



General description:

Type	general cargo vessel with single hold, closed by pontoon hatches and full double hull.
Deadweight	abt. 5875 ton
Classification	Lloyds Ice Class 1A (Finnish/Swedish)
Fuel	main engine dual fuel : LNG (ECA) / gasoil
	auxiliary power : gasoil
LNG tank	internal cylindrical tank of abt. 112,5 m ³

Main particulars:

Length o.a.	:	90.00	m
Length b.p.p.	:	84.99	m
Breadth mld.	:	14.50	m
Depth	:	8.75	m
Draught max	:	7.00	m
Deadweight	:	abt. 5875	ton
Draught design	:	6.50	m
Deadweight design	:	abt. 5300	ton
Hold capacity	:	abt. 207.000	cft

Propulsion arrangement:

Main engine	:	6L34DF, 3000 kW
Propeller	:	single open CPP 3.75 m

Auxiliary power:

1 shaft generator	:	abt 230 kWe @ 440 V / 60Hz
1 generator set	:	abt. 200 kWe @ 440 V / 60 Hz
1 harbour/emerg. Set	:	abt 95 kWe @ 440 V / 60Hz

Steering equipment:

Rudder	:	flap rudder
Bowthruster	:	200 kW

Accommodation:

Comfortable accommodation for 7 persons, all cabins air-conditioned (single pipe) and equipped with private sanitary units.

Ballastwater treatment:

A ballast water treatment system is installed.

Cargo holds & equipment

1 box shaped hold. Tank top strengthened for 15 t/m² uniform load or 20 t/m² non-uniform. Holds equipped with movable grain bulkheads. Handling of all pontoon hatches by gantry crane on coaming rails. Hold ventilation capacity 6 changes/hour.

ECO vertical bow design with icebreaking bulb

Special bow form with vertical stem profile, sharp waterlines and less bow flare have optimal performance on flat water while significantly reducing speed loss in seaway. Slender bulb added to enhance ice breaking performance outside the broken ice channels.



THUNBOLAGET
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