

GTT launches a new Smart Shipping solution to optimize vessel operational and environmental performance

Paris – September 9th, 2021. GTT launches **LNG Optim**, a new digital “Smart Shipping” solution. This tool helps LNG operators, and LNGC¹ or LNG-fueled vessel ship-owners, to prepare the voyages of their vessels in order to reduce the overall fuel consumption and to manage Boil-off gas in the tanks.

For several years, GTT Group has been extending its range of services to support the maritime industry in its digital and energy transformation, with the launch of Smart Shipping solutions to optimize the energy performance of ships.

The **LNG Optim** solution, based on GTT's unique expertise in studying boil-off gas management and developed in collaboration with the Group's subsidiaries, Ascenz, Marorka and OSE Engineering, has already been adopted by major players in LNG shipping.

The studies performed by GTT to design this solution took into account the modelling of complex phenomena such as LNG ageing², the influence of sea states on Boil-off gas generation, as well as the impact of active systems like reliquefaction plants and sub-coolers.

Philippe Berterottière, Chairman and CEO of GTT, declares: *“This new technological innovation from GTT, which is the result of joint work between the different teams of the Group, marks our ambition in the very promising field of “Smart Shipping”. Our Digital offer aims to support ship-owners, charterers and operators in the energy transition, by optimizing the operational and environmental performance of their LNG-fueled vessels”.*

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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¹ Liquefied Natural Gas Carriers

² LNG storage in tank can lead to an evaporation process, due to heat ingress through the insulation, which is called LNG ageing