



Gas Carrier



4,700 m³ | 12,500 m³ | 15,000 m³
15,600 m³ | 17,000 m³
22,000 m³ | 30,000 m³

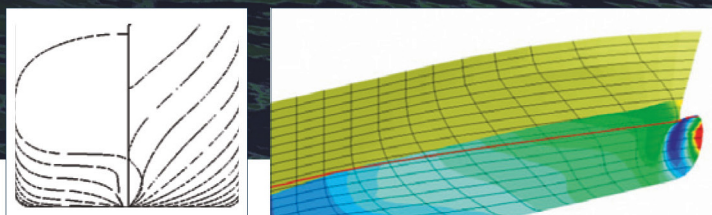
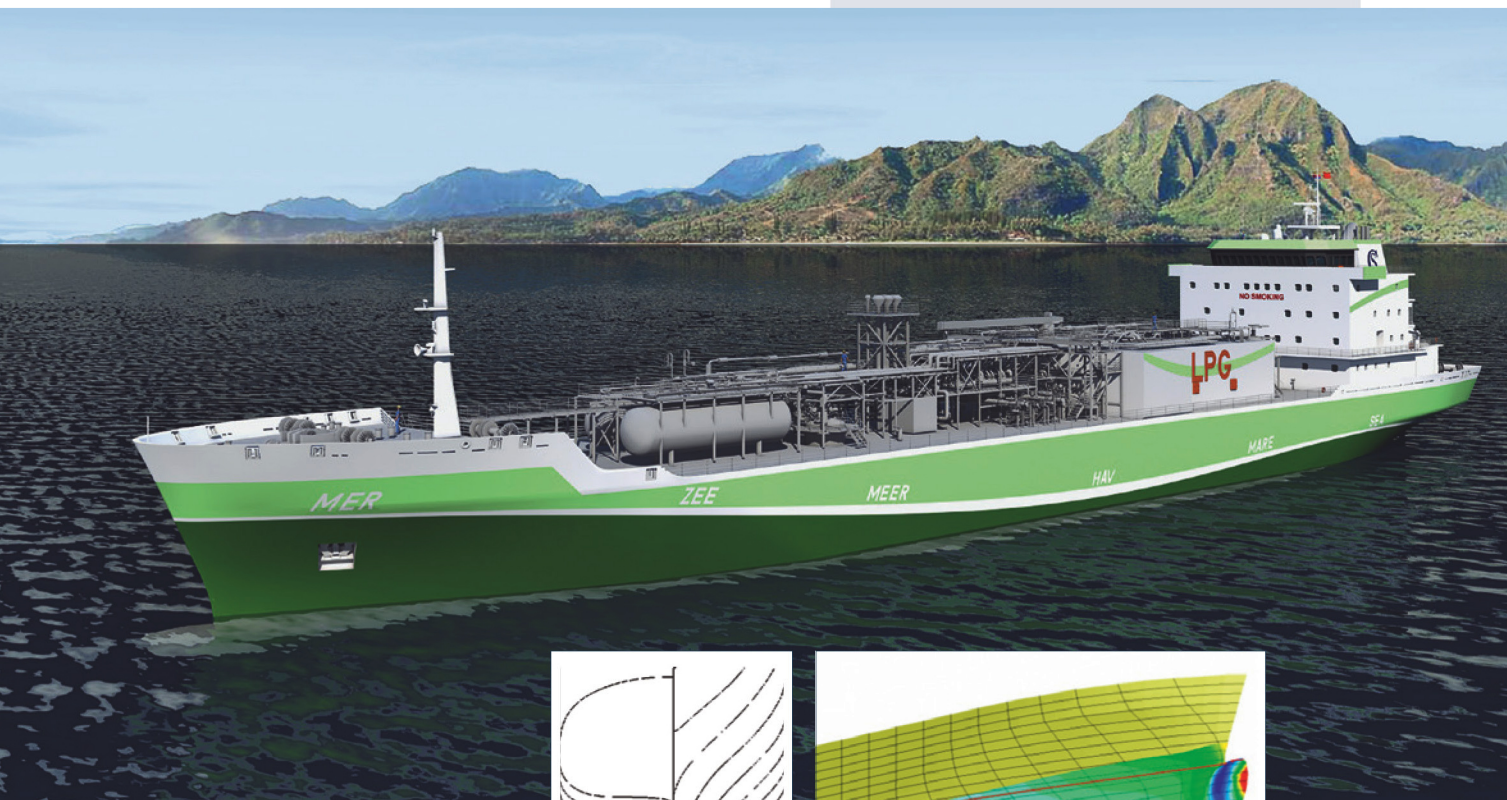


