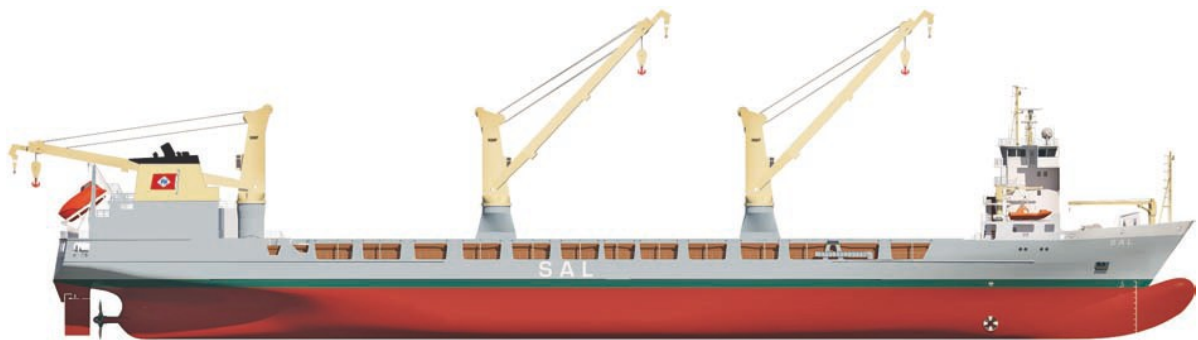




SHIP'S PARTICULARS

TYPE 161B

High-speed heavy cargo vessel



SHIP'S PARTICULARS

TYPE 161B



MV Maria	2004/02	MV Annette	2003/12
Flag of Registry:	German	Flag of Registry:	Antigua Barbuda
Port of Registry:	Hamburg	Port of Registry:	St. John's

Owner:	SAL Heavy Lift GmbH
Operator:	SAL Heavy Lift GmbH
Technical Manager:	SAL Ship Management UG (haftungsbeschränkt) & Co. KG
HSE Manager:	SAL Ship Management UG (haftungsbeschränkt) & Co. KG

Classification: HULL GL+100 A5 SOLAS II-2 Reg. 19
General Cargo Ship, Strengthened for Heavy Lift Cargo Machinery MC AUT

Shipyard: J.J. Sietas KG, Germany

Length over all:	151.67 m	Speed @ 85% MCR:	18 kn
Length between perps.:	142.10 m	Air draught (jibs in rest.):	34.20 m
Breadth moulded:	20.40 m	Air draught (jibs upright):	56.66 m
Breadth over all:	21.02 m		
Depth moulded:	10.50 m		

GT (int'l 69):	8 383 t
NT (int'l 69):	4 196 t
GT (Suez):	8 585.57 t
NT (Suez):	6 934.99 t
NT (Panama):	7 624 t

(Summer)

Draught:	7.85 m
Deadweight:	8 919 t
Freshwater Allowance:	149 mm
Freeboard:	2.179 m
Displacement:	14 980 t

Capacity BW:	3 992.12 m ³
Capacity GO:	224.23 m ³
Capacity HFO:	1 106.35 m ³
Capacity FW:	137.71 m ³

Cargo gear: 2 cranes, each 350 t SWL (in combination 700 t); 1 crane 250 t SWL;
Auxiliary hoist 2 x 40 t SWL; 1 x 35 t SWL.

Hatch cover:	MacGregor hydraulic operated combined folding type and lift and roll type
Number of holds:	1
Number of hatches:	1
Dimension of hold:	82.90 x 15.80 x 10.95 m
Volume of hold:	13 604 m ³
Bale capacity:	480 430 cuft
Free deckspace:	2 363m ²

Main Engine:	MAN B & W 9L 48/60; 9450 kW (12 852 hp Converted 4955 kW)
Rudder:	Flap type spade rudder (high efficiency rudder)
Bow Thruster:	Lips 900 kW

Certifications:



Prelim Seaway Approval for the Great Lakes (Canada/U.S.)

All details are given in good faith but without guarantee of accuracy and completeness