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**NEO ENERGY**

LNG Tanker

IMO 9324277 MMSI 636013234 Callsign A8LO5  
 In Service/Commission  Monrovia  Liberia  
[Watch](#)

Deadweight 85,602 t  
 Gross Tonnage 100,253  
 Built 2007

**Owner & Registration** 

Group Owner	<b>Tsakos Shipping &amp; Trading SA</b> 	Address Location	<b>Greece</b>	Company No.	<b>0033914</b>
Shipmanager	<b>Tsakos Shipping &amp; Trading SA</b> 	Address Location	<b>Greece</b>	Company No.	<b>0033914</b>
Operator	<b>Clearlake Shipping Pte Ltd</b> 	Address Location	<b>Singapore</b>	Company No.	<b>5741424</b>
DOC Company	<b>HMM Ocean Service Co Ltd</b> 	Address Location	<b>Korea, South</b>	IMO Company No (DOC)	<b>5683789</b>
Registered Owner	<b>Sea Optima SA</b> 	Address Location	<b>Panama</b>	IMO Registered Owner No	<b>4096303</b>
Technical Manager	<b>HMM Ocean Service Co Ltd</b> 	Address Location	<b>Korea, South</b>	Company No.	<b>5683789</b>
Bareboat Owner		Address Location		Company No.	

 Show extended history

Date	Name	Flag	Group Owner	Shipmanager	Operator	DOC Company	Registered Owner	Technical Manager	Bareboat Charterer	Price
2023-06				Tsakos Shipping & Trading SA	Clearlake Shipping Pte Ltd					
2019-03				Shell Tankers Singapore Pte	Shell Tankers Singapore Pte					

2014-07				Tsakos Shipping & Trading SA	Tsakos Columbia Shipmgmt- PAN					
2012-07						HMM Ocean Service Co Ltd		HMM Ocean Service Co Ltd		
2011-06				Tsakos Columbia Shipmgmt-PAN	ENGIE SA					
2009-12					Tsakos Commerce SA					
2007-08						HMM Co Ltd				
2007-04		Liberia								
2007-02	NEO ENERGY	Greece			Tsakos Energy Navigation Ltd		Sea Optima SA			
2007-01				HMM Co Ltd				HMM Co Ltd		
2004-12			Tsakos Shipping & Trading SA							
2004-09			Tsakos Energy Navigation Ltd							

### Originally NEO ENERGY

DOC Emails **vetting@hos21.com**  
 Port of Registry **Monrovia**  
 Flag **Liberia**  
 Official Number **13234**  
 Sat Com ID **463700121**  
 Sat Com Ans Back  
 Fishing Number  
 Current P&I Club **UK P&I**

### P&I Club History

Date	P&I Club
2007-11-15	UK P&I

### Flag, Call Sign & MMSI History

Date	Flag	Port of Registry	Call Sign	MMSI
2007-04	Liberia	Monrovia	A8LO5	636013234
2007-02	Greece			

## Safety & Certification

Significant Event	Last 12 months	Between 1 and 2 years ago	2-3 years ago
Casualties	0	0	0
Class status changes	0	0	0
Detentions	0	0	0
DOC certificates	0	0	0
Flag changes	0	0	0
Group Owner changes	0	0	0
Inspections	2	2	5
Name changes	0	0	0

Lloyd's Register (2007-02-07)LR Class: + 100 A1 Survey Type: Special Survey Date: 2022-02 Class Notation: liquified gas tanker, Ship Type 2G,:methane(LNG) in membrane tanks,:minimum vapour pressure 0.25 bar G,:minimum temperature 163 degree C,:ShipRight (SDA) :\*IWS:LI:EP LR Machinery Class: LR Maltese Cross LMC LR Machinery Notations: UMS (Unmanned Machinery Spaces)Fee Numeral: 19305 LR Hull Notes: 8BH WB56915T

## Class History

Date	Class	Status
2004-04-28	Lloyd's Register	(Contemplated)

Special Survey Due 2027-02-05, Assigned 2022-02-06, Lloyd's Register

Continuous Machinery Survey Due 2027-02-28, Lloyd's Register

Tail Shaft Survey Due 2026-09-30, Lloyd's Register

Docking Survey Due 2025-06-07, Assigned 2022-06-08, Lloyd's Register

Annual Survey Due 2025-02-06, Lloyd's Register

Data as of 2024-01-30

	<b>Total</b>	<b>Total</b>	<b>Total</b>	<b>Total</b>	<b>Total</b>	<b>Total</b>	<b>Total</b>
<b>Nationality</b>	<b>Ratings</b>	<b>Officers</b>	<b>Cadets</b>	<b>Trainees</b>	<b>Riding Squad</b>	<b>Undeclared</b>	<b>Crew</b>
Korean	0	8	0	0	0	0	8
Filipino	6	1	0	0	0	0	7

