



Transport Desgagnés inc.

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M/T Paul A. Desgagnés



MAIN PARTICULARS

GRT:	12,061	NRT:	4,332
LOA:	135.00 m	LBP:	129.24 m
Breadth:	23.50 m	Depth:	11.30 m
Deadweight:	14,980 mt at a draft of 7.9 m		
Builder:	Besiktas Gemi Insa Shipyard, Turkey, 2018		
IMO No:	9804423		
Port of Registry:	Quebec		
Flag:	Canada		
Official number:	842112		
Call sign:	CFCH		
MMSI:	316 033 266		
Type:	Chemical Product Carrier, Double Hull, IMO 2		
Class:	Bureau Veritas ✕Hull ✕Mach, Chemical Tanker ESP; Oil Tanker ESP, DualFuel, Unrestricted Navigation, Polar Class 7, ✕AUT-UMS, ✕SYS-NEQ-1 (SS), MON-SHAFT, Green Passport, Protected FO, Tank, CleanShip Super (BWM, GWT, NDO-7 days), Inwater Survey, SPM, VCS, Cold (H-30)		

CARGO SYSTEM

Total Capacity:	17,471.34 m ³ (17,121.91 m ³ @ 98%)
Number of Tanks:	12 x Cargo + 2 x Slop + 1 x Residual
Segregation:	12 x Cargo + 2 x Slop (14 in total)
Max. Loading Rate:	400 m ³ /h for each tank
Max. Discharge Rate:	1800 m ³ /h, 6 Cargo Pumps
Cargo Tank Pumps:	12 x 300 m ³ /h, 13 bar
Slop & Residue Tank Pumps:	3 x 150 m ³ /h, 10 bar
Portable Emergency Pump:	1 x 70 m ³ /h, 7 bar

MACHINERY

1 x Wärtsilä 5RT-Flex 50DF, 5,450 kW, 110 rpm
 1 x Auxiliary Generator, 1,665 kW, 1,200 rpm
 2 x Auxiliary Generators of 1,110 kW each, 1,200 rpm
 1 x Emergency Generator, 300 kW
 1 x Shaft Alternator/E-motor, 1,450 kW (TPO/PTI – ASP mode)
 1 x Variable Pitch Propeller, 4 blades, 5,200 mm dia.
 1 x Bow Thruster, 750 kW & 1 x Stern Thruster, 550 kW
 2 x Thermal Oil Heater, 3,000 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:	565.95 m ³ 243.4 m ³
LNG:	625.48 m ³ Fresh Water: 644.82 m ³

BALLAST SYSTEM

Pumps:	2 x 500 m ³ /h, 2 bar	Total Ballast:	6,793 m ³
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- Computerized Monitoring System for Cargo and Ballast Tanks, including Ullage, Temperature, High Level Alarm, etc.
- Fixed & Portable Washing, Fixed 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

