



Leistungsschau Griechenland

Max Liese
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Company introduction

- TGE Marine Gas Engineering is one of the world's leading engineering contractors specialising in gas carriers, offshore units and LNG fuel gas systems
- Almost 40 years of experience with more than 250 gas carrier and fuel gas systems contracted
- Shareholder: Mitsui E&S Holdings Co., Ltd. Japan
- Address: Mildred-Scheel-Str. 1, 53175 Bonn, Germany
- Web: www.tge-marine.com



Business activities and expertise



• Cargo handling systems and tanks for gas carriers

- LPG carriers
- Ethylene carriers
- LNG carriers
- LNG bunker vessels

Cargo handling systems & tanks

• Cargo handling systems and tanks for offshore units

- FSO / FPSO for LPG
- FSRU, FRU, and FPSO for LNG

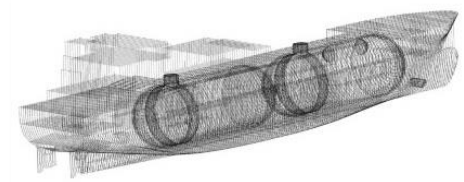
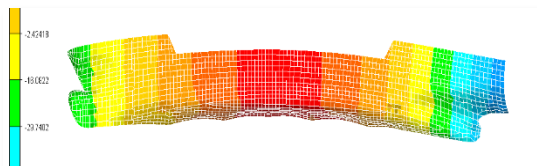


Key expertise & process know-how

Ship design packages

• Ship design packages

- Basic ship classification drawings
- Complete design package including steel drawings



Fuel gas systems

• Fuel gas systems

- Type C LNG tanks or vacuum insulated type
- Gas processing system



Industry firsts



World's first high pressure LNG fuel supply system



World's largest LNG carrier based on type C tanks



World's first combined 7,500 m³ LNG / LEG carrier



37,000 m³ ethylene/ethane carrier, the largest ethylene ship in the world



World's first 16,100 m³ Caribbean-FLNG



World's first LNG bunker new building

LPG / Ethylene Gas Tanker

Our latest projects

	size	kind of vessel	Delivery
5x	22,000 m ³	LPG/NH3/VCM carrier	2014-2016
4x	21,000 m ³	LEG/LPG/NH3/VCM carrier	2015-2016
2x	13,000 m ³	LPG carrier	2018/under construction
1x	1,500 m ³	LEG carrier	2019
2x	22,000 m ³	LPG/Ammonia/VCM carrier	2018

- Specials
 - More than 220 cargo handling systems
 - Cargo tanks up to 14,000 m³ capacity per tank



LNG Tanker (shuttle tanker and bunker vessels)

Our latest projects

	size	kind of vessel	Delivery
1x	5,800 m ³	LNG bunker vessel	2016
1x	18,000 m ³	LNG carrier	2017
1x	6,500 m ³	LNG carrier	2017
1x	7,500 m ³	LNG carrier -> bunker vessel conversion	2018
1x	5,800 m ³	LNG bunker vessel	under construction

- Bunker vessels up to 40,000 m³ capacity



LNG Fuel Gas Systems

Our latest projects

	size	kind of vessel	Delivery
1x		SSCV (Semi-submersible crance vessel)	2018
2x	3,800 m ³	Pure Car/Truck carrier	2016
6x	1,400 TEU	Container	2018-2019 and under construction
1x	1,000 TEU	Container	2017
2x	2,525 TEU	Class Container	under construction
2x	3,600	PCTC	under construction
2x	16,000 DWT	Tanker for Oil and Chemical	under construction

- Specials
 - All major engine makers
 - All types of engines
 - 4-stroke, 2-stroke: high & low pressure
 - All types of vessels: container vessels, product tanker, car carrier, cruise vessels, gas tanker, offshore crane vessel, etc.



