

GTT upgrades its NO96 technology to further reduce the guaranteed Boil Off Rate

Paris – April 15th, 2021. GTT has developed the NO96 Super+, an evolution of the NO96 Cargo Containment System (CCS), which has recently received an Approval in Principle (AiP) from the classification society Bureau Veritas.

The new NO96 Super+ technology integrates insulating Reinforced Polyurethane Foam (R-PUF) panels instead of plywood boxes, used for both the primary and secondary insulation spaces, to reduce the heat ingress inside the tank. Glass Wool flat joints are also inserted between adjacent foam panels to optimize the behavior of the system and ensure it the best thermal performance.

NO96 Super+ maintains the main features of the NO96 technology that have been key factors in its success, in particular the principle of double Invar® metallic membranes and the mechanical anchors fixing the insulating panels to the inner hull..

With this innovation, GTT reduces once again the evaporation of the cargo during operations, NO96 Super+ offering a guaranteed Boil Off Rate (BOR) of 0,085%V/d for the current standard size design of LNG Carrier of 174.000 m³ (Further reductions down to 0,08%V/d are possible for larger capacities such as 200.000 m³ thanks to scale effects).

The first mock-up using the NO96 Super+ technology was erected in February 2021 and validated the satisfactory assembly of the CCS. Final class approval should be obtained by mid-2021.

Mr. Philippe Berterottière, Chairman and CEO of GTT declared: *“With the introduction of NO96 Super+ technology, GTT demonstrates its ability to continuously innovate and upgrade its technologies to meet our customers’ requirements. Reducing the Boil Off Rate is key to the industry at a time when ship-owners and shipyards face increasing economic and regulatory challenges.”*

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.



Press Release

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