



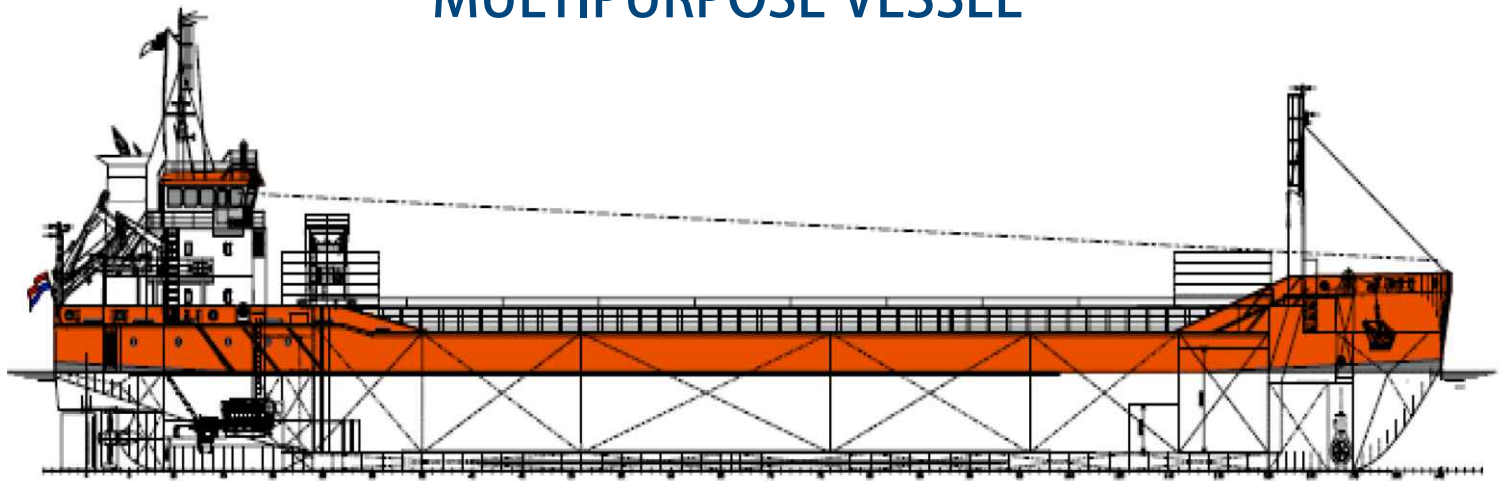
**CHOWGULE**  
G A R O U P  
S I N C E 1 9 1 6



## 4220 DWT, ICE CLASS MULTIPURPOSE VESSEL



# 4,220 DWT, ICE CLASS 1A SWEDISH / FINNISH MULTIPURPOSE VESSEL



## CHARACTERISTICS

Compact multipurpose vessel with excellent stowage flexibility, and attractive speed. This vessel has one long box shaped cargo hold with a length of 67.2 m and with a capacity of 210,723 cu ft. and a deadweight capacity of 4,220 DWT. These eco- cargoships are built in India by Chowgule and Company Private Ltd, specialized in the new building of modern short sea tonnage.

### MAIN PRINCIPALS

Length over all	:	98.20 m
Length between perpendiculars	:	95.30 m
Beam Moulded	:	13.40 m
Depth	:	07.80 m
Draught	:	05.60 m
Deadweight	:	± 4,220 DWT
Tonnage	:	2995 GT
Speed-Boost mode	:	13 Kts
-Eco mode	:	11 Kts
Compliment	:	08 Persons

### MAIN PROPULSION EQUIPMENT

Engine	:	Wartsila 8L20,1600 kW MCR at 1000 rpm + Scania DI 16080M 460 kW
Consumption	:	MGO
Loaded	:	11 kn about 5 m <sup>3</sup> /per day 13 kn about 8.5m <sup>3</sup> /per day

### SPEED CHARACTERISTICS

Service speed on 5.60 m draught	13 Kts @ 2000 kW
Service speed at 5.60 m draught	12 Kts @ 1600 kW
Eco speed on 5.60 m draught	11 Kts @ 1400 kW

### CLASS REGULATIONS

LRS 100 A1 Strengthened for heavy cargoes,  
Strengthened for regular discharge by grab,  
Timber deck cargoes, Grain cargoes, container cargoes  
Ice class 1A, Swedish Finnish ice class rules, open top arrangement  
HC 3 to 9 may be omitted  
+LMC + UMS + SCM+ (un-) loading aground +IWS

### LOADING CAPACITIES

Deadweight	:	± 4,220 DWT
Hold capacity	:	6000 m <sup>3</sup> /210, 723 ft <sup>3</sup>
Container Capacity	:	40TEU/20 FEU
Hold dimensions	:	67.2 m X 11.2 m
Tanktop Load	:	15 t/m <sup>2</sup>
Hatchcover Load	:	1.6 t/m <sup>2</sup>
Grain Bulkheads	:	2 nos, 9 stack positions
Dangerous goods	:	Solas 19,chapter II

### ADDITIONAL EQUIPMENT

PTO/PTI	:	200 kw/400 kw
Shaft Generator	:	200 kw
Auxiliary DG Set1	:	1 x 460 kw
Auxiliary DG Set2	:	1 x 152 kw
Emergency DG Set	:	1 x 65 kw
Bowthruster	:	250 kw
Propeller	:	CPP
Rudder	:	Balanced Spade

### TANK CAPACITIES

MGO	:	273 m <sup>3</sup>
Fresh Water	:	34 m <sup>3</sup>
Water Ballast	:	1665 m <sup>3</sup>

### EEDI

EEDI-Attained	:	Approx 12g CO <sub>2</sub> /t nm
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All details believed to be correct and subject to reconfirmation