



Press release

GTT officially launches a technology dedicated to LPG transport: GTT MARS™ Lloyd's Register awards General Approval at Gastech 2017

Paris – April 4, 2017. Both exhibitors at Gastech from 4 to 7 April 2017, GTT and Lloyd's Register (LR) have joined their respective teams to present to maritime industry professionals the new GTT LPG containment system. On this occasion, a ceremony has been organised at LR's booth, number 13-025, where the classification society awarded the General Approval of the technology GTT MARS™.

The launch of GTT's own LPG technology is a milestone in the history of the LPG transportation industry. GTT can now demonstrate to the LPG industry its know-how in designing containment systems for liquefied gases. Expert in LNG, the company is already well-known for its capacity to meet the gas and maritime industry requirements. With more than 50 years of experience in multi-gas ship storage, GTT is now convinced the LPG industry is ready to welcome a new membrane solution.

GTT MARS™ is based on the traditional sea-proven containment systems of the company to transport liquids at -55°C or above with densities up to 700 kg/m³. The technology uses the corrugated stainless steel membrane from Mark III supported by plywood boxes filled with glass wool. This system is therefore quite simple and allows LPG vessels to transport more liquid than competitive technologies, as well as having a lower heat capacity than other systems.

Philippe Berterottière, Chairman and CEO of GTT declared *"The LPG industry, thanks to the GTT MARS™ technology, will be able to benefit from a more optimized containment technology allowing the transport of more cargo and shorter cooling down and warming up times than the other systems. GTT is particularly thankful to Lloyd's Register to having accompanied our company in the success of this project development"*.

During the award ceremony, LR's Gas Technology Strategic Market Manager, Leo Karistios, commented, *"LR is very pleased to have been supporting GTT's move into LPG containment systems. GTT MARS™ is a membrane technology with great potential for LPG project ship application. We have been working with GTT since December 2015, and today we have achieved a significant milestone for the full assessment of the technology."*

GTT MARS™ is presented to visitors throughout the exhibition, on GTT's booth 6150-hall 6.



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About GTT - Booth 6150

GTT (Gaztransport & Technigaz) is an engineering company expert in containment systems with cryogenic membranes used to transport and store liquefied gas, in particular LNG (Liquefied Natural Gas). For over 50 years, GTT has been maintaining reliable relationships with all stakeholders of the gas industry (shipyards, ship-owners, gas companies, terminal operators, classification societies). The company designs and provides technologies which combine operational efficiency and safety, to equip LNG carriers, floating terminals, and multi-gas carriers. GTT also develops solutions dedicated to land storage and to the use of LNG as fuel for the vessel propulsion, as well as a full range of services.

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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About Lloyd's Register - Booth 13-025

Lloyd's Register (LR) is a global engineering, technical and business services organisation wholly owned by the Lloyd's Register Foundation, a UK charity dedicated to research and education in science and engineering. Founded in 1760 as a marine classification society, LR now operates across many industry sectors, with some 8,000 employees in 78 countries.

LR has a long-standing reputation for integrity, impartiality and technical excellence. Our compliance, risk and technical consultancy services give clients confidence that their assets and businesses are safe, sustainable and dependable. Through our global technology centres and research network, LR is at the forefront of understanding the application of new science and technology to future-proof our clients' businesses.

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