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M/T Damia Desgagnés

MAIN PARTICULARS

GRT: 11978
NRT: 3761
LOA: 135.00 m
LBP: 130.24 m
Breadth: 23.50 m
Depth: 11.30 m
Deadweight at design draught (salt water): 14 430 tm at 7.8 m
Deadweight at scanting draught (salt water): 14 719 tm at 7.9 m

Builder: Besiktas Shipyard, Turkey, 2017
IMO No: 9766437
Port of Registry: Quebec
Flag: Canadian
Call Sign: CFAV
Type: Double Hull Oil/Asphalt/Chemical Tanker
Class: BV I ✕Hull ✕Mach / Asphalt-Bitumen/Chemical/Oil Tanker FP>60°C, ESP, Dual Fuel, Cold (-30°C), Unr. Nav., ✕AUT-UMS, SPM, Polar Class 7, Clean-Ship Super (BWT, GWT, NDO-7 days), ✕SYS- NEQ-1, IWS, Green Passport, VCS, IWS, Mon-Shaft, Protected FO Tank

CARGO SYSTEM

Total Capacity: 15280 m³ (14974 m³ @ 98%)
Number of Tanks: 12 x Cargo + 2 x Slop
Number of Manifolds: 4 x Cargo & 1 x Slop discharge manifolds
Max. Loading Rate: 400 m³/h for each cargo manifold
Max. Discharge Rate: 1600 m³/h, 4 x Cargo pumps
Cargo Tank Pumps: 4 x 400 m³/h, 10 bar
Slop Tank Pumps: 1 x 150 m³/h, 10 bar

MACHINERY

1 x Wärtsilä 5RT-flex 50DF, 5450 kW, 110 rpm
2 x Auxiliary Generator, 1480 kW, 1200 rpm
1 x Auxiliary Generators of 1110 kW each, 1200 rpm
1 x Emergency Generator, 360 kW 1800rpm
1 x Shaft Alternator/E-motor, 1500 kW (TPO/PTI – ASP mode)
1 x Controllable Pitch Screw Propeller 5, 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: 1.5mt – 4.0 mt/day
Gen. Cons. at sea: 1.5 – 2.0 mt/day
Boiler Cons.: up to 10.0 mt/day based on weather

TANK CAPACITIES

HFO | MDO: 565 m³ | 243 m³
LNG: 620 m³
Fresh Water: 193 m³

BALLAST SYSTEM

Pumps: 2 x 500 m³/h, 2 bar
Total Ballast: 6532 m³

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

