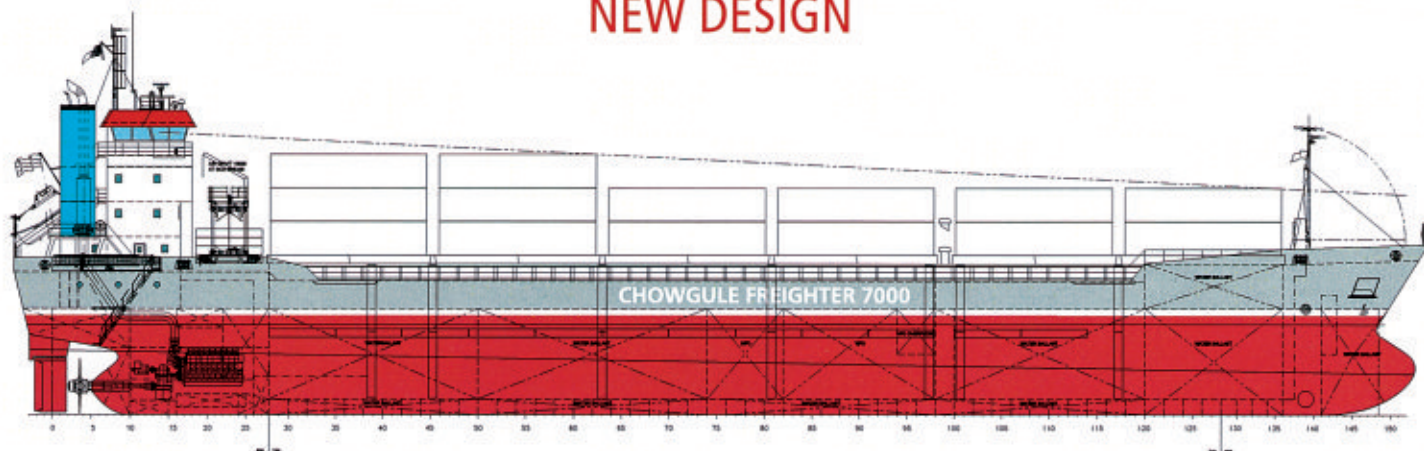


# 7.000 TON DEADWEIGHT MULTIPURPOSE VESSEL

## NEW DESIGN



### CHARACTERISTICS

Compact ice class multipurpose vessel with a capacity of 7000 tdw, able to carry all kinds of products such as timber, project cargo, steel, bulk, dangerous goods and containers. The two holds are box shaped with a capacity of 357.949 cubic ft. and can be optional equipped with a tweendeck.

### MAIN PRINCIPALS

Length over all	109.95 m
Length between perpendiculars	103.07 m
Beam moulded	16.20 m
Depth	8.23 m
Draught	7.00 m
Deadweight	7.000 tdw
Tonnage	5.020 GT
Service speed	13.5 kts

### MAIN PROPULSION EQUIPMENT

Engine	MaK 6M32, 3,000 kW MCR at 600 rpm.
Consumption	HFO 380, including 100 kW consumption for shaftgenerator and under normal conditions: 11.9 t/24h at 13.5 knots speed.

### SPEED CHARACTERISTICS

Running 90% MCR under normal service conditions.	
Service speed on 7.00 m draught	13 kts
Service speed on 4.00 m draught	14 kts

### CLASS REGULATIONS

BV I, ✱ General Cargo Ship, Unrestricted Navigation, ✱ Hull, ✱ Mach, AUT-UMS, Heavy Cargo, Strength Bottom, In-water Survey, Ice 1A  
Dutch Shipping Inspectorate or equal  
Compliant with USCG regulations

### LOADING CAPACITIES

Deadweight	± 7.000 tdw
Hold capacity	357.949 cubic ft.
Container capacity	340 TEU
Hold dimensions	25,52 + 51,80 x 13,20 x 10,50 m
Tanktop load	15 t/m <sup>2</sup> , suitable for heavy cargo
Tanktop area	900 m <sup>2</sup>
Hatchcover load	1.6 t/m <sup>2</sup>
Grain bulkheads	2,7 positions
Tween deck	12 pieces, optional
Dangerous goods	Solas 19, chapter II

### ADDITIONAL EQUIPMENT

Shaftgenerator	400 kW
Auxiliary diesel set	2 x 214 kW
Emergency diesel set	1 x 97 kW
Bowthruster	350 kW
Propellor	CPP
Rudder	Flap type

### TANKCAPACITIES

Waterballast	2.340 m <sup>3</sup>
HFO 380	430 m <sup>3</sup>
Fresh water	62 m <sup>3</sup>

*All details believed to be correct and subject to reconfirmation*

Shipyard



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