

DESIGN

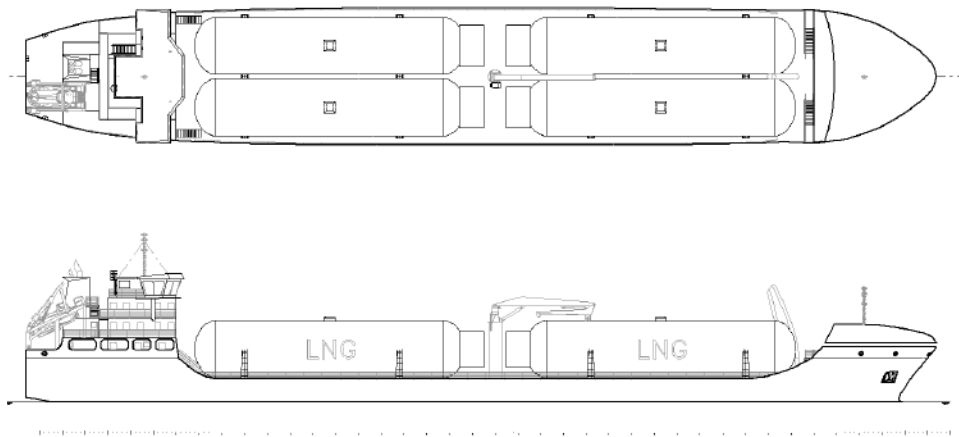
LNG BUNKERING VESSEL



CONCEPT NAVAL
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FOR MORE INFORMATION

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Mission

- Preliminary design of a LNG bunkering vessel
- Preliminary stability investigation
- Carrying capacity study based on weekly round trip voyage

Distinctive characteristics

- Dual fuel propulsion engines running on LNG boil-off gas and diesel
- Supply LNG as bunker fuel: ship to ship or ship to shore storage equipment
- Ice class 1C
- Design using well known type "C" LNG cargo tanks to minimize risk
- LNG transfer pumps rated at 300m³/h
- MDO Fuel supply capabilities of 1000 m³

MAIN PARTICULARS

LENGTH	120m
WIDTH	18m
DEPTH TO MAIN DECK	7m
DRAUGHT	3.5m
LNG TANK CAPACITY 98%	4600m ³
MDO TANK CAPACITY 100%	1000m ³
LIGHT SHIP DISPLACEMENT	3500t