Sequence	<b>Current</b>					
Shipname (Reported)		Flag (Reported)		DOC Company	<b>Unknown</b>	
Type		Auditor		Issuer		
Date of Issue	<b>2017-08-01</b>	Date of Expiry				
Sequence	<b>Historical</b>					
Shipname (Reported)		Flag (Reported)	<b>Lr</b>	DOC Company	<b>HMM Ocean Service Co Ltd</b>	
Type	<b>Convention</b>	Auditor	<b>Kr</b>	Issuer	<b>Korean Register Of S</b>	
Date of Issue	<b>2012-08-02</b>	Date of Expiry	<b>2017-08-01</b>			
Sequence	<b>Historical</b>					
Shipname (Reported)	<b>Neo Energy</b>	Flag (Reported)	<b>Liberia</b>	DOC Company	<b>HMM Ocean Service Co Ltd</b>	
Type		Auditor	<b>Korean Reg</b>	Issuer	<b>Korean Reg</b>	
Date of Issue	<b>2012-07-25</b>	Date of Expiry	<b>2017-08-01</b>			
Sequence	<b>Historical</b>					
Shipname (Reported)		Flag (Reported)	<b>Liberia</b>	DOC Company	<b>HMM Co Ltd</b>	
Type	<b>Convention</b>	Auditor	<b>Kr</b>	Issuer	<b>Korean Register Of S</b>	
Date of Issue	<b>2007-08-02</b>	Date of Expiry	<b>2012-08-01</b>			

## Data as reported by Port State Control Authorities in last 12 Months

<b>Certificate</b>	<b>Issue Date</b>	<b>Expiry Date</b>	<b>Issued By</b>	<b>Inspected</b>
Bunker Oil Pollution Damage	2023-02-20	2024-02-20	Liberia	2023-06-22 by Paris MOU
Cargo Ship Safety Construction	2022-06-09	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
Cargo Ship Safety Equipment	2022-06-09	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
Cargo Ship Safety Radio	2022-02-02	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
Continuous Synopsis Record	2020-05-06		Liberia	2023-06-22 by Paris MOU
Document of Compliance	2023-05-31	2027-08-27	Korean Register	2023-06-22 by Paris MOU
International Air Pollution Prevention	2022-06-09	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
International Anti-Fouling System	2022-06-09		Lloyd's Register	2023-06-22 by Paris MOU
International Ballast Water Management	2022-06-09	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
International Energy Efficiency Certificate	2023-03-08		Lloyd's Register	2023-06-22 by Paris MOU
International Oil Pollution Prevention (IOPP)	2022-06-09	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
International Sewage Pollution Prevention	2022-02-02	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
International Ship Security	2022-05-23	2027-06-13	Korean Register	2023-06-22 by Paris MOU

Liquefied Gases in Bulk (ICoF/IGC Code)	2022-06-09	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
Load Line	2022-06-09	2027-02-05	Lloyd's Register	2023-06-22 by Paris MOU
Maritime Labour Certificate	2023-04-14	2028-07-05	Liberia	2023-06-22 by Paris MOU
Minimum Safe Manning Document	2023-02-01		Liberia	2023-06-22 by Paris MOU
Nairobi International Convention on the Removal of Wrecks	2023-01-21	2024-02-20	Liberia	2023-06-22 by Paris MOU
Safety Management Certificate	2022-05-20	2027-08-01	Korean Register	2023-06-22 by Paris MOU
Tonnage	2007-02-06		Liberia	2023-06-22 by Paris MOU

## Construction

ShipType	<b>LNG Tanker</b>
Built	<b>2007</b>
GT	<b>100,253</b>
Deadweight	<b>85,602</b>

Structure	Sequence (Bow to Stern)	Position	Type	Material	Length	Breadth
Special Tank	01		Membrane	Stainless Steel		

Ship Type Group:LNG-New Panamax; Statcode5:A11A2TN; Hull Type:Double Hull; Hull Material:Higher tensile steel; Hull Connections:Welded; Decks:1 dk.; Bulbous bow;

