

EXCEPTIONAL COOPERATION

- After an evaluation of who we should use to design the ship, Salt Ship Design emerged on top, Rokstad explains before elaborating: - Salt is a great team of talented people. They have good ideas and remain creative throughout the process. The cooperation has been very successful.

Accommodation

After massive success in the flotel market, Edda Accommodation, which is operated by Østensjø Rederi, has ordered a new mono-hull flotel. Salt Ship Design has been involved throughout the whole process, and the cooperation between CEO Johan Rokstad (right) and Salt's naval architects is truly exceptional - together they are lifting the offshore flotel concept and seeing possibilities rather than limitations.



Experience

Knowledge and experience from previous flotel projects form the basis for Østensjø's desire to go one step further. Edda Fides has proved a massive success and is in great demand, and Rokstad believes that there is a need for another flotel on the market. The ship has operated in locations such as the Mediterranean Sea, Singapore, in the UK North Sea sector and in the Bass Strait in Australia. The accommodation ships are being built to operate worldwide, and the concept has received a lot of praise.

- There has been a great demand for Edda Fides, and it was the positive response from the market that made us decide to develop and build a larger mono-hull flotel, Rokstad says.



Norwegian Crown Prince Haakon and Crown Princess Mette-Marit visited Edda Accommodation's stand at the OTC in Houston

Newbuilding

The main design parameter for this type of vessel is motion characteristics in the bow. A 55.5 metre long telescopic gangway, the actual connection between the vessel and the rig, must be kept as still as possible despite challenging weather conditions. The new ship will measure 155 meters from bow to stern, and have a capacity of 800 persons. In the design process, Edda Accommodation has emphasised giving the flotel a luxurious look, focusing on the comfort of crew and passengers. Modern facilities such as a sauna, two swimming pools, a conference area, an auditorium and a running track will help provide the newbuilding with an exclusive cruise feel and make the vessel more attractive to the customers.

- It is all about flexibility and easy operation. It will be easy for the shipping company to have access to the area and connect the walkway to the platform, Rokstad says.

The newbuilding will be twice the size of Edda Fides, resulting in reduced motions.

The design process

In the new design, the shape of the hull is unique. Since the connecting point requires as little motion as possible, this has influenced the whole shape of the ship. Six propellers work independently of each other, and Johannes Eldøy explains a design process with intense work in order to achieve the best result possible. To mention one example, Computational Fluid Dynamics (CFD) and thorough testing have been carried out in SINTEF MARINTEK's ocean basin. Because of this, Eldøy and his team have all along been in a position to adjust the ship and her seakeeping qualities for the best possible results, and gather extensive documentation to prove that it works. Østensjø's experienced sailors and Salt's experts within all relevant technical disciplines have been actively participating throughout the design process in order to ensure that their experience and views are taken into consideration. Now everything is ready, and Hyundai Heavy Industries Co. Ltd. in Korea has started the construction of the vessel.

- We are proud to cooperate with the world's largest ship building company, Eldøy says.



Limitless cooperation

The excitement is tangible in the meeting room. When Rokstad and Eldøy meet, most boundaries that tie others to standard solutions and tested ideas are erased. A new ship is in the melting pot, and the ideas that are exchanged are ambitious, yet doable. There is a foothold in reality, combined with a desire to create new things. Rokstad reaches for a napkin and sketches quickly. Many of the best ideas start out on a napkin, he explains. The final adjustments before the OTC conference in Houston are carried out, and the team is filled with great creative excitement. Eldøy explains that it is a dream both on a professional and a personal level to work with Østensjø and this project.

- Østensjø are open and motivating, he says.
- This is groundbreaking, and we need some wild ideas before we combine the best and most practical ones. We thoroughly enjoy the creative phase, Rokstad explains.

