

Press Release

May 26, 2014

CONVERSION OF CMA CGM HUGO MARKS THE BEGINNING OF A SERIES OF SHIP MODIFICATIONS BY REEDEREI NSB

Container ships which were built before 2012 have been optimized for speeds of 25kn. Due to the extreme rise in fuel costs they are not economical anymore. Considerable fuel savings can be achieved with these ships by significantly reducing their speed. In addition, modifications to the hull and propulsion technology can further reduce fuel consumption which improves overall competitiveness of these vessels. CMA CGM HUGO is the first of a series of vessels of REEDEREI NSB whose bulbous bow has now been modified at a Chinese shipyard.

As part of the class renewal the installation of the new bulbous bow was conducted at CIC Shanghai shipyards under the supervision of an expert team of REEDEREI NSB. Overall, six blocks were assembled to one big section with a weight of 250,000kg. Subsequently, the bulbous bow was exchanged completely. The construction time of the bow was 50 days, the installation of the bow in the shipyard took ten days.

Matching market requirements, the design was optimized for slower speeds and a shallower draft. Thanks to the new design, significant fuel savings at an estimated amount of five per cent can be achieved on the one hand – on the other, CO₂ emissions are also reduced.

With its TOM (for Technical Operating Materials) department, REEDEREI NSB employs a team of specialists which constantly analyzes the technical performance of the managed ships and which implements measures to improve energy efficiency. Beyond monitoring and consumption optimization, the department conducts a holistic performance management.

The modification of CMA CGM HUGO is the beginning of a number of conversions to the bulbous bows of REEDEREI NSB's ships. For additional information please visit <http://www.reederei-nsb.de/en/knowledge>.

About REEDEREI NSB:

NSB Niederelbe Schifffahrtsgesellschaft mbH & Co. KG (REEDEREI NSB) is one of the leading container shipping companies in the world. With a fleet of 71 vessels, the company which was founded in 1982 provides quality "Made in Germany". Apart from the ship management of container ships, tankers and offshore jack-up vessels, REEDEREI NSB is supervising newbuildings and is active in crewing of both its own ships as well as vessels of other parties.

At its own NSBacademy, which employs a modern Ship Handling-Simulator, employees from ashore and seafarers are trained and educated on a regular basis. In its headquarters in Buxtehude and its branches in the United States, Korea and Singapore, REEDEREI NSB employs approximately 200 men and women and 2,700 seafarers.



Key data of REEDEREI NSB

TDW overall:	4,039,463
TEU capacity:	347,770
Fleet size:	71 ships
NSB employees	
at sea:	approx. 2,700
on shore:	approx. 200

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