

30k cbm LNG tanker BASE CASE

Flag EU
 Class IACS



Main Parameters

Length overall	~180	m
Beam (moulded)	~28	m
Depth to MD (moulded)	~19	m
Draught (design)	8	m
Deadweight	~16 000	t
Speed (design)	15*	kn
Tonnage	~26 000	GT

*propulsion system design to be optimized for slow steaming at 12 knots

Complement

Crew	24
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Lifesaving Appliances

Life boats	1 x 34 persons, free fall
Life rafts	2 x 34, 1 x 6 persons
Rescue boat	1

Accommodation

Crew/Officer single cabins	24
Suez cabin	6

Machinery

Main engine Type	2 or 4 stroke Dual-Fuel LNG
Amount	1
Output Power	~7 500 kW

Propulsion

Type	FP/CP propeller
Amount	1

Tank Capacity

Fuel oil	~400	m3
Fresh Water	~250	m3
Ballast water	~10 000	m3

Cargo

Tanks type	Independent, type C
Number of tanks	3
Tank capacity	30 000 m3
MARVS setting for valves	4 barg
Minimum cargo temperature	-163 °C

Cargo system

Loading / unloading rate	2400	m3/h
BOG Rate	Max	~0.25 %/day