

Maritime Nantaise orders ro-con vessels

» French operator Compagnie Maritime Nantaise (CMN) considered a variety of design options before opting for the latest ro-con design of Danish naval architecture company Knud E Hansen. The limited size of the operating areas and port facilities were among the main physical constraints on the design.

CMN signed a contract with Hyundai MIPO of South Korea for two new ro-con vessels and has an option for a third unit.

The main dimensions of the vessels are an overall length of 160m, a breadth of 27m, and a draught of 7.2m. The ro-ro capacity is 2,800 is lane-metres, while the container capacity is 903teu. The service speed is 20kt and the ships can accommodate 12 passengers.

The main deck is loaded by means of a stern and a quarter ramp. The layout has been designed to ensure a steady cargo flow to and from all decks even when using the quarter ramp. It has also been conceived to enable controlled shifting of cargo between the decks at sea.

The internal ramps to the upper deck have been optimised to limit flows within an irregular or unusable space. This has been essential to achieve the specified cargo uptake within the maximum main dimensions.

The vessel features flush deck hatches on the weather deck that enable containers to be loaded and unloaded directly on to the main deck, independent of the ramps.



Knud E Hansen was responsible for the design of this ro-con vessel for Maritime Nantaise