



5 000 m³ LNG Bunkering Vessel

Simon Møkster Shipping and LNG New Technologies have developed a 5,000 m³ LNG bunkering vessel based on the existing PSV Stril Pioner. The vessel will be able to offer fully refrigerated LNG as marine fuel. The vessel may also carry LNG in ISO containers as deck cargo and MDO or other liquid fuels in integrated ship tanks.

The vessel has good service speed, sea going capabilities and excellent manoeuvring capabilities and can operate in rough conditions and cover a large service area. The ship's layout and bridge design offers excellent overview for manoeuvring and bunkering operations in busy ports or anchorage areas.

Main Dimensions

Length o.a.:	94.9 m
Length b.p.:	81.6 m
Beam moulded:	20.4 m
Depth moulded:	9.6 m
Scantling draught:	7.9 m
Deadweight:	Approx. 6,000 ton

Machinery & Propulsion

DF electric propulsion system, generator sets able to burn natural gas. Two (2) Azimuth thrusters aft, one (1) Azimuth forward and two (2) tunnel thrusters forward.

Main generators:	4 x 2,010 kW
Main propulsion:	2 x 3,000 kW

Cargo System

No. of cargo tanks:	1 -
Total capacity:	5,000 m ³
MARVS:	0.7 bar g
Design density:	0.5 ton/m ³
Boil-off rate:	approx. 0.20% per day
Min.temp.:	- 165°C

Other cargo

Cargo deck	320 m ²
Container capacity	10 x 20ft containers
Deep fuel tank (MDO)	1,000 m ³

Speed & Manoeuvring

Service speed:	16.0 knot
Dynamic positioning:	DP2



Simon Møkster Shipping

Simon Møkster Shipping is a supplier of modern offshore support vessels with high quality specifications, designed for operations in harsh weather conditions.

Stril Pioner was the second LNG fuelled platform supply vessel (PSV) in the world. The vessel was built at Kleven Verft in Norway and delivered to Simon Møkster Shipping in 2003.

LNG New Technologies

LNG New Technologies is a company involved in technology development and ship design within the gas carrier segment. The company is a technology provider – inventing, developing, commercializing and licensing our solutions to the shipbuilding industry

The LNT A-BOX® containment system has been developed by LNG New Technologies.

For further information, please contact us:

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LNT A-BOX®

The LNT A-BOX® is a simple and efficient cargo containment system for LNG based on a robust self-supporting prismatic tank.

The LNT A-BOX® containment system offers an independent IMO type A tank on supports placed in an insulated cargo hold space. The design is based on decades of experience from gas carriers, and proven design principles, but in a new configuration to fulfill the highest standards available.

