

## GTT receives an order from Yangzijiang to design the tanks of ten ultra large LNG-fueled container vessels

**Paris – July 26, 2023.** GTT announces that it has received an order, in July 2023, from its partner the Chinese shipyard Yangzijiang, to design the cryogenic fuel tanks of ten ultra large container vessels fueled with liquefied natural gas (LNG).

Used as a marine fuel, LNG is today the best available industrial tool 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 CO<sub>2</sub> emissions by up to 25% compared to a conventional ship.

These ten container vessels of 24,000 TEU each will be equipped with one single LNG fuel tank, with a capacity of 18,600 m<sup>3</sup>. The tanks will be fitted with the [Mark III](#) membrane containment technology, developed by GTT, offering a low and guaranteed Boil-Off Rate (BOR) for improved vessel operations.

The delivery of these vessels is scheduled between the second quarter of 2026 and the first quarter of 2028.

In addition to the engineering services and technical assistance to the shipyard, GTT will assist the operator through every step of its LNG-fueled project: commissioning of the LNG tank, first LNG bunkering operations, further operations and maintenance of the vessels. GTT will also provide LNG training for the crews, supported by its proprietary G-Sim® training simulator, which replicates the future LNG operations of the vessels, as well as its HEARS® emergency response service with 24/7 technical assistance.

In addition, GTT will fit these ten vessels with Ascenz Marorka<sup>1</sup> digital solutions, to monitor and optimize the operational performance of the vessels and further reduce their energy consumption and environmental footprint.

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<sup>1</sup> Ascenz Marorka, a GTT brand, is a leading provider of digital solutions for Smart Ships in the maritime industry, offering the one of the most comprehensive, innovative and reliable digital platforms for ship owners and charterers around the world. For more information, visit <https://www.ascenzmarorka.com/>

### **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.

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

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