



LNT A-BOX®



Courtesy of TechnipFMC

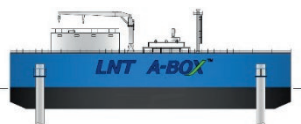
LNT A-BOX® for FLOATING UNITS

The LNT A-BOX® containment system is well suited for floating units, such as FSU, FSRU, FSRUP and FLNG units.

Accessible: The arrangement with an accessible interbarrier space between the cargo tank and secondary barrier enables visual inspection and access for possible maintenance.

Robust: The self-supporting type A tank as the primary barrier is a robust structure with internal structure and swash bulkheads mitigating any sloshing issues, and eliminating filling restrictions. Furthermore, two completely independent barriers offers the highest safety standards.

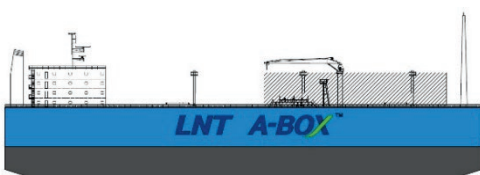
Efficient: Prismatic tanks offers excellent volume utilization. Furthermore, the insulation and secondary barrier system in the LNT A-BOX® is not exposed to static or dynamic (sloshing) loads from the cargo. Thus, strengthening of the system is not required and foam materials with optimized thermal performance can be utilized.



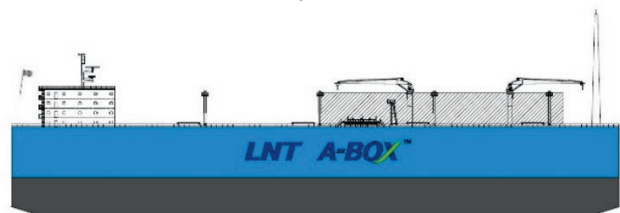
LNT5F – 5,000 m3 FSU



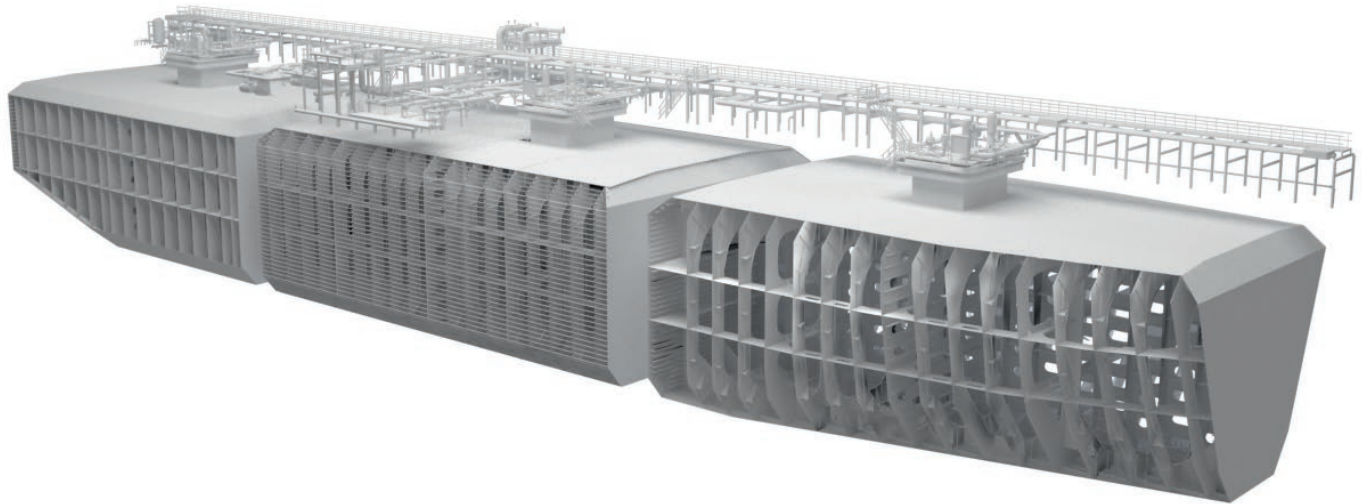
LNT50F – 50,000 m3 FSRU



LNT35F – 35,000 m3 FSRU



LNT80F – 80,000 m3 FSRU



LNT A-BOX®

The unique LNT A-BOX® containment system has been developed by LNT Marine. The LNT A-BOX® system consists of an IMO independent tank type A placed in an insulated hold space. The system combines proven technologies in a safe and cost effective configuration. The idea was to develop and commercialize a simple and efficient cargo containment system that could enable more shipyards to build LNG carriers. LNT A-BOX® offers a number of advantages compared to other containment systems for LNG.

Building capacity and costs

- Enabling more yards to build LNG carriers
- Independent tank construction
- Simple and cost-effective design

Safety

- Easy inspection and maintenance
- No filling restrictions
- Robust tank design
- Independent barriers

Efficiency

- Excellent volume utilization
- Excellent thermal insulation
- Hull form flexibility

LNT Marine

LNT Marine (LNT) is a technology provider and contractor within the LNG sector, gas carriers and other types of cold cargoes. We invent and develop new technologies. We provide design and engineering for marine solutions based on our proprietary technologies, and we offer system supply as well as technical support and installation services.

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