

# LNT28 - WUHANMAX LNG Carrier

LNT28 is a shallow draught 28,500m<sup>3</sup> LNG carrier designed by LNT Marine. The design is based on the LNT A-BOX<sup>®</sup> containment system, which gives excellent volume utilization and allows for design of an efficient shallow draught hull form.

LNT28 is a building friendly and medium scale LNG carrier for costal and river trade. The design is suitable for re-loading of cargoes, and has been developed to meet the growing demand for local and regional distribution of LNG. The draft and air draft enables the LNT28 ships to serve smaller terminals in costal areas and rivers where large scale infrastructure is not feasible.

## Main Dimensions

Length OA	149.9 m
Length PP	146.6 m
Beam moulded	30.0 m
Depth moulded	14.3 m
Design draught	5.9 m
Air draught	24.0 m

## Machinery & Propulsion

The propulsion system shall feature two dual fuel main engine mechanically connected to a twin shaft and propeller. The auxiliary generator sets shall be able to burn natural gas.

Dual fuel main engines	approx. 2 x 2,000 kW
Auxiliary engines	TBA

## Deadweight & Capacities

Deadweight	approx. 13,700 ton
D.O. and ballast capacity	TBA

## Cargo System

No. of cargo tanks	2 -
Total capacity	28,500 m <sup>3</sup>
MARVS	0.4 bar g
Design density	0.5 ton/m <sup>3</sup>
Boil-off rate	approx. 0.15 % per day
Min. temp.	- 163°C

## Speed & Range

Service speed	12.0 knot
Cruising range	5,000 nm

## 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 the LNG carriers. LNT A-BOX® offers a number of advantages compared to other containment systems for LNG.

### Building capacity and costs

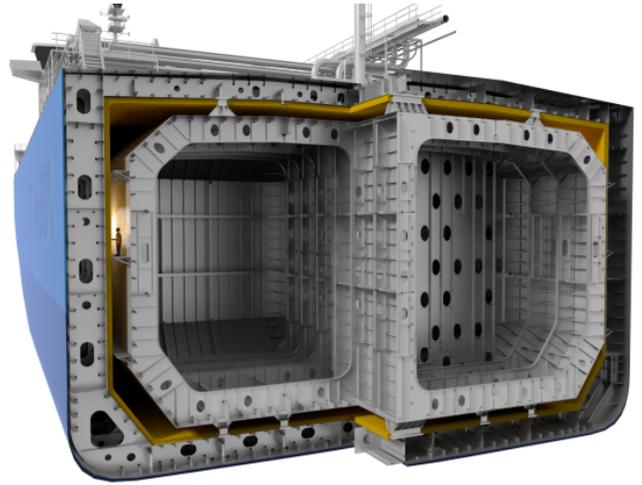
- Enabling more yards to build LNG carriers
- Independent tank construction
- Simple and cost-effective design

### 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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