

## **HANSA HEAVY LIFT vessel sails open hatch to deliver tall cranes**

HANSA HEAVY LIFT's 3D software simulates lift before the voyage to ensure safe loading and installation during discharge of three cranes.

HHL Venice has sailed through the Bosphorus open hatch to move three cranes from Split/Croatia, to Yushny/ Ukraine.

One crane was shipped dismantled, whilst the remaining two were transported under deck and fully erected with the vessel sailing open hatch.

"Stability during the lift was critical because of the draft restrictions in the port of loading" said Christoph Ruck, Project & Transport Engineer, HANSA HEAVY LIFT.

"We undertook a Motion Response Analysis of the vessel for this voyage and worked very closely with the crane manufacturer to ensure we had the correct seafastening method in place."

The available draught alongside during the lift was on average only seven meters so that clearance below the keel was sometimes limited to 50 cm. The cargo had challenging 28 meter high lifting points.

HANSA HEAVY LIFT's 3D software was used to simulate the loading and installation alongside in Yushny in advance of the voyage to ensure the clearance between the vessel cranes and the cargo would be sufficient on loading.

Dealex Transport chartered the project on behalf of crane manufacturer Kirow Ardelt.

"Our fleet is ideally suited to support this type of cargo and we are always pleased to be able to work closely with a customer to overcome this type of challenge. Our six step process really came into play to make this a successful voyage with the 3D simulation having an important role in the careful planning needed for this move," said Joerg Roehl, CCO, HANSA HEAVY LIFT.

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## **About HANSA HEAVY LIFT**

**HANSA** HEAVY LIFT GmbH specialises in Super Heavy Lift, Heavy Lift and Project Cargo. The company is a world market leader in the heavy lift business and operates a modern fleet of 22 vessels which are on average three years old. The Team is committed to quality, reliability and a customer focused service. Customers' cargoes are handled with the highest degree of safety and professionalism worldwide.

**HANSA** HEAVY LIFT is wholly owned by Oaktree. Oaktree is an international, long-term investor providing financial resources and operational capabilities to support companies in achieving growth and long-term value. It has more than \$80 billion of assets under management.

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