



# SIMON MØKSTER SHIPPING



## M/S "STRILBORG"

Standby / Rescue / Tug/ Anchor handling / Service Vessel / Oil Rec.

### OWNERS

Møkster Safety AS  
c/o Simon Møkster Shipping AS  
Skogstøstraen 37  
4029 Stavanger  
Norway

### MANAGER

Simon Møkster Shipping AS  
Skogstøstraen 37  
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Norway

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### Identification

IMO No 9158666  
Call Sign LIZB  
DnV no 19710  
MMSI No 259469000

### SERVICES AVAILABLE

Stand-by / Rescue duties  
Supply  
Anchor handling and towing  
Fire Fighting  
Oil recovery operations

### MAIN DETAILS

**Design: UT-722**  
Anchor Handling / Tug / Supply/ Rescue / Oil Rec

#### Class DnV

1A1 - Tug/Supply Vessel, SF, EO, Oil Recovery, DYNPOS  
AUTR, (DK+), FiFi I+II, ICE-C, LFL\*

#### Certificates

World Wide, Sola, Load line conv. 1966, NMD Cert. of  
Contingency. Fitness for st.by vessel 300 survivors.  
NOFO 2009 Oil Recovery.

#### Yard and Registry

Builders Aukra Yard Norway  
Building year : 1998  
Port of registry : Stavanger  
Flag : Norwegian



### MAIN DIMENSIONS

L o.a.	: 74.90 m
L p.p	: 64.40 m
Breadth	: 18.00 m
Depth main deck	: 8.00 m
Summer draft	: 6.60 m
GT (ITC 69)	: 2957 t
NT (ITC 69)	: 1082 t
Bollard pull	: 165,5t

### TANK CAPACITY

Fuel oil	: 980 m <sup>3</sup>
Drill water	: 1100 m <sup>3</sup>
Potable water	: 702 m <sup>3</sup>
Brine	: 302 m <sup>3</sup>
Liquid mud	: 534 m <sup>3</sup>
Methanol	: 121 m <sup>3</sup>
Dry Bulk	: 284 m <sup>3</sup> (10000 cbf)
Oil Rec	: 1500 m <sup>3</sup>
Base oil	: 240 m <sup>3</sup>

### CARGO DISCHARGING PUMPS

Fuel oil/ORO	: 1x 250 m <sup>3</sup> /h - 9 bar
DW/Ball/ORO	: 1x 250 m <sup>3</sup> /h - 9 bar
Pot water	: 1x 250 m <sup>3</sup> /h - 9 bar
Liq. Mud	: 3x 75 m <sup>3</sup> /h - 18 bar
Brine	: 2x 100 m <sup>3</sup> /h - 18 bar
Methanol	: 2x 75 m <sup>3</sup> /h - 9 bar
Base oil	: 1x 125 m <sup>3</sup> /h - 9 bar
Dry bulk	: 100 tonnes/h

### Deck space/strength

Length	: 36.00 m
Breadth	: 15.00 m
Total	: 570.00 m <sup>2</sup>
Max deck load	: 1300 tons
Deck strength	: 10/5 tons/m <sup>2</sup>

### ENGINE AND PROPULSION

#### Engines

2 x Caterpillar 3616 TA - 4stroke single action 5420 BKW – 7371 BHP  
 2 x Caterpillar 3406 DIT, rating each 270 BkW, gen. type SR4 - 449, rating each 317 kVA,  
 3 x 440 V, 60 Hz - 1800 rpm.  
 2 x AvK shaft generators, rating each 2400 kVA- 1200 rpm,  
 3 x 440 V, 60 Hz

#### Gears, Propellers & Thrusters

2 x Ulstein type 3000 AGC  
 2 x Ulstein 4.blades c.p. in nozzle  
 1 x Ulstein VROS 180 Azimuth, driven by Caterpillar 3612 BTA Output 1096 BKW – 1500 BHP  
 Tunnel thruster: 2 x Ulstein el.driven each. 883 kW - 1200 rpm (One bow and one stern)

#### Rudders and Steering Gear

2 x Ulstein High Lift rudder  
 2 x Tenfjord

### Speed & Consumption

Max speed	: 16,8 knots
Service Speed	: 14,5 knots

### Fire Fighting

Fi Fi, DnV class I and II  
 2 x FIFI pumps installed on each main engine  
 type Nijhuis Pompen HGTF 1-450800H  
 Capacity 3600 m<sup>3</sup>/h each  
 2 x FIFI monitors type Jason FM 400 HD  
 Water spraying system for self-protection.  
 The monitors are operated by a hydraulic remote control/joystick from bridge.

