



Coralius

5800 m³ LNG Bunker and feeder vessel

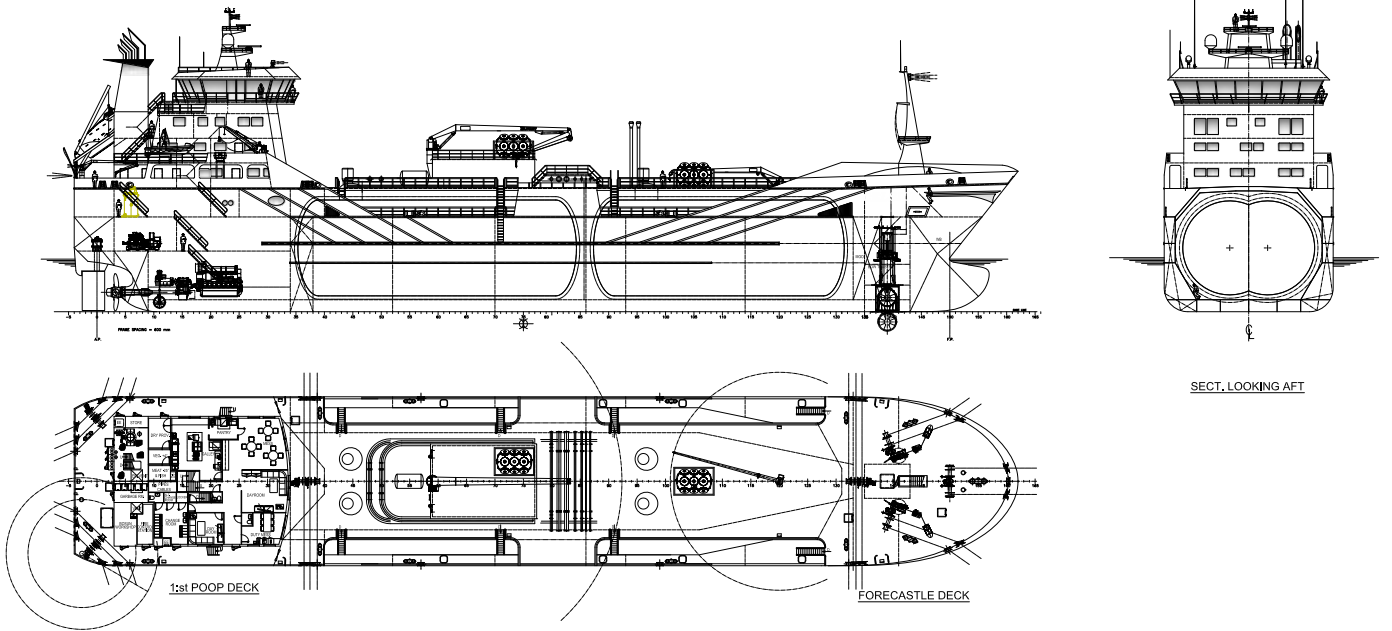
GENERAL

Coralius design is made for High grade of operational flexibility for bunkering ship to ship (STS) and trading as traditional Liquefied Natural Gas (LNG) feeder. The LNG is stored in two insulated cargo tanks of bilobe type, classified by IMO as "Independent Type C". Torispherical heads and a design pressure of 4.5 barg are considered. Each tank is equipped by two submerged deep well pumps for easy discharging. The discharge capacity is 4 x 250 m³/h.

Coralius main fuel is boil-off gas and regasified LNG from the cargo tanks. This will reduce fuel cost when operating the vessel. L8 is also designed to be as energy efficient as possible with amongst other a slender hull, frequency controlled pumps and fans and further a heat recovery system. These measures reduce costs further but will also reduce the environmental footprint of the vessel. To maintain flexibility and for emergency use the machinery is of dual fuel type and the vessel has capacity to carry MGO as fuel also.

MAIN FIGURES

Cargo cubic capacity, 100%	5 800 m ³
Deadweight	3 000 tonnes
Speed	13.5 knots



MAIN PARTICULARS

Length over all	99.6 m	Marine diesel oil capacity	100 m ³
Length between PP	90.0 m	Fresh water tanks	50 m ³
Breadth extreme	18.0 m	Main engine (MCR)	3 000 kW
Depth mld	10.0 m	Service speed	
Draught design	5.7 m	(85% MCR, 15% sea margin)	13.5 knots
Corresponding deadweight	3 000 tonnes	Accommodation	15 pers
Cargo cubic capacity, 100%	5 800 m ³	Gross tonnage	5 600

All figures above are preliminary

CLASS

BV I +Hull +Mach, Liquefied gas carrier, Ship type 2G (-165 deg C, 500 kg/cbm, 4,5 barg), +AUT-UMS, Ice Class 1A, MON-SHAFT, +SYS-NEQ1, COMF-VIB 2, COMF-NOISE 2, CLEANSHIP.