

GTT is selected by Hyundai Samho Heavy Industries to design the tanks for six LNG-fueled container vessels with its membrane containment technology, as well as providing the GTT Digital smart shipping solutions

Paris – January 27th, 2022. GTT has received an order from its partner, the Korean shipyard Hyundai Samho Heavy Industries (HSHI), for the fuel tank design of six LNG-fueled container vessels. The ship-owner and the charterer, both Europeans, remain anonymous at this stage.

These six new vessels, each with a capacity of 15,600 containers, will be equipped with LNG tanks, each holding up to 12,700 m³ of LNG used as fuel. The tanks will be fitted with the [Mark III Flex](#) membrane containment technology, developed by GTT. The delivery of these six vessels will take place throughout 2024.

LNG is today the best marine fuel to preserve air quality, a major public health issue. It reduces sulphur oxide emissions by 99%, fine particles by 91% and nitrous oxide emissions by 92%. It also reduces ship CO₂ emissions by up to 20% compared to a conventional ship.

GTT will provide the engineering services and on-site technical assistance and will assist the operator through every step of their first LNG-fueled project: commissioning of the LNG tank, first LNG bunkering operations, as well as further specific LNG operations and maintenance of the vessels.

Moreover, GTT will provide LNG training for the crews, supported by its proprietary G-Sim[®] training simulator, which replicates the future LNG operations of the vessels. GTT will also offer its HEARS[®] emergency response service with 24/7 technical assistance.

In addition, GTT will fit these six vessels with its “GTT Digital” platform, a smart shipping solution to monitor and optimize the operational performance of the vessels and further reduce their energy consumption and environmental footprint.

Philippe Berterottière, Chairman and CEO of GTT, declared: *"In a context of decarbonization of the maritime industry, we are pleased that our partner Hyundai Samho Heavy Industries is reiterating, with this new order, its confidence in GTT. We are particularly proud that leading shipbuilders recognize GTT's expertise in the area of LNG used as fuel, and choose our innovative solutions both in LNG as fuel and smart shipping, proof of their effectiveness in addressing the environmental challenges of maritime transport."*



Press Release

About GTT

GTT is a technological expert in containment systems with cryogenic membranes used to transport and store liquefied gases. For over 50 years, GTT has been designing and providing cutting-edge technologies for a better energy performance, which combine operational efficiency and safety, to equip LNG carriers, floating terminals, land storage, and multi-gas carriers. GTT also develops systems dedicated to the use of LNG as fuel, as well as a full range of services, including digital services in the field of Smart Shipping. The Group is also active in hydrogen through its subsidiary Elogen, which designs and assembles electrolyzers notably for the production of green hydrogen.

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.

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