MEYER WERFT
PAPENBURG 1795

LPG | LEG | LNG Carrier

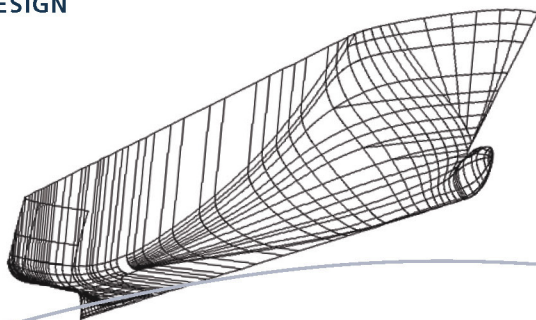
Facts & Figures

- Environmentally friendly due to dual fuel technology (GO and LNG)
- LNG boil off gas from cargo as fuel or separate LNG fuel tank
- Driven by modern and efficient dual fuel engines
- Energy efficient hull design



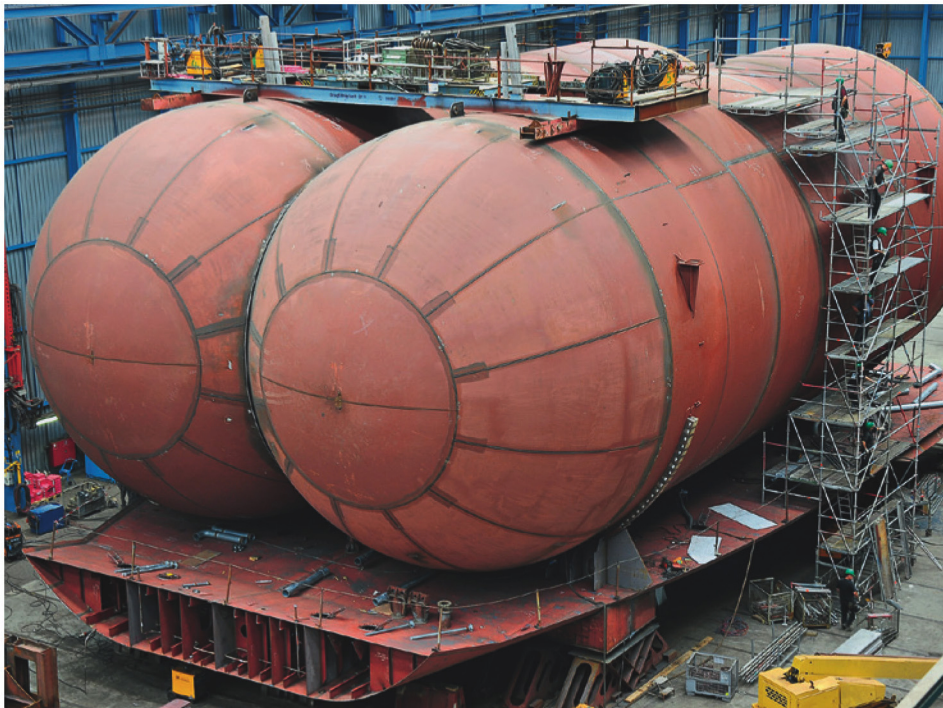
ENERGY EFFICIENT HULL DESIGN

- CFD optimization
- Extensive experience (cruise ship design)
- Good seakeeping
- Individual optimization for operational profile
- Low fuel consumption

