
Press release

Copenhagen, 28.08.2024

MAN Energy Solutions SE
Teglhølmegade 41,
2450 Copenhagen SV,
Denmark
www.man-es.com

Group Communications
Nils Søholt
P +45 33 85 26 69
Nils.Soholt@man-es.com

Methane-Fuelled ME-GI Engines Continue to Lead Way with Lowest Methane Slip and Highest Fuel Efficiency

ME-GI main engines to power Eastern Pacific Shipping's latest vessel order amidst recent container boom

New Times Shipbuilding Co. Ltd. of Jiangsu province, China has ordered 12 × 8G95ME-GI (-Gas Injection) Mk10.5 main engines in connection with the construction of 12 × 18,000 teu container vessels for Eastern Pacific Shipping (EPS), the Singapore-based shipping company.

Bjarne Foldager – Country Manager, Denmark – MAN Energy Solutions, said: “This new, sizable order reflects the great momentum the ME-GI engine has experienced during the building boom that the Very Large Container Vessel segment is currently experiencing. EPS is an old acquaintance of MAN Energy Solutions with whom we have built an excellent relationship over the years. This is just the latest in a series of mutual, recent ME-GI projects and we thank them for placing their trust in us again.”

Thomas S. Hansen – Head of Two-Stroke Sales and Promotion – MAN Energy Solutions, said: “The ME-GI’s mature technology brings a number of advantages to the table, not least its guaranteed, extremely low levels of methane slip that make it the most future-proof methane engine on the market. It also has the highest fuel efficiency in its class, which explains why the G95ME-GI Mk10.5 has been specified for more than 60 Very Large Container Vessel newbuilds in just the past two months. The ME-GI is furthermore capable of operating on bio-methane and synthetic natural gas that render it net-zero and provide a viable decarbonisation pathway for shipowners.”

The ME-GI engine – the industrial standard

MAN Energy Solutions successful ME-GI (-Gas Injection) engine has set a new industrial standard for two-stroke propulsion engines aboard – among others – RoRo vessels, PCTCs, container vessels, bulk carriers, tankers and LNG carriers. The ME-GI engine provides ship owners, charterers and operators with a peerless solution within environmentally friendly and high-efficiency, two-stroke technology but without the prominent methane-slip emissions that are characteristic of competing engines.

The Diesel principle not only provides the ME-GI engine with high operational stability and efficiency, but also ensures 100% reliable operation during load changes on gas with just normal additions of pilot-oil amounts. Furthermore, the ME-GI operational principles features a seamless change-over between gas and diesel operation. The ME-GI engine is the most environmentally-friendly technology available within the LNG-fuelled, two-stroke engine segment.

MAN Energy Solutions has also developed an ME-LGI (-Liquid Gas Injection) dual-fuel engine that expands the company's dual-fuel portfolio, enabling the use of sustainable fuels such as green methanol.



The ME-LGI engine

MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.