

## **GTT notified by Hudong-Zhonghua for the design of the LNG Fuel tank as part of the retrofit of Hapag Lloyd MV SAJIR container ship**

**Paris – April 15<sup>th</sup>, 2019.** GTT has received an order notification from Chinese shipyard Hudong-Zhonghua Shipbuilding, for the design of the LNG Fuel tank as part of the full retrofit of MV SAJIR, an Ultra Large Container Vessel with a capacity of 15,000 TEU<sup>1</sup>, on behalf of the ship-owner Hapag Lloyd. The retrofit project of the vessel has been carried out with the Hamburg based ship designer Technolog, the maritime solution provider MAN Energy Solution and its subsidiary MAN Cryo.

The design of the project is based on the use of an exoskeleton-type structure which obtained a GASA<sup>2</sup> by DNV-GL in 2017. The structure, pre-equipped with GTT's [Mark III](#) cryogenic containment system, will be installed and integrated into a cargo bay of the current vessel.

By using the ship's structure as a support, this exoskeleton solution reduces the weight of the tank and shortens the retrofit time of the ship. This 6,500 m<sup>3</sup> LNG tank will offer more efficient space utilisation for fuel storage. The completion of the ship's retrofit is planned during the first semester of 2020.

Philippe Berterottière, Chairman and CEO of GTT commented: *"We are very proud to take part in this project with the Mark III membrane containment system. It will be the first ever retrofit of this kind for the use of LNG as a marine fuel. GTT is pleased to answer its client's requirement with tailor made solutions in a challenging environment."*

### **About GTT**

GTT (Gaztransport & Technigaz) is an engineering company expert in containment systems with cryogenic membranes used to transport and store liquefied gas, in particular LNG (Liquefied Natural Gas). For over 50 years, GTT has been maintaining reliable relationships with all stakeholders of the gas industry (shipyards, shipowners, gas companies, terminal operators, classification societies). The company designs and provides technologies which combine operational efficiency and safety, to equip LNG carriers, floating terminals, and multi-gas carriers. GTT also develops solutions dedicated to land storage and to the use of LNG as fuel for the vessel propulsion, as well as a full range of services.

GTT is listed on Euronext Paris, Compartment A (ISIN FR0011726835 Euronext Paris: GTT) and is notably included in SBF 120 and MSCI Small Cap indices.

For more information, visit [www.gtt.fr](http://www.gtt.fr)

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<sup>1</sup> Twenty feet Equivalent Unit

<sup>2</sup> General Approval for Ship Application



Press Release

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