



# SIMON MØKSTER SHIPPING



## M/S "STRIL MYSTER"

### SUPPLY VESSEL

#### OWNERS

Stril Myster AS  
c/o Simon Møkster Shipping AS  
PO Box 108  
N-4001 Stavanger  
NORWAY

Phone: +47 51839000  
Fax: +47 51839090  
E-mail: [post@mokster.no](mailto:post@mokster.no)

Org.no.989.174.231

#### MANAGER

Simon Møkster Shipping AS (same address as above)  
manages the vessel.

#### Identification

Call Sign: LLTU  
IMO No: 9243370  
DnV no: 23670  
MMSI no: 259698000

#### SERVICES AVAILABLE

The vessel is equipped for Oilfield support.

#### MAIN DETAILS

**Type: VS-490**  
Platform Supply Vessel (PSV)

**Class DnV**  
1A1, SF, Supply Vessel, E0, LFL\*, Dynpos ATR., DK (+), HL (2,5), CLEAN, COMF – V(3)

**Certificates**  
World Wide, Solas, Marpol, Load line conv, NMD.

**Yard and Registry**  
Builders Aker Aukra Norway  
Vessel built : 2003  
Port of registry : Stavanger  
Flag : Norwegian

#### MAIN DIMENSIONS

- L.o.a. : 90,20 m
- L p.p : 77,20 m
- Breadth : 19,00 m
- Depth main deck : 7,45 m
- Summer draft : 6,90 m
- Freeboard max : 1,42 m
- GT (ITC 69) : 3524 t
- NT (ITC 69) : 1057 t
- DWT : 4500 t

**CARGO CAPACITY**

Dead weight : 4500 t

**DECK SPACE / STRENGTH**

- Length : 62,40 m
- Breadth : 15,78 m
- Total : 958.00 m<sup>2</sup>
- Max deck load : 2200 tons
- Deck strength : 5 tons/m<sup>2</sup>
- Forklift axle load : 20 tons

**TANK CAPACITY**

- Fuel oil : 1100 m<sup>3</sup>
- Drill water : 1257 m<sup>3</sup>
- Potable water : 750 m<sup>3</sup>
- Liquid mud LFL\* : 492 m<sup>3</sup>  
6 x 82 m<sup>3</sup> ; Sp. Gravity=2,5
- Liquid mud LFL : 246 m<sup>3</sup>  
3 x 82 m<sup>3</sup> ; Sp. Gravity=2,5
- Methanol : 250 m<sup>3</sup>  
2 x 61 m<sup>3</sup> + 2 x 64 m<sup>3</sup>
- Dry Bulk : 336 m<sup>3</sup>  
6 x 56 m<sup>3</sup>
- Brine : 860 m<sup>3</sup>  
(in liquid mud tanks)
- Drill/Ballast Water : 1890 m<sup>3</sup>
- Fresh Water : 750 m<sup>3</sup>
- Base oil (t-13 stb) : 246 m<sup>3</sup>  
(in comb. With mud tanks)

**PIPE LINE CONNECTIONS**

Fuel oil	: 4" Avery Hardol male
Pot water	: 4" Weco female
Drill water	: 4" Weco female
Brine	: 4" Weco female
Liquid mud	: 4" Weco female
Methanol	: 4" Avery Hardol male
Dry Bulk	: 5" Weco female (+4" red)
Base oil	: 4" Avery Hardol

**CARGO DISCHARGING PUMPS**

Fuel oil (hyd-driven)	: 2x 0-250 m <sup>3</sup> /h – 10 bar
DW/Ball (el-driven)	: 2x 0-200 m <sup>3</sup> /h – 10 bar
Pot water (el-drv)	: 2x 0-200 m <sup>3</sup> /h – 10 bar
Liq. Mud (hyd-drv)	: 3x 0- 75 m <sup>3</sup> /h – 24 bar
Liq. Mud (hyd-drv)	: 2x 0-125 m <sup>3</sup> /h – 24 bar
Brine (hyd-driven)	: 1x 0-100 m <sup>3</sup> /h – 25 bar
Methanol (hyd drv)	: 4x 75 m <sup>3</sup> /h – 10 bar
Base oil (el driven)	: 2x 75 m <sup>3</sup> /h – 10 bar
Dry bulk	: 2x 30 m <sup>3</sup> /h -- 6 bar

**ENGINE AND PROPULSION****Engines**

5x Caterpillar 3616 BTA 1800 rpm  
1901 DkW, 690V60Hz  
Harbour/Em.gen : 1 x Cat 3408  
Rating: 360 KW at 1800 rpm  
Voltage: 3 x 440 V 60Hz

**Gears, Propellers & Thrusters**

2 x Rolls Royce Contaz 25 Azimuth  
1 x Rolls Royce 880 kW Azimuth  
2 x Brunvoll Bow Thruster 1000 kW

Vessel: Stril Myster

Details believed to be correct, but not guaranteed.

1 x KaMeWa 2200-CP-KL - 883kW

**Speed & Consumption**

Max speed : 16.5 knots / 30 tons/day  
Service Speed : 12.0 knots / 8,0 tons/day

**DECK MACINERY**

Anchor Chain : (1x467,5 mm + 1x495)m 46 mm NKV 3  
Windlass : 15,0t 0 – 14 m/min  
4,7t 0 – 41 m/min  
Crane 3t/10m : 2 x Hydra marine,  
Boom length 10 m  
Mooring winch :  
Tugger winch :  
Cargo winch :

**DYNAMIC POSITIONING SYSTEM**

DnV class DYNPOS AUT.  
Reference systems: GPS Fan beam

**NAVIGATION EQUIPMENT**

1x Radar 10 cm Arpa 40 target  
1x Radar 3 cm Arpa 40 target  
1x GPS with 12 channel receiver  
1x DGPS with interface to all rel. navigations  
3x gyro compasses with digital repeaters  
1x magnet compass  
1x Doppler log  
1x echo sounder  
1x electronic chart system interface. to all relevant navigation systems

**ACCOMODATION**

Total 20 berths  
12 x 1 men cabins for officers and crew  
2 x 4 berth cabins for passengers  
1x mess  
2 x dayrooms  
1 x Deck office  
1 x Hospital  
1 x Gym  
1 x Lobby  
The vessel has safety equipment acc. to Solas for 20 persons.

**RESCUE AND LIFESAVING EQUIPMENT**

1x FRC type Norsafe Mako 655 212HP  
Hospital with treatment bench, stretchers, medicine and poison lockers, intercom and direct ship to shore communication.  
Medical equip /medicines in accordance to NMD

**COMMUNICATION EQUIPMENT**

The Radio installation is according to GMDSS-A3 (World Wide)  
1 x HF / MF Duplex radio station 500 W  
2 x Duplex VHF W/DSC  
3 x Simplex VHF  
1 x Navtex Receiver  
1 x Inmarsat C with EGC receiver  
1 x Inmarsat B  
1 x Fax provided for Inmarsat B  
1 x Weather facsimile  
1 x VHF Directions finder



1 x Portable VHF GMDSS  
1 x Fixed UHF with 200 channels  
1 x free float bacon  
2 x radar transponders  
3 x portable VHF  
3 x portable UHF, EEX Proof W EX – Battery  
2 x wireless telephones interfaced to cell phones  
1 x GSM mobile phone Voice/Fax/Data

1 x antenna for max. gain

## QA-REQUIREMENTS

ISM certified  
ISPS certified  
ISO-9001:2000 certified  
ISO-14001:2004 certified