



# Transport Desgagnés inc.

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## M/T Mia Desgagnés

### MAIN PARTICULARS

GRT:	11838
NRT:	4324
Deadweight:	15182 mt
L <sub>OA</sub> :	135.00 m
L <sub>BP</sub> :	129.24 m
Breadth:	23.50 m
Depth:	11.30 m
Draft:	7.80 m design / 7.90 m scantling
Builder:	Besiktas Shipyard, Turkey, 2016
IMO No:	9772278
Port of Registry:	Quebec
Flag:	Canadian
Type:	IMO 2 Chemical Product Carrier
Class:	1 ✕Hull ✕Mach Chemical Tanker/Oil Tanker, ESP, Dual-Fuel, Cold (-30C), Unr. Nav., ✕AUT-UMS, SPM, Polar Class 7, CleanShip Super (BWT, GWT, NDO-7 days), ✕SYS-NEQ-1, IWS, Green Passport, VCS, Mon-Shaft, Protected FO Tank

### CARGO SYSTEM

Total Capacity:	17475 m <sup>3</sup> (17125 m <sup>3</sup> @ 98%)
Number of Tanks:	12 x Cargo + 2 x Slop + 1 x Residual
Number of Manifolds:	4 x Cargo + 1 x Slop discharge manifolds
Segregation:	12 x Cargo + 2 x Slop (14 in total)
Max. Loading Rate:	600 m <sup>3</sup> /h for each cargo manifold
Max. Discharge Rate:	1800 m <sup>3</sup> /h, 6 Cargo pumps
Cargo Tank Pumps:	12 x 300 m <sup>3</sup> /h, 13 bar
Slop & Residue Tank Pumps:	3 x 150 m <sup>3</sup> /h, 10 bar
Portable Emergency Pump:	1 x 70 m <sup>3</sup> /h, 7 bar

### MACHINERY

- 1 x Wärtsilä 5RT-Flex 50DF, 5450 kW, 110 rpm
- 1 x Auxiliary Generator, 1665 kW, 1200 rpm
- 2 x Auxiliary Generators of 1110 kW each, 1200 rpm
- 1 x Emergency Generator, 200 kW
- 1 x Shaft Alternator, 1450 kW
- 1 x Variable Pitch Propeller, 4 blades, 5200 mm dia.
- 1 x Bow Thruster, 750 kW & 1 x Stern Thruster, 550 kW
- 2 x Thermal Oil Heater, 3000 kW each

### SPEED AND CONSUMPTION

Speed:	13.0 knots   14.0 knots
M/E Cons. at sea:	13.9 mt/day   19.9 mt/day (15% sea margin)
Gen Cons. in port:	1.5 – 8.0 mt/day (discharging)
Gen. Cons. at sea:	1.5 – 2.0 mt/day
Boiler Cons.:	up to 4.0 mt/day based on cargo and weather

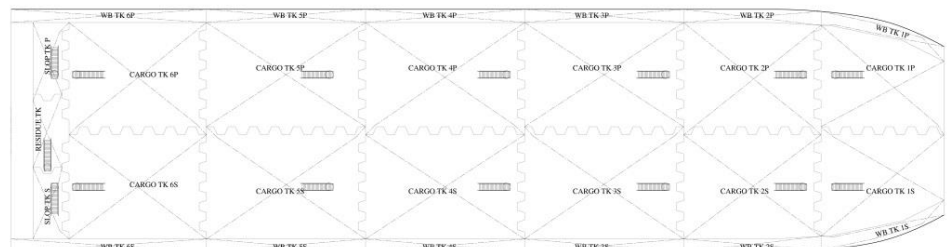
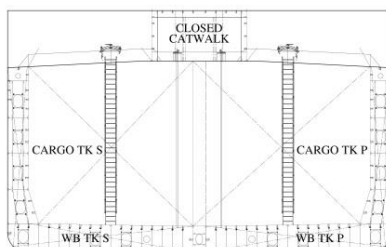
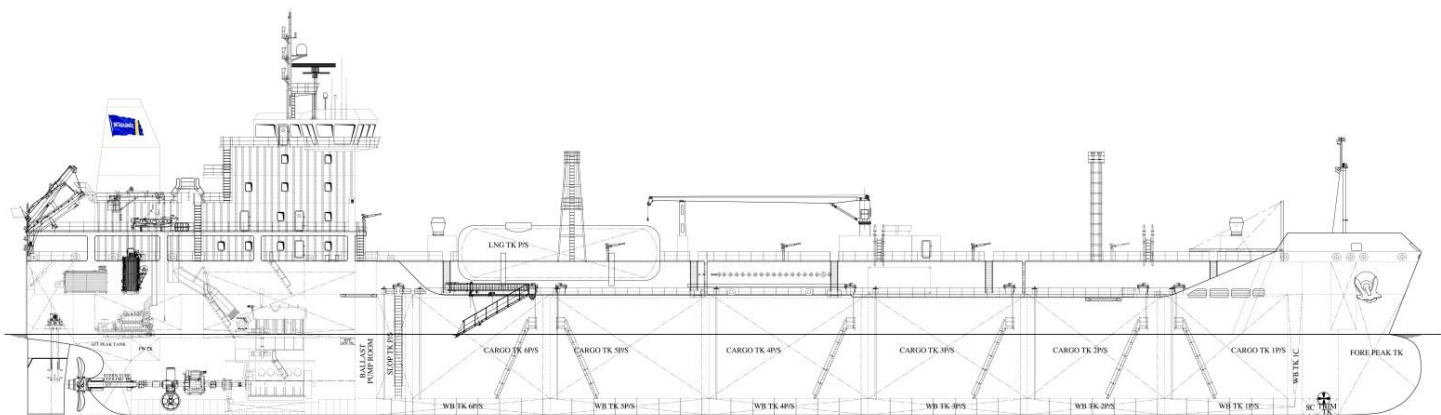
### TANK CAPACITIES

HFO   MDO:	652 m <sup>3</sup>   155 m <sup>3</sup>
LNG:	625 m <sup>3</sup>
Fresh Water:	193 m <sup>3</sup>

### BALLAST SYSTEM

Pumps:	2 x 500 m <sup>3</sup> /h, 2 bar
Total Ballast:	7205 m <sup>3</sup>

- Computerized monitoring system for cargo and ballast tanks, including ullage, temperature, high level alarm, etc.
- Fixed & portable washing, permanent gas-freeing system for cargo tanks
- Loading software including stability calculation for intact or damaged vessel, etc.
- Stainless steel heating coils for cargo, slop and residue tanks
- Closed loading system with vapor return line



THESE PARTICULARS ARE BELIEVED TO BE CORRECT, BUT WITHOUT GUARANTEE AS TO THEIR ACCURACY, AND THEY MUST NOT BE USED AS BASIS FOR CHARTER PARTIES OR CONTRACTS WITHOUT OWNER'S EXPLICIT WRITTEN AUTHORIZATION.

(REV. 2016-04-22)