



## M/V GUARD SUPPLIER



Vessel Specification

Jan 2018

TANANGER OFFSHORE Specification Sheet  
Revision 15.01.2018

## M/V GUARD SUPPLIER

Bollard Pull	69 tonnes	Brake Horsepower	5,440 BHP
Winch Line Pull	150 tonnes		

### General Information

Built	Immaura Shipyard, Japan, May 1999
Flag	Norway
Call Sign	LFFR
IMO Number	9196498
Classification	DNV + 1A1,E0,HL (2,5)

### Dimensions

Length, Overall	58.0 meters
Length, BP	51.6 meters
Breadth, moulded	15.0 meters
Depth, main deck	5.5 meters
Design Draft	4.3 meters
Maximum draft midship	4.7 meters
GT	1,368 Tonnes
NT	469 Tonnes

### Capacities

Deadweight (Maximum):	1,330 tonnes
Clear Deck Area	31m x 12m =372 square meters
Deck Strength	general deck-5 tonnes per square meter Aft A/H deck -10 tonnes per square meter
Deck cargo	600 tonnes
Fuel	455 cubic meters
Potable Water	475 cubic meters
Ballast Water	540 cubic meters (including multiuse tanks)
Brine/DMA/Glycol/Liquid Mud	112 cubic meters (s.g. 2.5) (in 2 dedicated tanks)
Liquid Mud:	210 cubic meters approximately (s.g.2.5) (in 4 tanks)
Dry Bulk	127 cubic meters (4500 cubic feet) ( in 4 tanks)

### Machinery

Main Engines:	2x 2,720 BHP =5440 BHP Bergen KRMB-9
Propulsion:	2xCPP propellers in Kort nozzles

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	2 x Ulstein high-lift independent rudders
	2 x Electro-Hydraulic Steering gears
Bow Thrusters	2 x 700 BHP, developing 8.25 tonnes thrust each
Stern Thrusters:	1 x 700 BHP, developing 8.25 tonnes thrust
Shaft Generators	2 x shaft generators, output approximately 1600 kVA, 450 V, 60 Hz at 825 RPM of main engine
Auxiliary Generators:	2 x diesel driven Yanmar 6 HAL 2- 4 TW, output approximately 2 x 500 kVA, 450V, 60 Hz @1800 RPM
Emergency Generators	1 x Yanmar 6CHL2-T(H), output approximately 100 kVA, 450 V, 60 Hz @1800 RPM (local on fo 'c'sle deck)

### Deck Machinery

Tuggers	2 x 5 tonnes Brattvaag
Capstans	2 x 10 tonnes Brattvaag
Windlass	9 tonne full Brattvaag, complete with 2 x mooring drums capacity 300 m x 25 Nippon Ican, 1.5 tonnes at 10 m outreach.
Smit Towing Bracket	1 x 200 tonnes SWL located on fo 'c'sle
Crane Capacity	Nippon Ican, 1.5 tonnes at 10 m outreach 3 melcal cranes 1.0t @ 20m

### Electronics

Main Radar:	Furuno FR-28358S-7AF colour, S-band, ARPA 28 ins display, complete with remote display at aft console
Auxiliary Radar:	Furuno FAR-2xx7 Series (colour) with remote display
Auto Pilot:	Robertson AP9 Mk3
Gyro Compass	Tokimec repeaters in wheelhouse, bridge wings, steering gear room
Magnetic Compass	Tokimec SH 165A
Echo Sounder	1 x STN Aelas 9205 & 1 x Furuno FE 700
DGPS	1 x Furuno GPS 150 1 X Furuno GPS 32
Anemometer	Nippon Electric
Speed Log	Tokimec TD 201
Direction Finder	Taiyo Musen TD L1550A
Communications	G.M.D.S.S (Global Maritime Distress & Safety System ) Area A3 1 x SSB 2 x VHF 2 x Inmarsat C 456482510 (Furuno) 456482511 (Furuno) 3 VHF (Portable) 2 x SART 2 X EPIRB 1 x Navtex
Watch System	Furuno
Weather Fax	Furuno Fax 214

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**Discharge Pumps**

Fuel Oil	2 x100 cubic meters/hr-9.0 bar
Dirty Oil	1 x100 cubic meters/hr-2.0 bar
Potable Water	1 x150 cubic meters/hr-9.0 bar
Drill Water	1 x150 cubic meters/hr-9.0 bar
Liquid Mud	1 x75 cubic meter/hr-18.0 bar
Brine/Mud	1 x75 cubic meter/hr-18.0 bar
Dry Bulk	80 cubic meters/hr-5.6 bar,80psi,2 compressors
Cargo Flow Meters	Fuel Oil and Fresh Water/Drill water

**Performance**

Speed/Fuel	Max speed-13.0 knots @ 9.0 tonnes per day Economic at 10.0 knots Towing at maximum load-23.0 tonnes per day
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**Standby Rescue Equipment**

MOB-self-righting Springer boat with inboard diesel engine with water jet propulsion, 15 knots (light load) with boat davit for quick launch/recovery.

**Accommodation**

Berths	6 x 1 berths 3x2 berths 3 x4 berths Total berths: 24 (vessel can only carry maximum 20 persons) Note: (Cert. of Compliance-ILO 92-4 man cabins can only carry 3 persons) 1 ship's office /lounge 1 mess/day room 1 galley All living space fully air-conditioned, design 45 degC outside, 23 degC inside All living space fully heated, design -5 degC outside,22 degC inside.
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**Environmental Features**

- 1 x 15 ppm oily water separator, with monitor shutdown
- 1 sewage plan, extended aeration type Taiko Kikai USC-20

Remote digital fuel economy computer read out in wheelhouse,of main engine fuel consumption/vessel speed

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## ABOUT TANANGER OFFSHORE

Tananger Offshore engages in the global offshore industry, expert in providing subsea seismic support and fish farm support services with our experience crew and management team, environmental friendly fleet with advanced technology. Tananger Offshore AS is a privately owned Norwegian company, which established in 1996, the main office is located in Hafrsfjord, Norway. In 2010, the company also extended the business and set up the Singapore office.

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