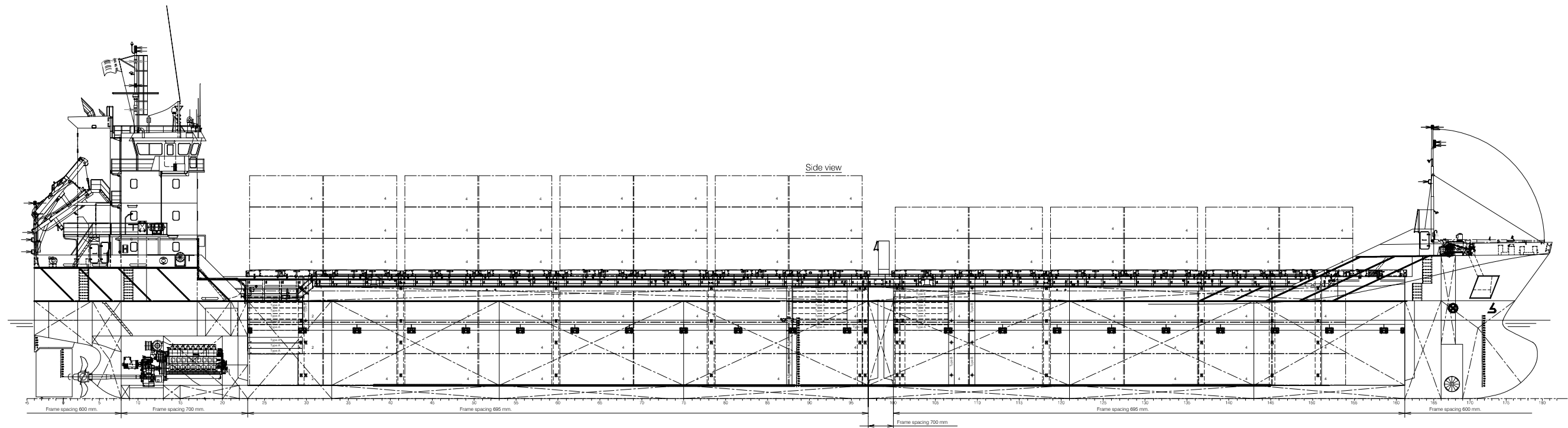


DISC 7700 General Cargo Vessel



Main Particulars:

Length over all	125.79 m
Length betw. perp.	119.53 m
Breadth, moulded	14.40 m
Depth	8.10 m
Draught at summer freeboard	6.50 m
Corresp. deadweight	7720 tdw
Deadweight incl. full tween deck	7500 tdw
Speed	13.0 kn
Gross Tonnage (GT)	5044 GT
Complement	crew of 11 pers.

Class:

Bureau Veritas
 I + Hull + Machinery
 General cargo unrest. nav.
 Ice Class 1A
 Heavy Cargo (150 kN/m²)
 AUT-UMS

Tank Capacities:

Heavy fuel oil (IFO 380)	365 m ³
Gas oil (MDO-DMA)	89 m ³
Fresh water	68 m ³
Ballast water	3,275 m ³

Engine Plant:

Main Engine	MaK 9M25 4-Stroke diesel (IFO 380) 2970 kW, 750 RPM
CPP diam./ RPM	3400mm / abt. 194 RPM
2 x 168 kWe, Aux. Diesel (MDO-DMA)	
1 x 96 kWe, Emerg. Diesel (MDO-DMA)	
1 x 424 kWe, Shaft generator	
1 x 350 kW, Bow thruster fixed Pitch, freq. controlled	

Gantry Crane:

1x SWL 15 tons

Hold capacity:

Total hold capacity:	343,556 cuft. (9728 m ³)
Dimensions hold 1:	42.3 x 11.7 m (4313 m ³)
Dimensions hold 2:	51.4 x 11.7 m (5415 m ³)

Hatch covers load:

Max. container line load -24 ton/20ft -40 ton/40ft
 Convention load 2005

Tween deck:

Full tweendeck; tweendeck load 2.5t/m²

Container stackload in hold:

20ft =	58,5 ton
40ft =	63,5 ton
45ft =	65,5 ton

Container capacity:

In Hold:	162 teu
On Hatches:	144 teu
Total:	306 teu

Volharding
 SHIPYARDS

VOLHARDING SHIPYARD
 P.O. BOX 70
 9600 AB HOOGEZAND
 THE NETHERLANDS

DUTCH **I**NTERNATIONAL **S**HIPBUILDING **C**ONSULTANTS

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