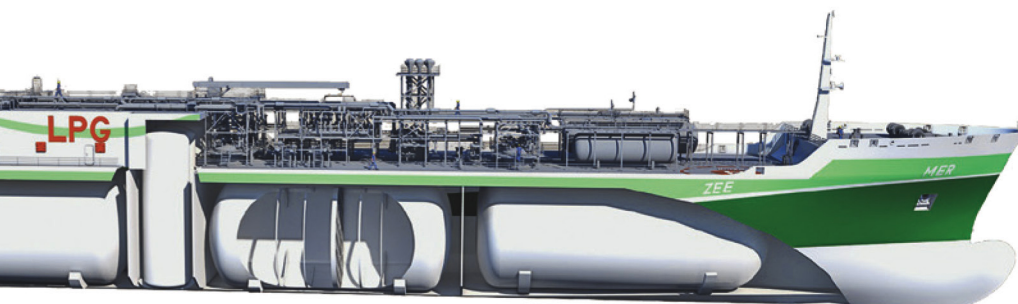


MAIN PARTICULARS

Cargo capacity	4,700 m³	12,500 m³	15,000 m³	15,600 m³	17,000 m³	22,000 m³	30,000 m³
Length overall:	98.90 m	145.70 m	149.90 m	154.95 m	154.60 m	155.00 m	208.00 m
Length betw. perpendiculars:	97.10 m	135.40 m	141.10 m	146.67 m	147.40 m	149.10 m	194.50 m
Moulded breadth:	18.40 m	20.50 m	21.60 m	22.70 m	22.70 m	25.50 m	24.90 m
Depth to main deck:	10.20 m	13.80 m	14.50 m	14.95 m	14.95 m	16.80 m	16.45 m
Design draught (LEG/LNG/LPG):	6.00 m	7.70 m	8.15 m	7.35 m	8.10 m	9.00 m	8.30 m
Design draught (VCM):	–	9.70 m	10.55 m	–	10.58 m	11.40 m	10.50 m
Deadweight at VCM draught:	–	13,500 t	16,200 t	–	18,100 t	23,200 t	31,200 t
Speed in trial conditions at Ethylene draught, 85% MCR 15% sea margin:	14.5 kn	17.0 kn	17.0 kn	15.8 kn	17.0 kn	16.5 kn	16.5 kn
Cruising range (approx.):	12,000 nm	12,000 nm	10,000 nm	10,000 nm	12,000 nm	10,000 nm	10,000 nm
Max. tank pressure [bar]:	6.0 (g)	4.5 (g)	5.4 (g)	4.5 (g)	4.5 (g)	4.5 (g)	4.5 (g)
Type C gas tanks:	•	•	•	•	•	•	•
Det Norske Veritas or equivalent	•	•	•	•	•	•	•



More than 300 gas tanks have been built by MEYER WERFT



RULES

- SOLAS 1974 as amended
- Marpol as far as applicable
- International load line convention 1966, amendments 1983
- International convention on tonnage measurement
- IGC code, resolution MSC.5 (48)
- USCG regulations for foreign flagged vessels
- National rules and regulations for merchant ships with a flag of convenience

HANDLED CARGOES

- Anhydrous Ammonia
- Butadiene
- Butane (I, N)
- Butane-Propane mixtures
- Carbon Dioxide
- Propane
- Propylene
- Vinyl Chloride Monomer
- Propylene Oxide
- Acetaldehyde
- Dimethylamine
- Ethyl Chloride
- Diethyl Ether
- Ethylene Oxide / Propylene Oxide (max 30 wt-% E.O.)
- Isoprene (Monomer)
- Isopropylamine
- Methane
- Methyl Chloride
- Monoethylamine

