

## GTT Secures Two Major Approvals for its GTT NEXT1 LNG Cargo Containment System

**Paris – 6 June 2024.** – GTT, the technology expert in membrane containment systems used to transport and store liquefied gases, has obtained a Design Approval (DA) from the classification society Bureau Veritas and a General Approval for Ship Application (GASA) from Lloyd's Register for its GTT [NEXT1](#) LNG cargo containment system.

These two approvals, officially granted at the Posidonia 2024 maritime show in Athens, mark a major milestone for GTT NEXT1 technology. Through them, Bureau Veritas and Lloyd's Register confirm that the technology complies with all applicable rules and regulations, including the International Maritime Organization's International Gas Carrier Code (IMO IGC Code). With these two approvals, GTT NEXT1 technology is now ready for commercial deployment.

GTT NEXT1 technology aims to offer a thermal level of performance equivalent to that of Mark III Flex+ technology<sup>1</sup> while using two metallic barriers. The use of prefabricated reinforced polyurethane foam panels to support the two membranes provides the best compromise between thermal and mechanical performance. The secondary barrier is made of Invar, and the design of the first barrier is based on the existing corrugated stainless steel concept, similar to that of the Mark technologies. By activating these design levers, it is possible to deliver significant performance improvements, while using proven materials and components.

**Philippe Berterottière, Chairman and CEO of GTT, stated:** *"The approvals from Bureau Veritas and Lloyd's Register for our GTT NEXT1 LNG cargo containment system demonstrate our unwavering commitment to innovation and technological excellence. We are proud to present this cutting-edge solution, which combines the best of our proven technologies with new advancements, ensuring optimal performance and improved reliability for the transportation of liquefied natural gas."*

**Matthieu de Tugny, President of Bureau Veritas Marine & Offshore, commented:** *"I would like to congratulate GTT on the development of this GTT NEXT1 cargo containment system - another significant GTT technological advancement, providing ever-more efficient solutions for moving by sea the cleanest energy, globally available at scale. Bureau Veritas experts have been there every step of the way. We are so very proud to be involved in this latest evolution, reflecting our commitment to helping secure safe and reliable solutions for the transportation of liquefied natural gas working yet again in collaboration with GTT."*

**Panos Mitrou, Gas Segment Director, at Lloyd's Register, said:** *"In the GTT NEXT1 LNG cargo containment system, GTT combines the strengths of Mark III and NO96 technology, creating a membrane*

---

<sup>1</sup> Mark III Flex+ offers a guaranteed boil-off rate of 0,07% of cargo volume per day.

*system that sets a new standard in efficiency and reliability. This General Approval signifies readiness for GTT NEXT1 containment system application on Lloyd's Register Class ships."*

### **About GTT**

GTT is a technology and engineering group with expertise in the design and development of cryogenic membrane containment systems for use in the transport and storage of liquefied gases. Over the past 60 years, the GTT Group has designed and developed, to the highest standards of excellence, some of the most innovative technologies used in LNG carriers, floating terminals, onshore storage tanks and multi-gas carriers. As part of its commitment to building a sustainable world, GTT develops new solutions designed to support ship-owners and energy providers in their journey towards a decarbonised future. As such, the Group offers systems designed to enable commercial vessels to use LNG as fuel, develops cutting-edge digital solutions to enhance vessels' economic and environmental performance, and actively pursues innovation in the field of zero-carbon solutions. Through its subsidiary, Elogen, which designs and manufactures proton exchange membrane (PEM) electrolyzers, GTT is also actively involved in the green hydrogen sector.

GTT is listed on Euronext Paris, Compartment A (ISIN FR0011726835 Euronext Paris: GTT) and is notably included in SBF 120, Stoxx Europe 600 and MSCI Small Cap indices.

**Investor Relations Contact:** [information-financiere@gtt.fr](mailto:information-financiere@gtt.fr) / +33 1 30 23 20 87

**Press Contact:** [press@gtt.fr](mailto:press@gtt.fr) / +33 1 30 23 56 37

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

### **About Bureau Veritas**

Bureau Veritas is a world leader in laboratory testing, inspection and certification services. Created in 1828, the Group has close to 80,000 employees located in nearly 1,600 offices and laboratories around the globe. Bureau Veritas helps its 400,000 clients improve their performance by offering services and innovative solutions in order to ensure that their assets, products, infrastructure and processes meet standards and regulations in terms of quality, health and safety, environmental protection and social responsibility.

Bureau Veritas is listed on Euronext Paris and belongs to the CAC 40 ESG, CAC Next 20 and SBF 120 indices. Compartment A, ISIN code FR 0006174348, stock symbol: BVI.

For more information, visit [www.bureauveritas.com](http://www.bureauveritas.com), and follow us on [Twitter](#) (@bureauveritas) and [LinkedIn](#).

### **About Lloyd's Register**

Trusted maritime advisers, partnering with clients to drive performance across the ocean economy.

Lloyd's Register (LR) is a global professional services group specialising in marine engineering and technology. With a heritage going back more than 260 years to the establishment of the world's first marine classification society, LR is dedicated to setting and improving standards for the safety of ships.

Today we are a leading provider of classification and compliance services to the marine and offshore industries, helping our clients design, construct and operate their assets to accepted levels of safety and environmental compliance.

We also provide advice, support and solutions on fleet performance, fleet optimisation and voyage optimisation, enhancing our clients' digital capabilities. Our digital solutions are relied upon by more than 20,000 vessels.

In the race to zero emissions, our research, technical expertise and industry-firsts are supporting a safe, sustainable maritime energy transition.

Lloyd's Register Group is wholly owned by the Lloyd's Register Foundation, a politically and financially independent global charity that promotes safety and education.

**Find out more** [lr.org](http://lr.org)