

Press release

Ascenz' Electronic Fuel Monitoring System solution approved by ExxonMobil

Paris, September 7th, 2022. Ascenz, a GTT Digital company, has been approved by ExxonMobil as an Electronic Fuel Monitoring System (EFMS) provider after an in-depth qualification process.

Ascenz' EFMS offers state-of-the-art digital technologies (mass flow meters and other sensors, electronics, software and communication devices), all packaged in one solution to provide seamless monitoring and optimization of fuel consumption, emissions, bunkering and vessel activities, in addition to automated reporting.

Thanks to the combination of expertise within GTT Digital (Ascenz, Marorka and OSE Engineering), highly innovative features leveraging strong technical knowledge and advanced Artificial Intelligence have been deployed on top of the EFMS, including a series of key improvements in the automation of the vessel's performance management:

- Automatic Activity Detection performs a detailed breakdown of energy consumption using fine-tuned algorithms, without any human interaction.
- The Speed Optimization feature uses machine learning techniques to help the crew define the appropriate speed for the transit phase in order to minimize emissions and fuel consumption.
- Furthermore, the EFMS capabilities have been enhanced with shaft power meters to increase the accuracy of the monitored KPIs such as the Specific Fuel Oil Consumption.

Anouar Kiassi, Vice-president Digital & Information of GTT said: *"We are honored that ExxonMobil has placed its trust in the digital solutions developed by the GTT Group. This new milestone for Ascenz and GTT Digital also illustrates that Smart Shipping is a key pillar of our strategy to design technology for a sustainable world. With our dedicated digital solutions, we are proud to support major energy players in addressing the economic and environmental challenges of energy transition."*

Julien Glory, Chief Executive Officer of Ascenz said: *"This qualification is a major recognition of Ascenz' expertise and the performance of our end-to-end EFMS solution. Assisting a major energy player like ExxonMobil in the achievement of its operational and environmental objectives is a fantastic project that feeds the passion of our teams for technological innovation."*

Meghan Overstake, Upstream Logistics & Marine Operations Manager of ExxonMobil said: *"ExxonMobil remains committed to working with vessel operators and EFMS technology vendors to pursue robust and innovative fuel stewardship, controls and efficiency practices for our offshore support vessel fleet."*

About GTT

GTT is a technological expert in containment systems with cryogenic membranes used to transport and store liquefied gases. For nearly 60 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, Stoxx Europe 600 and MSCI Small Cap indices.

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