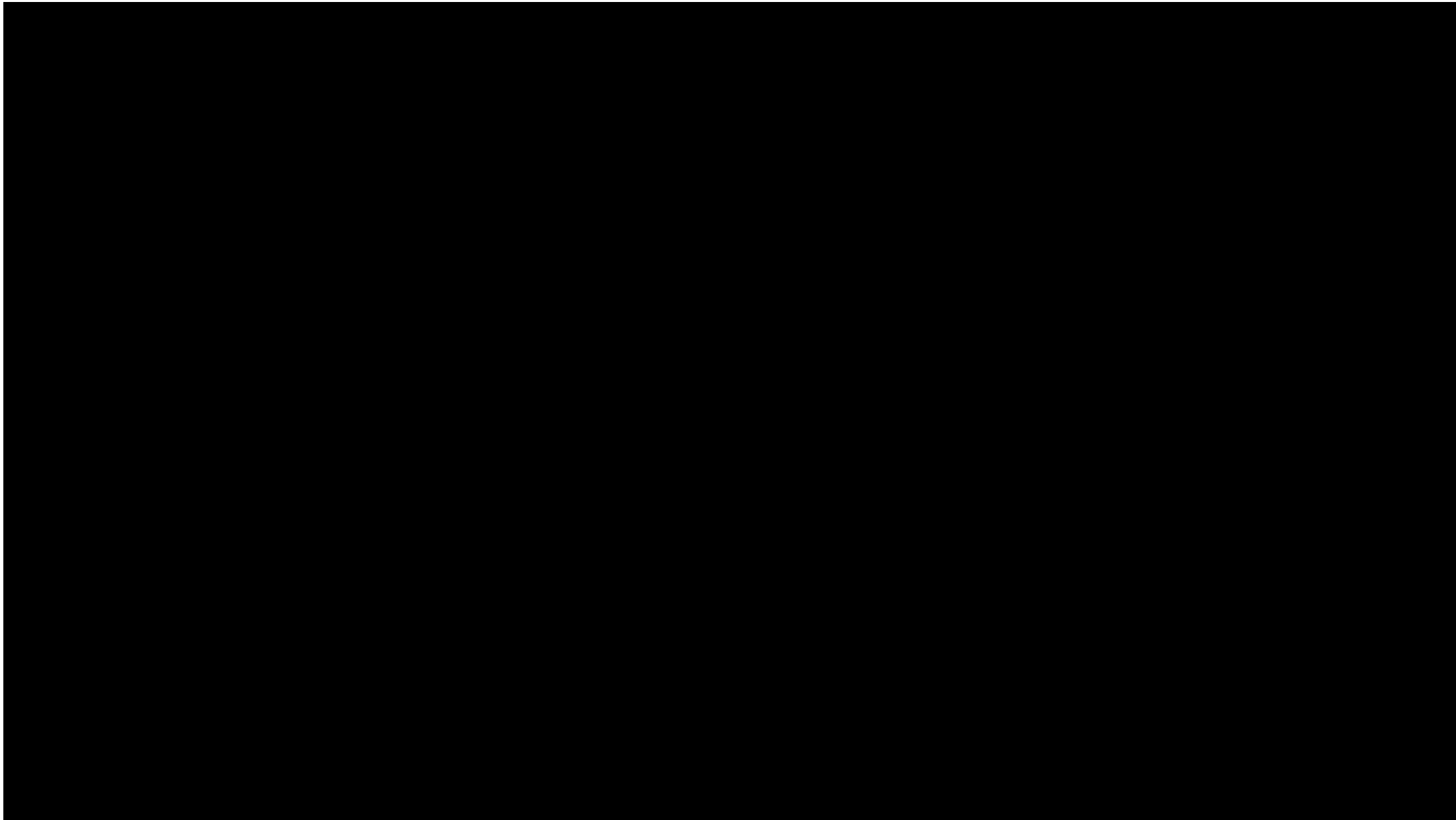
FSRU – Floating Storage Regasification Units

Our latest projects

	size	kind of vessel	Delivery
1x		Power Barge	under development
1x	28,000 m ³	LNG Floating Regasification Unit	under construction

- Specials
 - High flexibility and short delivery time
 - Storage capacities up to 80,000 m³ (type C tanks)
 - Extension of storage capacity with additional FSU
 - Tailor made send out capacity, temperature and pressure
 - Intermediate cycle or ambient air vaporiser technology
 - Waste heat recovery with power plant







For further information please email:
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www.tge-marine.com