

GAS FRONTIER 5,000 CBM LPG Carrier 19



Contents



By Builder



By Ship Type



GAS FRONTIER 5,000 CBM LPG Carrier 19

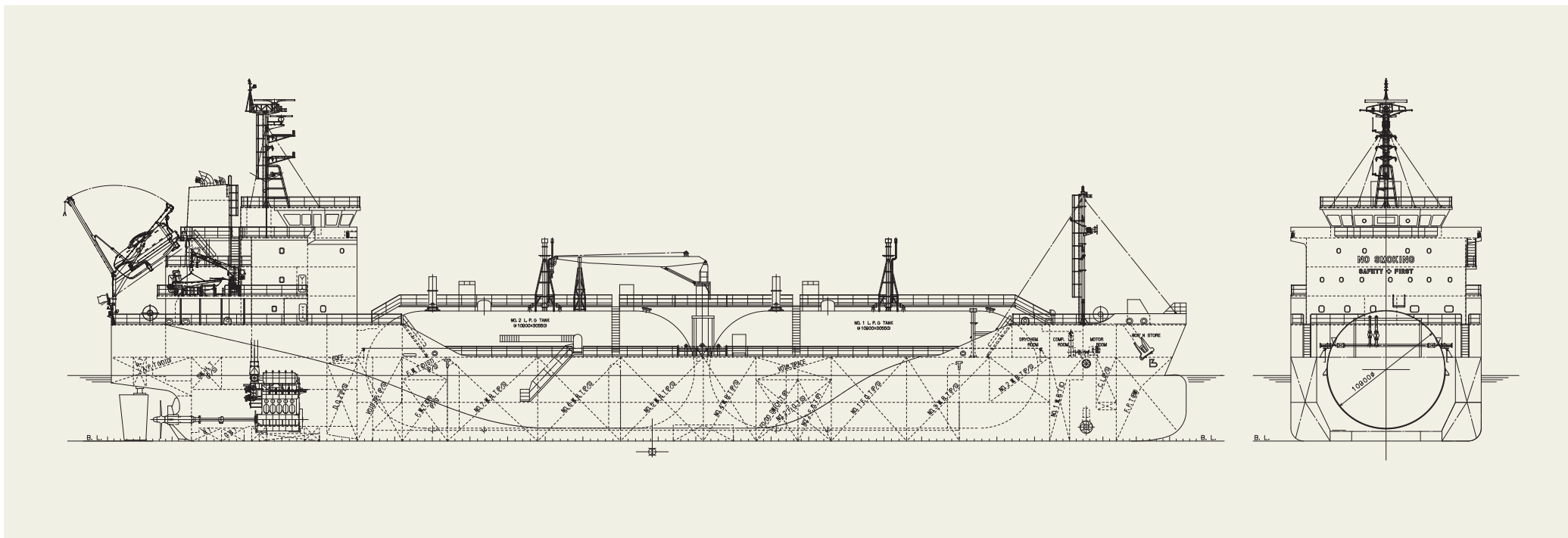
This vessel is designed as the 5,000cbm type LPG carrier with two cylindrical full-pressurized cargo tanks. The shipyard's original patented stern fins are fitted to maintain a good flow into the propeller to improve propulsion efficiency and reduce fuel consumption.

One stream line balanced hanging rudder (C type) is adopted and steering gear is of electro-hydraulic system, consisting of two rams, two cylinders with two hydraulic pump units.

The engine room is divided into some compartments in order to reduce the noise and vibration. All cabins are made as private room.

PRINCIPAL PARTICULARS

Length (o.a.).....	99.98 m	MCR (kw x rpm).....	2,750 kW x 178 min ⁻¹
Length (b.p.).....	95.30 m	NOR (kw x rpm).....	2,475 kW x 171.9 min ⁻¹
Breadth (mld.).....	17.70 m	Speed (max. trial).....	14.871 knots
Depth (mld.).....	7.80 m	(service).....	13.40 knots
Draft (mld.).....	6.10 m	Complement.....	20 persons
Gross tonnage.....	4,552	Classification.....	BV
Deadweight.....	5,311 MT	Loading capacity.....	5,018 m ³
Main engine.....	IMEX, HITACHI-MAN B&W 5L35MC6.1	Builder.....	Sasaki Shipbuilding Co., Ltd.



ECO TEXIANA 11,000 CBM LPG Carrier 20



Contents



By Builder



By Ship Type



ECO TEXIANA 11,000 CBM LPG Carrier 20

This vessel is the 11,000cbm type LPG carrier with two cylindrical full-pressurized cargo tanks.

Main engine and generator engine is equipped with SCR system for complying the NOx regulations. Furthermore, the design achieves AUT-UMS on BV-class, enabling MO operation to reduce the burden on engine room watchkeeping personnel.

This vessel adopts the shipyard's original patented stern fins for the improving propulsion efficiency by arranging the water flow near the propeller.

Cargo compressor room is positioned at the center of the hull in order to enhance the efficiency of cargo handling.

It is equipped with a generator engine capable of using HFO.

PRINCIPAL PARTICULARS

Length (o.a.).....	119.92 m	MCR (kw x rpm).....	3,250 kW x 147min ⁻¹
Length (b.p.).....	114.00 m	NOR (kw x rpm).....	2,925 kW x 141.9 min ⁻¹
Breadth (mld.).....	20.60 m	Speed (max. trial).....	14.53 knots
Depth (mld.).....	9.60 m	(service).....	13.60 knots
Draft (mld.).....	6.80 m	Complement.....	22 persons
Gross tonnage.....	8,043	Classification.....	BV
Deadweight.....	8,065 MT	Loading capacity.....	11,026 m ³
Main engine.....	IMEX, HITACHI-MAN B&W 6S35MC7.1-LPSCR	Builder.....	Sasaki Shipbuilding Co., Ltd.

Other features include the installation of a N2 generator and the adoption of a central cooling system.

