

## Deltamarin participates in Arctic module carrier design

Deltamarin Ltd is pleased to announce that it provides Aker Arctic Technology Inc. with basic design services for two polar class heavy deck carriers. The ships are intended for carrying heavy project cargoes in large modules to Yamal LNG plant construction site on the Russian Yamal peninsula.

Aker Arctic has developed the ship concept with its client ZPCM-Red Box Energy Services and provides the basic design for Guangzhou Shipyard International Co. Ltd. Deltamarin will assist Aker Arctic by carrying out the major part of the basic design. Deltamarin's scope of work includes development of plans and drawings for the class approval phase of the building process. The contract includes all disciplines: hull, outfitting, interior, machinery and electrical.

The carriers are heavy cargo ships with a wide cargo deck designed for the very special circumstances of the Northern Sea Route. Their main dimensions are 206.6 m in overall length and 43.0 m in beam, and they can carry a deck load of maximum 21,800 tons. *"To keep the construction of the LNG plant on schedule the ships are designed for year-round operation and exceptional ice conditions. The ice class is therefore Polar Class 3", explains Oskari Jaakkola, Director, Offshore Oil & Gas at Deltamarin.* The carriers follow the zero-dumping principle as all solid and liquid wastes will be stored on board and discharged to shore.

Aker Arctic is the main contractor for the design of the vessels. The carriers will be constructed in China at the Guangzhou Shipyard International Co. Ltd for Red Box Energy Services. Delivery is planned by the end of 2015.



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*About Deltamarin Ltd:*

Deltamarin is a ship design, offshore engineering and construction Group operating in the marine and offshore industries worldwide. The services include the full range of consulting, design and engineering as well as procurement, construction and installation. The Group employs around 400 experts in its own and associated companies located in Europe and Asia. Deltamarin is a subsidiary of AVIC International Maritime Holdings Limited.

[www.deltamarin.com](http://www.deltamarin.com)

*About Aker Arctic Technology Inc.:*

Aker Arctic Technology Inc. (Aker Arctic) is an independent company specialising in the development, design, engineering and testing services for the ice going vessels, icebreakers and offshore marine structures and ports.

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