### DECK MACINERY

#### ULSTEIN BRATTVÅG, NORWAY

#### Winches

1 x combined windlass/towing winch.  
 Towing drum 300 m 44 mm dia. wire + 25 m of 104 mm dia. synthetic rope.  
 1 x spare winch for towing wire.  
 Towing and Anchor Handling Winch System  
 1 x 300 tonnes towing and anchor handling winch consisting of: One towing drum capacity 1560m of 76 mm dia wire  
 2 x Anchor handling drums capacity 1390m of 76 mm dia. wire.  
 1 x spare wire reel on top of towing winch capacity 1200 m of 76 mm dia. wire

#### Brake holding load

400 tonnes on towing drum 1 st. layer  
 430 tonnes on anchor handling drum 1 st. layer

#### Cable Lifters

2 x non declutch able cable lifters, two of ø84 mm and 2 x for ø76 mm rig chain mounted on the lower shaft.

#### Pennant Winch

1x pennant winch 15 tonnes.  
 Wire capacity 2 x 1000 m ø76 mm wire.

#### Tugger Winches

2 x tugger winches 12 tonnes. Wire capacity 100 m ø19 mm wire.

#### Capstans & Towing Pins

2 x Capstans 5 tonnes  
 4 x Towing Pins ø350 mm

#### Fork Units

2 x Karm Fork ø450 mm w/MBL 750 ton Accommodate wire/chain up to 125 mm

### Deck Cranes

1 x ABAS KDE 150-EH-12000/5400 - 15 M - 10 T,  
 1 x HLM Deck Crane: type 40-4S 13 M -750 Kg

### DYNAMIC POSITIONING SYSTEM

DnV class DYNPOS AUTR.  
 SDP system type Simrad SDP 21  
 Differential GPS type Seatex DPS 116  
 Fanbeam lasser  
 HPR HiPAP Model 2007

### NAVIGATION EQUIPMENT

2 x ECDIS Furuno Telco TECDIS systems  
1 x 10 cm ARPA radar Furuno Far-2137 S BB  
1 x 3 cm ARPA radar Furuno FAR-2117 BB  
2 x GPS type Furuno GPS Navigator GP-150  
2 x GYRO type Anschutz STD 22  
1 x AUTOPILOT type Anschutz Pilot star-D  
1 x ECHO-SOUNDER type Skipper GDS 101  
1 x DOPPLER LOG type JRC JLN  
1 x AIS Furuno Type FA100  
1 x GPS type Seatex DGPS DPS 116  
1 x GPS type Seatex DGPS DPS 200

### ACCOMMODATION

2 x 1 men cabins w/dayroom and bedroom  
7 x 1 men cabins  
4 x 2 men cabins  
4 x 4 men cabins  
Total 33 bunks , all cabins are equipped with WC and Shower

### OIL SPILL EQUIPMENT

DnV Oil Recovery Class and NOFO 2009 approved.  
Miros Oil Spill detection radar system.

### COMMUNICATION EQUIPMENT

The Radio installation are according to GMDSS-A3(World Wide)  
1 x MF/HF Sailor 6301 Control unit with Sailor 6360 Transceiver  
1 x Inmarsat C Sailor 6110 GMDSS System  
1 x Inmarsat C Sailor TT-3606E Message Terminal with Sailor TT-3020C Inmarsat C Transceiver  
1 x Navtex Type Furuno NX-700  
3 x Emergency portable VHF Jotron Tron TR20  
1 x Manual EPIRB Jotron Tron 45SX

1 x Automatic release EPIRB Jotron Tron 60S/GPS  
1 x SART Jotron Tron SART  
1 x AIS SART Jotron Tron AIS-SART  
2 x Fixed VHF Sailor 6222 VHF DSC with TT6204A  
2 x Fixed VHF Sailor 6210 VHF  
3 x Portable VHF Motorola GP380  
1 x Portable EX VHF Motorola GP380  
3 x Fixed UHF Motorola GM380  
2 x Fixed UHF Motorola GM360  
5 x Portable UHF Motorola GP380  
4 x Portable EX UHF Motorola GP380  
1 x Iridium Pilot BUG 1401  
1 x VHF Radio Dir. Finder; TAIYO TD-L1520  
1 x VHF Air Band Transceiver ICOM IC-A6E  
1 x Helibeacon type Telesupply TS1  
3 x GSM/4G Cell Phone CAT  
1 x Ice.net Router  
1 x 4G Router Ucom  
2 x IP-phone Polycom

### QSHE – CERTIFICATIONS

ISM  
ISPS  
MLC  
ISO-9001:2008  
ISO-14001:2004

### QA QUALIFICATIONS

IMCA Member  
FPAL Registered  
Achilles Registered  
Sellihca Registered  
OVID Registered



