

MAN PrimeServ Signs Maintenance Contract for ‘*Samuel de Champlain*’ Dredger

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Long-term service contract includes supply of spare parts and provision of preventative-maintenance services for MAN 35/44 dual-fuel engines for provisional eight-year period

MAN PrimeServ, the after-sales service brand of MAN Energy Solutions, has signed a long-term service agreement (LTSA) with GIE Dragages-Ports, which includes inspection kits and preventative maintenance services as well as remote assistance (PrimeServ Assist) and engine-fluid analysis (PrimeServ LAB).

The *Samuel de Champlain* dredger (117 m, 8,500 m³) belongs to GIE Dragages-Ports, headquartered in Rouen, and is fitted out and operated by the Grand Port Maritime de Nantes Saint-Nazaire (Nantes Saint-Nazaire Port).

Three years ago, the vessel was converted to LNG, which involved replacing its diesel generators with 3 × MAN 6L35/44DF engines that can run on diesel fuel and gas; simultaneously, an LNG storage system was also installed on board. The conversion of the *Samuel de Champlain* to liquefied natural gas was the first of its kind in Europe.

“Based on the experience we had with MAN Energy Solutions when converting the dredger, we wanted to renew our trust in the MAN Energy Solutions team that has a great deal of expertise,” remarked Hubert Louys, Maintenance Manager for Dragages-Ports.

“We are happy to continue our partnership on this project beyond the installation of the new engine, carried out in 2019. Work to optimise maintenance plans has since been carried out in close collaboration with GIE to ensure the dredger’s increased availability,” stated Jordan Morvan, Project Manager, MAN Energy Solutions France.

The MAN 35/44DF engine

The MAN 35/44DF propulsion solution has exceptional performance criteria and a small environmental footprint. Its selection was due to certain, crucial characteristics, including:

- an outstanding load capacity – capable of handling the large load fluctuations typical in dredging applications;
- the option of dredging continuously in gas mode (Tier III) without swapping to diesel mode (Tier II);
- the ability to start in gas mode for minimal NO_x emissions from the start of operations.

About GIE Dragages-Ports

GIE Dragages-Ports owns a fleet of seven dredgers, operating in eight major ports along France's Atlantic, English Channel and North Sea coastlines.

The *Samuel de Champlain* was built in 2002 and is the biggest vessel in the GIE Dragages-Ports fleet. Based at the Nantes Saint-Nazaire port, the vessel operates in the Loire and Seine estuaries.



The MAN Energy Solutions France team on board the dredger



The Samuel de Champlain (photo credit: Dragages-Ports)



The MAN 35/44DF engine

Man Energy Solutions enables its customers to achieve sustainable growth and supports them in the transition to a decarbonized world. Ready to meet the challenges of tomorrow in the maritime, energy and industrial sectors, we improve efficiency and performance at a systemic level thanks to integrated solutions. Having been a pioneer in industrial engineering for more than 250 years, we offer a unique technology portfolio. MAN Energy Solutions has its head office in Germany and employs 14,000 people across more than 120 sites around the world. Our after-sales brand, MAN PrimeServ, offers a major international network of service centers to our customers.