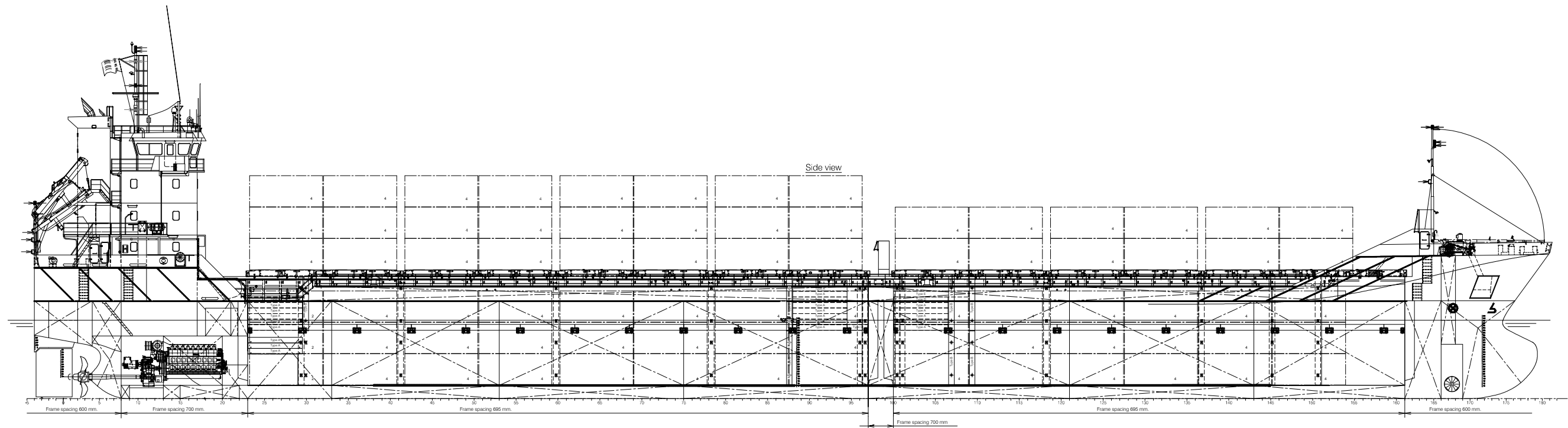


# DISC 7700 General Cargo Vessel



## 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/m<sup>2</sup>)  
AUT-UMS

## Tank Capacities:

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

## 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 <sup>3</sup> )
Dimensions hold 1:	42.3 x 11.7 m (4313 m <sup>3</sup> )
Dimensions hold 2:	51.4 x 11.7 m (5415 m <sup>3</sup> )

## Hatch covers load:

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

## Tween deck:

Full tweendeck; tweendeck load 2.5t/m<sup>2</sup>

## 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
<b>Total:</b>	<b>306 teu</b>

**Volharding**  
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