REFERENCE LIST

Name	Year of delivery	Owner	Lbp x B x Draft [m]	Tank Cap. [m³]	Max. tank pressure [bar(g)]	Min. tank temp. [°C]	No. of tanks
Coral Energy	2012	Anthony Veder, Netherlands	146.67x22.70x7.35	15,600	4.5	-164	3
Gaschem Antarctic	2010	Harpain Reederei, Germany	147.40x22.70x8.10	17,000	4.5	-104	3
Gaschem Adiratic	2010	Harpain Reederei, Germany	147.40x22.70x8.10	17,000	4.5	-104	3
Gaschem Pacific	2009	Harpain Reederei, Germany	147.40x22.70x8.10	17,000	4.5	-104	3
Gaschem Nordsee	2009	Harpain Reederei, Germany	147.40x22.70x8.10	17,000	4.5	-104	3
Clipper Hermod	2008	Solvang ASA, Norway	147.40x22.70x8.10	17,000	4.5	-104	3
Clipper Hermes	2008	Solvang ASA, Norway	147.40x22.70x8.10	17,000	4.5	-104	3
Clipper Helen	2007	Solvang ASA, Norway	147.40x22.70x8.10	17,000	4.5	-104	3
Clipper Hebe	2007	Solvang ASA, Norway	147.40x22.70x8.10	17,000	4.5	-104	3
Clipper Harald	1999	Solvang ASA, Norway	135.40x20.50x7.70	12,660	4.5	-104	3
Clipper Viking	1998	Solvang ASA, Norway	135.40x20.50x7.70	12,660	4.5	-104	3
Salacgriva	1991	AKP Sovcomflot, USSR	141.10x21.60x8.15	15,000	5.4	-48	3
Saulkrasti	1991	AKP Sovcomflot, USSR	141.10x21.60x8.15	15,000	5.4	-48	3
Skulte	1991	AKP Sovcomflot, USSR	141.10x21.60x8.15	15,000	5.4	-48	3
Skriveri	1990	AKP Sovcomflot, USSR	141.10x21.60x8.15	15,000	5.4	-48	3
Sloka	1990	AKP Sovcomflot, USSR	141.10x21.60x8.15	15,000	5.4	-48	3
Sigulda	1989	AKP Sovcomflot, USSR	141.10x21.60x8.15	15,000	5.4	-48	3
Gurupi	1987	Petrobras, Brasil	124.40x19.00x8.40	8,100	5	-48	3
Gurupa	1987	Petrobras, Brasil	124.40x19.00x8.40	8,100	5	-48	3
Grajuau	1987	Petrobras, Brasil	124.40x19.00x8.40	8,100	5	-48	3
Donau	1985	F.A. Detjen, Germany	174.20x30.00x11.70	30,207	5.7	-50	4
Immanuel Kant	1983	B. Schulte, Germany	149.15x21.30x9.80	15,364	5.4	-48	3
Tycho Brahe	1982	F.A. Detjen, Germany	149.15x21.30x9.80	15,370	5.4	-48	3
Lielupe	1978	Latvian Shipping Comp., USSR	127.50x20.50x8.20	12,000	5	-48	3
Mayori	1977	Latvian Shipping Comp., USSR	127.50x20.50x8.20	12,000	5	-48	3
Dubulty	1977	Latvian Shipping Comp., USSR	127.50x20.50x8.20	12,000	5	-48	3
Dzintari	1976	Latvian Shipping Comp., USSR	127.50x20.50x8.20	12,000	5	-48	3
Bolduri	1976	Latvian Shipping Comp., USSR	127.50x20.50x8.20	12,000	5	-48	3
Yurmala	1975	Latvian Shipping Comp., USSR	127.50x20.50x8.20	12,000	5	-48	3
Zetagas	1982	Sloman Neptun, Germany	113.70x15.50x7.50	6,566	7.5	-48	3
Kurt Illies	1982	B. Schulte, Germany	113.70x15.50x7.50	6,517	7.5	-48	3
Sultan Mahmud	1984	P.T. Pupuk Sriwidjaja, Indonesia	105.00x16.30x7.70	5,724	4.8	-48	3
Badaradduni II							
Hermann Schulte	1980	B. Schulte, Germany	102.00x15.50x7.50	5,673	7.5	-48	3
Gaz Nordsee	1982	F.A. Detjen, Germany	102.00x15.50x7.50	5,668	7.5	-48	3
Gaz Pacific	1981	F.A. Detjen, Germany	102.00x15.50x7.50	5,667	7.5	-48	3
Dorothea Schulte	1981	B. Schulte, Germany	102.00x15.50x7.50	5,647	7.5	-48	3
Epsilon Gas	1977	Sloman Neptun, Germany	99.90x15.40x7.45	5,600	7.5	-48	3
Benghazi	1978	Caltram, Algeria	99.90x15.40x7.45	5,540	7.5	-48	3
Coralis	1976	Coral Shipping Co., Curacao	99.90x15.40x7.45	5,540	7.5	-48	3
Deltagas	1974	Sloman Neptun, Germany	99.60x15.40x7.20	5,500	7.5	-48	3
Gammagas	1972	Sloman Neptun, Germany	99.60x15.40x7.20	5,200	7.5	-48	3
Irene	1971	Transmarin, Germany	99.60x15.40x7.20	5,174	7.5	-48	3
Nicole	1967	AB Transmarin, Sweden	83.00x14.00x6.00	3,010	8	-48	6
Kap Roland	1968	Partnerreederei MT „Kap“ „Roland“, Germany	71.70x12.00x4.60	2,119	8	-30	3
Tine Tholstrup	1968	I/S Transkosan, Denmark	65.10x12.00x4.60	1,623	7.5	-42	2
Ligur	1970	Partrederiet MT „Ligur“, Sweden	62.45x11.50x5.10	1,526	9	-10	4
Libra	1968	Rederiet MT „Libra“, Sweden	62.00x11.50x5.00	1,526	8	-10	4
Claude	1967	AB Transmarin, Sweden	62.00x11.50x5.00	1,511	8	-10	4
Gaston Micard	1964	SigS. Arstad, Norway	62.00x11.50x5.00	1,421	9	-10	2
Lisbeth Tholstrup	1963	I/S Transkosan, Denmark	60.00x9.50x3.60	923	7.5	-10	2
Ulla Tholstrup	1961	A/S Kosangas, Denmark	60.00x9.50x3.60	917	7.5	-10	2
Kirsten Tholstrup	1961	I/S Transkosan, Denmark	60.00x9.50x3.60	907	7.5	-10	2
Hanne Tholstrup	1962	A/S Kosangas, Denmark	60.00x9.50x3.60	895	7.5	-10	2
Mary Else Tholstrup	1965	I/S Transkosan, Denmark	46.50x9.50x3.60	628	17.5	-10	3
Ninja Tholstrup	1964	A/S Kosangas, Denmark	46.50x9.00x3.60	597	17.5	-10	3
Ann Lise Tholstrup	1963	A/S Kosangas, Denmark	46.50x9.00x3.60	597	17.5	-10	3





Innovation & Technology

SHIPBUILDING IN PAPENBURG



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