



BODEWES ECO TRADER 5150 DWAT

Main particulars

Length overall	86.93 m
Length b.p.p	84.98 m
Breath mld.	15.00 m
Depth mld.	7.17 m
Design draught	6.35 m
Dead weight	5150 ton
Tonnage	2999 GT
Trial speed loaded	12.0 knots

General cargo capacities

Hold capacity	abt.	221.000 cft
(L x B)		60.00 x 12.40 m
Free height in hold:		8.68 m
One cargo hold, covered with 10 pcs pontoon-type hatch covers, operated by a gantry crane.		
Cargo hold designed for bulk cargoes, 2 grain bulkheads in two parts.		
A-60 Bulkhead engine room		

Loading

Tank top: 15 t/m²
Hatch covers: according load line conv.

Tank Capacities

Fuel oil (IFO180)	abt.	150 cubm.
Fuel oil (Gasoil)		95 cubm.
Fresh water	abt.	32 cubm.
Ballast water	abt.	1870 cubm.

Classification

Bureau Veritas
 ✘ HULL ✘ MACH, General Cargo Ship,
 Heavy Cargo, Unrestricted Navigation
 ✘ AUT-UMS, Strength Bottom
 Heavy Cargoes 105 kN/m²
 MON-SHAFT, IWS

Propulsion

Main engine: MaK 6M25C Output:	1740 kW
Gearbox:	Siemens
C.P.P. in nozzle:	Caterpillar Propulsion
Rudder:	Benes
Steering gear:	Rolls Royce
Bowtruster:	300 kW
Aux. engines	2 x 154 kW
Emergency engine	1 x 66 kW

Accommodation

A modern, attractive and practical accommodation for 9 persons. Each of them has a private cabin with sanitary facilities and air-conditioning.