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## **MAN 175D Selected for First IMO Tier III-Compliant Harbour Tug Designed for Operation in Mediterranean**

### **2 x IMO Tier III-compliant 12V175D MM engines to power harbour pusher tug**

MAN Energy Solutions has won the contract to supply the engines for a new harbour tug in Spain. P&O Reyser will operate the 27-metre newbuild, 75T bollard-pull-rated Asymmetric Tractor Tug (ATT) in the Port of Barcelona, which is expected to enter service from mid-2020.

The vessel will feature 2 x MAN 12V175D MM, IMO Tier III engines, each rated at 2,220 kW<sub>m</sub>. The engines will be connected to FPP azimuth thrusters for propulsion, whilst also providing power to support on-board towing and fire-fighting capabilities. The engines will be supplied in accordance with Lloyds Register Society classification rules.

Lex Nijsen, Head of Four-Stroke Marine Sales, MAN Energy Solutions said: “The MAN 175D is experiencing a growing number of references within different segments and I’m pleased that we have won the trust of such a key marine segment. In this particular instance, our propulsion package was chosen because of its compact footprint, fuel-efficient performance and the flexible design approach taken with the SCR layout. Winning this order also fits well with our intention to increasingly become a supplier of complete propulsion solutions.”

The engines, along with the associated SCR exhaust-gas emissions-after-treatment system, will be supplied to Drydocks World-Dubai shipyard, who are undertaking the vessel construction, direct from MAN Energy Solutions’ new MAN 175D production facility, located in Frederikshavn, Denmark.

“This is an important project for P&O Reyser, P&O Maritime and Drydocks World Dubai’s combined resources and our decision and confidence in selecting MAN Energy Solutions is integral with our vision of Maritime Excellence,” said Rado Antolovic, CEO & MD of the Maritime Services Division of DP World.

This will be the first IMO Tier III-compliant Harbour Tug for P&O Maritime, and also the first harbour tug for operation in the Mediterranean area complying with IMO Tier III, MARPOL Annex VI.

“MAN Energy Solutions and P&O Maritime have worked together for the last two years in order to achieve a state of the art tug complying with the most strict environmental requirements for deployment in the Port of Barcelona,” said Iñigo Garcia, Managing Director of P&O Reyser.

Cintranaval, a top Spanish ship design office, has also been a key player in this process offering their expertise from up to 300 tugboats and offshore vessels designed over more than 50 years.

### About the MAN 175D engine

MAN Energy Solutions has developed the MAN 175D engine range to supplement and complete its product portfolio in the maritime sector. The 12-cylinder variant of the engine is available with an output ranging from 1,500 to 2,220 Kilowatts and is optimised for propelling ferries, offshore supply vessels, tug boats and other working vessels. Other market areas, such as super-yachts and naval marine applications are also served by additional, specialist model versions. It is also an extremely eco-friendly engine, being designed from the outset with compliance to the latest, as well as future, exhaust-gas-emission requirements and utilises a very compact and flexible SCR system, which enables vessel designers to optimise space on board to the maximum.

### About P&O Reyser

P&O Reyser is a leader in towing, mooring and auxiliary services in the Spanish port market. With more than 60 years of experience, it operates in 11 ports with a total fleet of more than 100 vessels in service. It is part of P&O Maritime, one of the core companies of the Maritime Services Division of DP World; others include Drydocks World-Dubai, P&O Ports, P&O Marinas and Dubai Maritime City.



*Graphical rendering of the new harbour tug bound for the Port of Barcelona (picture courtesy Cintranaval)*

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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.