



Knud E. Hansen: Double End Ferry Design

In mid-November, Hvide Sande Skibs- & Baadbyggeri delivered a 50m ferry to Swedish domestic ferry company Ven-Trafiken. The vessels, which name is Uraniborg, will be operating between Landskrona in Sweden and the Swedish island Hven in the Øresund. Knud E. Hansen A/S has been responsible for the Basic Design of the new vessels for the Danish shipyard Hvide Sande Skibe- & Baadbyggeri, including: Class drawings, general design of hull, stability and outfitting, machinery systems arrangement and other documentation.

The vessel has been designed as a double-end passenger ferry and will be carrying trucks, cars and bicycles. The main deck is arranged for easy access for pedestrians and bicycles, and the vessel can carry up to 394 passengers and up to 14 cars or 2 trailers and 7 cars.

The vessel has also two engine rooms, one located in each end. The two high efficiency azimuth thrusters, one at each end of the vessel, have contra rotating double screw fixed pitch propeller directly driven by a high speed diesel engine.