



The Aker Arctic designed module carriers are equipped with propellers we have custom-designed for them.

Propeller delivery for Arctic Module Carriers

Aker Arctic took full responsibility of delivering the propellers for the two Polar-class heavy deck carriers constructed at Guangzhou Shipyard in China. The propeller delivery service was successful and fulfilled the customer's high quality and short delivery time requirements.

The first one of the two Aker Arctic designed Polar-class heavy deck carriers is already in use and busy transporting construction modules to the arctic LNG plant being built in Sabetta.

Special propellers

The customer trusted us with the delivery of the propellers. Our partner in Russia, Zvyozdochka, manufactured the propellers based on Aker Arctic's design. The installation was then done at Guangzhou shipyard under our supervision.

"We were fully responsible for the vessels' propellers," says Kari Laukia, head of ship design and engineering at Aker Arctic.

"These propellers are very special as they are suitable for extremely demanding use in heavy ice conditions. They were part of our design work, and therefore we could take responsibility that they would work as they should," Laukia adds.

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The vessel's successful sea trials were conducted in January where all the requirements were met.

The benefit for the customer was to get high quality custom-designed propellers within the agreed delivery time in the extremely tight construction schedule.

"We have very good partners and suppliers that we have worked together with for many years and, in addition, a demanding customer. That is the best recipe for success," Laukia says.

High quality solution

"The design and delivery of these special high ice class propellers in a tight schedule showed the quality and how effectively we work. This service is something we offer in selected vessel projects where there is a clear benefit to our customer to use a combined service package. Our expertise in propulsion design combined with our vessel design guarantees our customers a high quality and cost-efficient solution." ■

