



# GENERAL CARGO 4400

PT Karya Teknik Utama



## Principal Dimensions

Length o.a.	93.50	m
Length p.p.	91.70	m
Breadth (moulded)	14.40	m
Depth	7.10	m
Drafft (summer)	5.18	m
Deadweight (summer)	4,400	ton
Airdrafft ballast condition	18.00	m
Tonnage	2,999	GT
	1,415	NT

## Cargo Holds

One hold. Completely boxshaped.  
Pontoon-type hatch covers handled with a gantry crane, Mac Gregor .

Hold volume (grain=bale)	5,444	m <sup>3</sup>
	192,253	cuff
Hatch: LxB	61.60 x 11.80	m
Hold height	7.75	m
Tank top load	15	t/m <sup>2</sup>
Hatch cover load	2	t/m <sup>2</sup>
Containers in hold	80	TEU
Containers on hatches	48	TEU

## Capacities

Marine Gas Oil	206	m <sup>3</sup>
Ballast water	2,101	m <sup>3</sup>
Potable water	53	m <sup>3</sup>
Lubrication Oil	18	m <sup>3</sup>

## Propulsion / Maneuvering

Main engine – Hanshin LH28LRG	1,176	kW
Main engine rpm	395	rpm
Reduction gearbox	1 : 1.692	
Propeller fixed pitch	Ø 2.73	m
Propeller rpm	233	rpm
Speed at 85% MCR on design drafft	10.0	knots
Cruising range	7,600	nm
Bow thruster, tunnel type / VFD kW Rudder fishtail type	230	

## Electrical installation

Main power supply 440 Volt at 60 Hz.		
Three Baudoin 6M16S each	208	kWe
Emergency/ harbor genset		
One Baudouin 6W105ES	136	kWe

## Air-conditioning / ventilation

Mechanical hold ventilation,  
6 air changes per hour.  
Central AC unit for accommodation.

## Accommodation

Modern and attractive accommodation with cabins for 10 persons.

## Nautical / Communication

All modern communication and navigation aids  
Fully ECDIS  
GMDSS A1, A2, A3.

## Deck / Life saving equipment

One combined electric hydraulic anchor/mooring winch forecastle.  
One combined electric hydraulic mooring winch poop deck.  
One free fall life boat with recovery davit.  
Two liferafts.  
One rescue boat with davit.

## Classification

Bureau Veritas  
I, ✕ HULL, ✕ MACH, General Cargo Ship  
Unrestricted navigation  
Heavy cargo [Tanktop 147 kN/m<sup>2</sup>]  
Equipped for the carriage of containers  
Occasional dry bulk cargo  
AUT-UMS, MON-SHAFT  
Dangerous Goods Fitted  
FeSi fitted  
Grain fitted

## Speed & Consumption

About 10 knots laden at about 4,2 mts MGO  
About 10 knots ballast at about 4 mts MGO

## Other

Two grain bulkheads 12 positions  
CO<sub>2</sub> fire extinguishing system in hold.  
Engine room with CO<sub>2</sub> and water mist system.  
Water Ballast Treatment system.

# COASTAL LINER 4400

