



FKAB L1

Bunker tanker for LNG & light marine oils

FKAB Marine Design's world unique LNG Bunker Tanker can carry both liquefied natural gas and light marine oils and deliver the products at highest possible safety standards. The FKAB L1 both delivers and runs on environmental friendly energy. With pure LNG propulsion the FKAB L1 is one of the most environmentally friendly tankers on the world seas. The FKAB L1 bunker tanker complies with the coming IMO regulations on both SOX (2015) and NOX (2016) emissions for ECA areas.

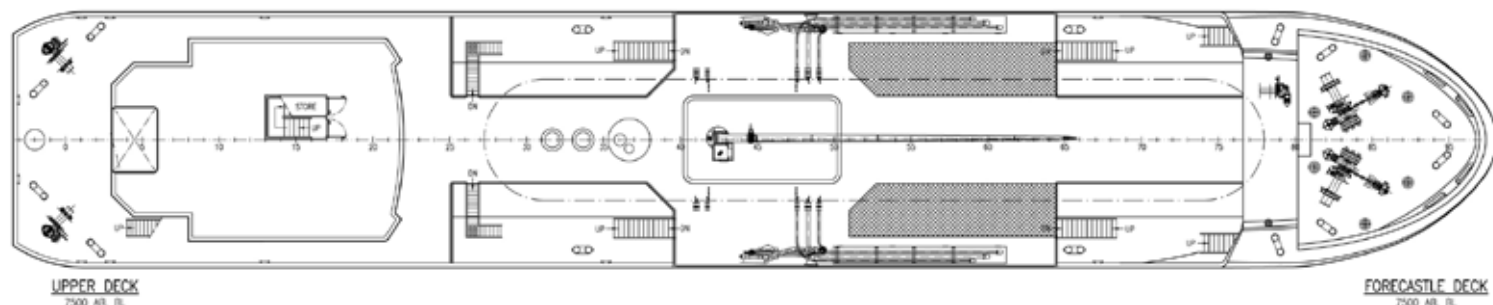
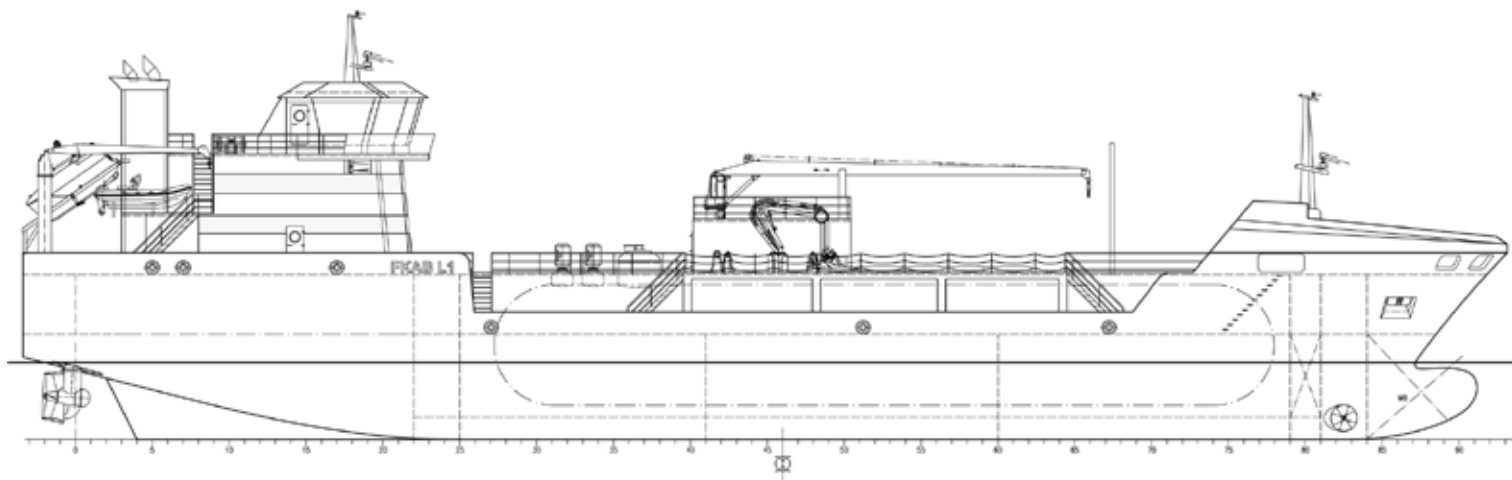
High capacity cargo pumps and uncomplicated distribution system ensures fast and effortless bunker operations. Flow meter on both cargo systems guarantees accurate deliveries.

Safety has top priority therefore the L1 is equipped with redundant propulsion machinery consisting of two azimuth thrusters and a azimuth bow thruster, which can be used for assisted propulsion. This set up assures good and safe manoeuvrability at all draughts and at all times.

The L1 Bunker Tanker has Finnish/Swedish Ice Class 1B.

MAIN FIGURES

LNG carrying capacity	800 m ³
Light Marine Oil capacity	500 m ³
Discharging rate LNG	2 x 400 m ³ /h
Discharging rate Light Marine Oil	300 m ³ /h



MAIN PARTICULARS

Length over all	67.6 m	Discharging rate LNG	2 x 400 m ³ /h
Length between PP	61.0 m	Discharging rate Light Marine Oil	300 m ³ /h
Breadth mld	11.6 m	Main engines	2 x 675 kW pure gas engines (Biogas or LNG)
Depth main deck	4.8 m	Azimuth thrusters	2 x Electrical driven Azimuth thrusters
Draught design	3.5 m	Bow thruster	300 kW Azimuth
Deadweight at design draught	850 tonnes	Accommodation	8 pers
LNG carrying capacity	800 m ³	Speed (service)	12.5 knots
Light Marine Oil capacity	500 m ³		

CLASS

Det Norske Veritas: *1A1, Tanker for liquefied gas, Double hull IMO type 2G gas tanker (-163deg C, 5bar), ICE 1B, E0, CLEAN DESIGN.

LR *100 A1 Tanker for liquefied gas, Double hull IMO type 2G gas tanker (-163deg C, 5bar), ICE 1B + LMC, GF, PSMR, EP (N)(S).