



## 11.000 tdw General Cargo Vessel

### Class Notation

Lloyds Register of Shipping ✕100 A1 ✕LMC UMS - Strengthened for heavy cargoes - Timber deck cargoes, Container cargoes on upper deck hatches - with descriptive note ShipRight SCM

### Principle dimensions and capacities

Length over all:	125,20	m
Length between perpendiculars:	118,70	m
Breadth moulded:	18,50	m
Depth to maindeck:	10,40	m
Draught (summer) (abt.):	7,70	m
Deadweight at T = 7,70 m:	11.050	t
Gross tonnage (abt):	7.175	GT
Cargo holds capacity (total):	507.000	cbft
Hatchway opening fwd cargo hold:	37,50 x 15,40 / 10,50	m
Hatchway opening cargo hold aft:	49,70 x 15,40	m
Depth of cargo holds:	10,81	m
Tank top capacity:	15,0	t/m <sup>2</sup>

Note: figures above are without grain bulkheads on board

HFO (IFO 180) capacity:	520	m <sup>3</sup>
MDO (DMA) capacity:	113	m <sup>3</sup>
Potable water capacity:	76	m <sup>3</sup>
Ballast water capacity:	t.b.d.	m <sup>3</sup>

### Container capacities

<b>7 rows width:</b>		
In holds:	316	TEU
On deck::	316	TEU
Total:	632	TEU

### **6 rows width:**

In holds:	316	TEU
On deck::	276	TEU
Total:	592	TEU

### Speed

Trial speed: 13,5 kn  
(Established at max.draught and M.E. output of 90% MCR and disabled shaft generator)

### Construction particulars

Double bottom and side tanks enclose the two (2) cargo holds, designated for water ballast and fuel oil. Construction based on longitudinal- and transverse framing.

### Ships outfitting

Eight (8) / Six (6) pontoon type hatch covers cargo hold fore / aft  
Two (2) grain bulkheads, each consisting of two (2) parts  
One (1) electric-hydraulic hatch cover crane  
Two (2) electric-hydraulic driven anchor windlass with two (2) warping heads and mooring drum  
Two (2) electric-hydraulic driven mooring winche aft with one (1) warping head

Cargo holds and cargo deck area equipped for carriage of dangerous goods, according to Part X, SOLAS II-2 Reg.54, as far the vessel is equipped for.

### Safety and fire fighting equipment:

One (1) freefall lifeboat  
One (1) rescue boat  
Life rafts according to class requirements  
CO2 system  
High fog local protection system

### Accommodation / domestic systems:

Air-conditioned accommodation for twelve (12) crew plus one (1) spare is arranged aft  
One (1) sewage treatment unit  
One (1) evaporator (5 m<sup>3</sup>/24h)

### Electrical installation, power distribution:

for power supply: 3 x 400 Volt / 50 cycles  
for lighting/small cons: 3 x 230 Volt / 50 cycles  
for controls, navigation lights: 24 Volt / D.C  
for alarm/controls: 24 Volt / D.C

### Electrical installation, power generation:

One (1) PTO of 550 kW kVA at 1500 rpm  
Two (2) generator sets of 400 kW at 1500 rpm each  
One (1) emergency/harbour generator set of 150 kW at 1500 rpm

### Propulsion / manoeuvring

One (1) medium speed, having a MCR of 4.000 kW at 600 rpm, driving one (1) controllable pitch propeller via a reduction gearbox.  
One (1) high efficient flap type of rudder  
One (1) bowthruster, electrical driven, frequency controlled, fixed pitch propeller, capacity 450 kW

### Option(s)

- Anti heeling system
- Two (2) electro-hydraulic deck cranes, each with a capacity of 36 mt at 16,0 m outreach and 25 mt at 24,0 m outreach