CONOSHIP 3600 TDW GENERAL CARGO VESSEL, visit www.conoship.com.



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



CIP3800 General Cargo Vessel with diesel-electric propulsion | copyright Conoship International



CIP5800 General Cargo Vessel with diesel-electric propulsion | copyright Conoship International

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For further information please contact:

Maarten Sickler, Sales Director, Conoship International, +31 50 526 88 22

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

This 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.

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