Trading, Commercial; Sea, Unspecified

2007-02 [Hyundai Heavy Industries Co Ltd - Ulsan](#) Yard/hull No.: 1754

### Feature

ShipRight SERS

BWMP(E+T)

IWS

QUALSHIP 21

IHM (Green Passport) Cert

pt higher tensile steel

Fuel Consumption Speed - Current Value	<b>16.80</b>
Total Fuel Consumption - Current Value	<b>159.00</b>
Fuel Consumption Speed - Current Value	<b>19.50</b>
Total Fuel Consumption - Current Value	<b>198.00</b>
Total fuel capacity, in cubic metres	<b>7700.00</b>
Boiler Manufacturer	<b>Mitsubishi Heavy Industries</b>
Propeller Manufacturer	<b>Hyundai Heavy</b>

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## Dimensions & Tonnages

Length Overall	<b>288.180</b>
Length (BP)	<b>275.000</b>
Length (Reg)	<b>0.000</b>
Bulbous Bow	<b>Yes</b>
Breadth Extreme	<b>44.240</b>
Breadth Moulded	<b>44.200</b>
Draught	<b>12.370</b>
Depth	<b>26.000</b>
Keel To Mast Height	<b>50.800</b>
Displacement	<b>116325</b>
T/CM	<b>106.2</b>

### See also Specialist in Cargo & Gear for tanker specific dimensions

Tonnage Type	<b>One tonnage, unspecified</b>
Tonnage System	<b>New System (International 1969)</b>
Effective Date	<b>2007-02</b>
Gross Tonnage (GT)	<b>100,253</b>
Net Tonnage (NT)	<b>30,075</b>
Deadweight (DWT)	<b>85,602</b>
Compensated Gross Tonnage (CGT)	<b>0</b>
Formula Deadweight	<b>139,528</b>
Light Displacement Tonnage (LDT)	<b>30,723</b>

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## Cargo & Capacities

Grain	0	Bale	0	Liquid	0	Gas	146,838
TEU	0	TEU 14t	0	Insulated	0	Passengers	0
Bollard Pull (t)	0						

Crew 44; Segregated Ballast 55,526; Liquid Gas 146,838

Cargo Pumps 8 @ 1,800 M3/hr

IGS, SBT (Protective), Closed Loading, VRS - Vapour Recovery System, -163 Minimum Temp (Centigrade), 4 Lines (manifolds) per Side, 28.00m Mid Point Manifold Forward (Light), 66.50m Parallel Body Length (Light), 38.50m Mid Point Manifold Aft (Light), 53.21m Mid Point Manifold Forward (Ballast), 133.05m Parallel Body Length (Ballast), 79.84m Mid Point Manifold Aft (Ballast), 57.00m Mid Point Manifold Forward (Laden), 143.00m Parallel Body Length (Laden), 86.00m Mid Point Manifold Aft (Laden), 144.83m Bow to Centre Manifold, 0.400m Manifold Discharge Diameter

4 Membrane, Stainless Steel, Gtt Mkiii Design, Polyurethane Foam Lined, Prismatic, Horizontal Aligned Tank(s)

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## Machinery

1 turbo electric steam turb. with flexible couplings & double reduction reverse geared to screw shaft driving 1 FP propeller at 88 rpm Total Power: Mcr 28,665kW (38,973hp), Csr 25,816kW (35,099hp) Max. Speed: 19.50kts, Service Speed: 16.80kts Speed & Consumption: 16.80 knots on 159.00 tonnes per day

Design: Cummins, Engine Builder: Cummins 1 x KTA-38-M, 4 Stroke 12Cy. 159 x 159, Mcr: 746 kW Design: Man-B&W, Engine Builder: Hyundai Heavy Industries Co Ltd 1 x 9L32/40, Mcr: 4053 kW

1 x 3,850kW 60Hz a.c., 1 x 700kW 60Hz a.c.

1 x Water tube domestic boiler

Fuel: gas boil off: 0 cu m, distillate fuel: 430 cu m

Speed (kn)	At Consumption (t)
16.80	159.00
19.50	198.00

Design: Mitsubishi (Group: Mitsubishi), Engine Builder: Hyundai Heavy Industries Co Ltd - South Korea 1 x MS40-2, Mcr: 28,665 kW (38,973 hp) at 3,494 rpm

1 Thwart. CP thruster (f) 1,971kW(2,680bhp)

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