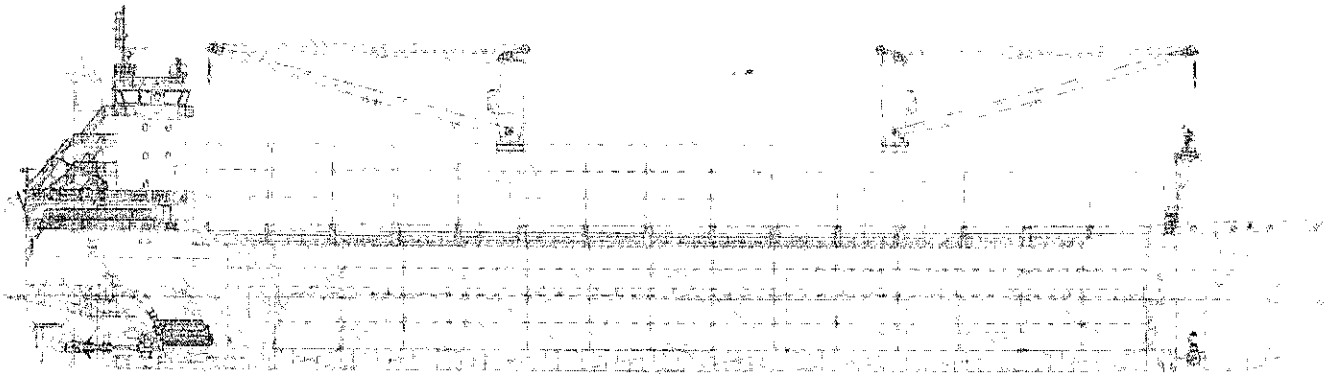


8.000 tdw MPV  
Project No. 2009/01



**Class**

GL \* 100 A5, E3 G SOLAS II-2, Reg 19, Multi Purpose  
Cargo Ship, strengthened for heavy cargoes;  
equipped for the carriage of containers, equipped  
for carriage of timber and grain, ice class 1A acc.  
Finnish ice class rules  
\* MC E3 AUT

Flag: A&B

**Main Particulars**

Length o.a.	abt.	128.45 m
Length b.p.		122.00 m
Breadth		16.50 m
Depth		12.00 m
Draught design		6.40 m
Draught (freebd.)		7.00 m

Deadweight (frbd. dr.) abt. 7 950 mt

Speed: abt. 15,0 kts  
(design dr.; 90% MCR)  
Service Speed abt. 14,5 kts  
(15% sea marg.; 90% MCR)  
Cruising Range: abt. 10 000 nm

**Accommodation**

Crew members 14  
European standard

**Tank Capacity (100%)**

HFO	abt.	400 m <sup>3</sup>
MGO or GO	abt.	55 m <sup>3</sup>
Lub. Oil	abt.	24 m <sup>3</sup>
Fresh water	abt.	480 m <sup>3</sup>
Ballast water	abt.	4 100 m <sup>3</sup>

**Cranes**

2 cargo cranes SWL 80t each

**Cargo Hold**

1 hatch, hatch size: abt. 87.0 m x 12.8 m  
capacity abt. 440,000 cft  
main deck pontoon  
1 tween deck pontoon 2 positions  
convertible to movable grain BHD  
uniform load  
tanktop: 15 t/sqm  
tween deck: 3 t/sqm  
hatch covers: LLC  
Container capacity 479 TEU  
Stackloads tanktop 90.t/ 120.t for TEU/ FEU  
Stackloads hatch covers 30.t/ 50.t for TEU/ FEU  
Stability appr. 355 TEU @ 14t

**Propulsion**

1 four-stroke engine  
MaK 6M 32 or equivalent  
MCR abt. 2990 kW, 600 rpm  
Reduction gear with PTO  
1 CP-propeller dia. abt. 3.85 m

**Electr. Power Supply**

EI System AC 400 V; 50 Hz  
1 S.G. 600 kW  
2 D.G. 320 kW each  
1 x 200 kW;

**Navigation Communication**

GMDSS for A3  
Radars X-Band, S-Band  
Echosounder, Speedlog, Gyro compass, Autopilot, GPS,  
Satcom

**Miscellaneous**

Bow Thruster 409 kW/56 kN  
Flap Rudder

All data preliminary