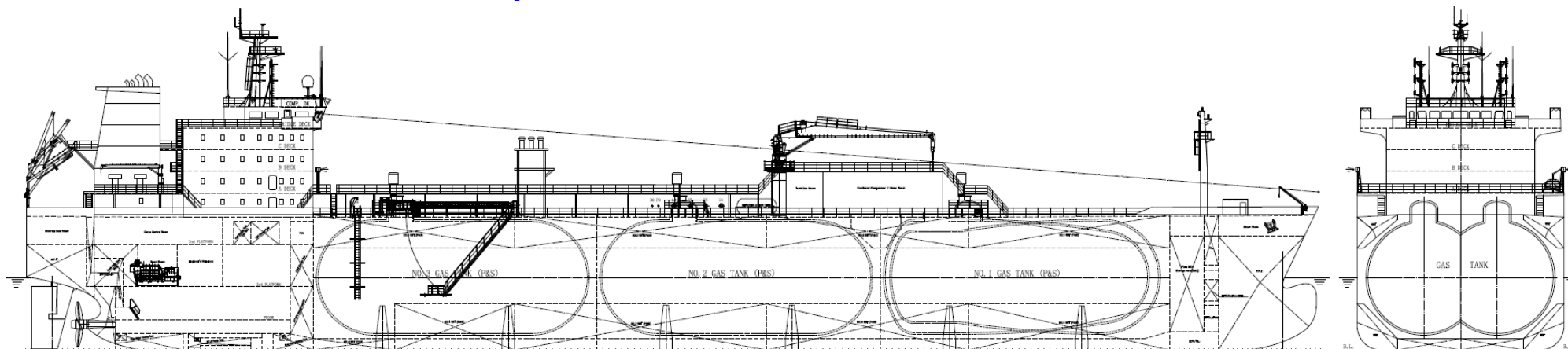


# 21,000m<sup>3</sup> LNG CARRIER

1LG170306S-Rev.01



<p><b><u>MAIN PARTICULARS</u></b></p> <p>Length, oa abt. 159.99 m                      Length, bp 152.80 m                      Breadth, mld 25.60 m                      Depth, mld 16.50 m                      Design Draft (Td) 6.80 m                      Scantl. Draft (Ts) 7.20 m</p> <p><b><u>DEADWEIGHT</u></b></p> <p>Deadweight at Td abt. 10,400 t                      Deadweight at Ts abt. 11,600 t</p> <p><b><u>CARGO LIST</u></b></p> <p>LNG</p> <p><b><u>CLASSIFICATIONS &amp; FLAG</u></b></p> <p>DNVGL ✘ 100 A5, Liquefied Gas Carrier Type 2G, IW, ERS, BWM(D2); ✘ MC, AUT, RI, CM-PS EEDI, IHM, PSPC complied without notations.                      Or other Class equivalent                      Flag: Liberia</p> <p><b><u>COMPLEMENT</u></b> 20+6 p</p>		<p><b><u>TANK CAPACITIES</u></b></p> <p>Cargo Tank 21,150 m<sup>3</sup>                      Diesel oil 850 m<sup>3</sup>                      Fresh water 200 m<sup>3</sup>                      Ballast water 7,300 m<sup>3</sup></p> <p><b><u>MAIN ENGINE</u></b></p> <p>Main Engine Wartsila 6L46DF x 1 set                      MCR 6870 kW x 600 rpm                      Gear Box 1 set</p> <p><b><u>POWER SUPPLY</u></b></p> <p>Diesel Generators 990 kWe x 2 sets (Dual Fuel)                      Shaft Generator 1200 kWe x 1 set                      Emergency Generator 150 kW x 1 set</p> <p><b><u>SERVICE SPEED &amp; D.F.C.</u></b></p> <p>ME at 5250kW incl. 15% SM &amp; 750kW PTO                      Service Speed (Td) 15.0 kn                      D.F.O.C. 23.1 t/d                      D.G.C. &amp; D.P.O.C. 19.1 t/d &amp; 0.16t/d</p> <p><b><u>CRUISING RANGE</u></b> 10,000 nm</p>		<p><b><u>CARGO SYSTEM</u></b></p> <p>Three(3) Cargo tanks (-163°C, 500kg/m<sup>3</sup>, 3.50 bar g)                      Tank Material 9% Ni Steel                      Main Cargo Pump: 250 m<sup>3</sup>/h x 200 mlc x 6 sets                      Gas Combustion Unit 1.0t/h x 1 set</p> <p><b><u>FUEL GAS SYSTEM</u></b></p> <p>Fuel Gas Pump 2 sets                      Fuel Gas Vaporizer: 1 set                      BOG Compressor 2 sets</p> <p><b><u>WATER BALLAST TREATMENT PLANT</u></b></p> <p>1 - 700 m<sup>3</sup>/h, UV or electro-catalyst type with pre-filter</p> <p><b><u>STEAM GENERATING PLANT</u></b></p> <p>Aux. Boiler 1,200 kg/h x 1 set                      Exhaust gas economizer 1000 kg/h x 1 set</p> <p><b><u>NAVIGATION EQUIPMENT</u></b></p> <p>Radars (ARPA) DGPS Navigators                      Gyro compass/Auto pilot ECDIS (1 set)                      Speed log (single axis) Doppler (1 set)                      Echo Sounder</p>	
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