



World's First LNG-Powered Bulker with ME-GI Prime Mover Announced

Copenhagen,
13/07/2016

After a period of negotiation, Korean shipowner, ILSHIN and HMD (Hyundai Mipo Dockyard Co., Ltd.) have signed a shipbuilding contract for a 50,000 dwt bulk carrier. As a world first for the segment, the vessel will be powered by an MAN B&W 6G50ME-C9.5-GI engine, to be built by HHI-EMD who will also supply the ME-GI and fuel gas supply system.

POSCO, the multinational steel-making company headquartered in Pohang, South Korea, has already agreed to charter the newbuilding upon delivery, and will use the vessel to transport limestone for its operations. POSCO will deliver the LNG fuel tank, which will be made of high-Mn steel as an alternative material to the currently widely used nickel alloy.

About the ME-GI engine

The ME-GI dual fuel low speed diesel engine represents the culmination of many years of development work. Depending on relative price and availability, as well as environmental considerations, the ME-GI engine gives shipowners and operators the option of using either HFO or gas – predominantly natural gas.

MAN Diesel & Turbo sees significant opportunities arising for gas-fuelled tonnage as concerns about both CO₂ and SO_x emission increase. Indeed, research indicates that the ME-GI engine delivers significant reductions in CO₂, NO_x and SO_x emissions. Furthermore, the ME-GI engine – in contrast to competing engines – has only a negligible, unburnt gas slip, consequently adding very little to the greenhouse effects of such slips. In addition, the Diesel combustion principle leaves no formaldehyde emissions. Altogether, this makes the ME-GI engine series the most environmentally-friendly technology available for marine propulsion.

About MAN Diesel & Turbo

MAN Diesel & Turbo SE, based in Augsburg, Germany, is the world's leading provider of large-bore diesel and gas engines and turbomachinery. The company employs around 15,000 staff at more than 100 international sites, primarily in Germany, Denmark, France, Switzerland, the Czech Republic, India and China. The company's product portfolio includes two-stroke and four-stroke engines for marine and stationary applications, turbochargers and propellers as well as gas and steam turbines, compressors and chemical reactors. The range of services and supplies is rounded off by complete solutions like ship propulsion systems, engine-based power plants and turbomachinery trains for the oil & gas as well as the process industries. Customers receive worldwide after-sales services marketed under the MAN PrimeServ brand.

Ref.: 6510-0426

MAN Diesel & Turbo SE
Teglholmegade 41
DK-2450 Copenhagen SV
DENMARK
www.mandieselturbo.com

Marketing & Documentation

Further information:
Peter Dan Petersen
Tel.: +45 33 85 14 70
peterd.petersen@man.eu

Graphics and images:
Mia Toft Sørensen
Tel.: +45 33 85 15 90
mia.soerensen@man.eu