



SIMON MØKSTER SHIPPING



M/S "STRILBORG"

Anchor Handling /Tug / Supply/ Rescue / Oil Recovery

OWNERS

Simon Møkster Rederi 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

Org.no.987.341.939

MANAGER

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

IDENTIFICATIONS

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

SERVICES AVAILABLE

The vessel is equipped and fitted for the following services:

- Anchor Handling and Towing
- Supply
- Stand-by / Rescue duties

- 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) : 2926 t
NT (ITC 69) : 1045 t



GWT : 2750 t

CARGO CAPACITY

Dead weight : 3037 t

DECK SPACE/STRENGTH

Length : 36.00 m
 Breadth : 15.00 m
 Total : 570.00 m²
 Max deck load : 1300 tons
 Deck strength : 10/5 tons/m²

TANK CAPACITY

Fuel oil : 1116 m³
 Drill water : 904 m³
 Potable water : 715 m³
 Brine : 302 m³
 Liquid mud : 538 m³
 Methanol : 121 m³
 Dry Bulk : 284 m³ (10000 cbf)
 Oil Rec. : 1500 m³
 Base oil : 240 m³

PIPE LINE CONNECTIONS

Fuel oil : 4" Avery Hardol
 Pot water : 4" Weco female
 Drill water : 4" Weco female
 Brine : 4" Weco female
 Liquid mud : 4" Weco female
 Methanol : 4" Avery Hardol
 Dry Bulk : 5" Weco female
 Base oil : 3" Avery Hardol

CARGO DISCHARGING PUMPS

Fuel oil/ORO : 1x 250 m³/h - 9 bar
 DW/Ball/ORO : 1x 250 m³/h - 9 bar
 Pot water : 1x 250 m³/h - 9 bar
 Liq. Mud : 3x 75 m³/h - 18 bar
 Brine : 2x 100 m³/h - 18 bar
 Methanol : 2x 75 m³/h - 9 bar
 Base oil : 1x 125 m³/h - 9 bar
 Dry bulk : 100 tonnes/h

ENGINE AND PROPULSION**Main engines**

2 x Caterpillar 3616 TA - 4stroke single action.
 Output 5420 BKW – 7371 BHP
 Total 14.742 BHP

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 Pompem HGTF 1-450800H
 Capacity 3600 m³/h each – Total 7200 m³/h
 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.

BOLLARD PULL

Bollard pull : 165,5 tonnes.

AUXILIARIES

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

DECK MACINERY

ULSTEIN BRATTVÅG, NORWAY

Winches

One combined windlass/towing winch.
 Towing drum 300 m 44 mm dia. wire + 25 m of
 104 mm dia. synthetic rope.
 One spare winch for towing wire.
 Towing and Anchor Handling Winch System
 One 300 tonnes towing and anchor handling winch
 consisting of: One towing drum capacity 1560m of 76 mm
 dia wire
 Two Anchor handling drums capacity 1390m of 76 mm dia.
 wire.
 One spare wire reel on top of towing winch capacity
 1450m 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

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

Pennant Winch

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

Tugger Winches

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

**Capstans & Towing Pins**

Two Capstans 5 tonnes
Four Towing Pins ø350 mm

Fork Units

Two Karm Fork ø450 mm w/MBL 750 ton Accomodate wire/chain up to 125 mm The fork units are furnished with a friction coupling to allow fork to turn if the fleet angle of the wire/chain over the stern is larger than allowed by the towing pins

Deck Cranes

One ABAS Deck Crane, Elbow Derrick.
Type: KDE 150-EH-12000/5400 - 15 M - 10 T, constant tension force.
One HLM Deck Crane: type 40-4S 13 M -750 Kg

NAVIGATION EQUIPMENT

1 x Electronic chart system; Telchart T-2121
1 x 10 cm ARPA radar Furuno Far-2137 S BB
1 x 3 cm ARPA radar Furuno FAR-2117 BB
1 x GPS type Garmin 120
1 x GPS type Trimble NT 200D w/diff.
2 x GYRO type Anschutz STD 20 110-222
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 WEATHER fax type Furuno Fax A3
1 x GPS type Seatex DGPS DPS 116

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

ACCOMODATION

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

RESCUE AND LIFESAVING EQUIPMENT

The vessel is arranged and equipped for 300

survivors according to NMD-rules

The following Rescue/Lifesaving equip. is onboard:

1 x Mare Safety GTC 700
1 x Alusafe 700
1 x Dacon Rescue Scoop
3 x Search lights, remote contr. from bridge
Hospital with treatment bench, stretchers, medicine lockers, intercom and direct ship to shore communication.
Medical equipment/medicines in acc. to NMD

OIL RECOVERY 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)

MW/SW Tranceiv. contr.unit; Sailor RE-2100
MW/SW SSB Message term.I; Sailor H-2098
MW/SW SSB Monitor type Sailor H-1253
MW/SW SSB Transm. 250W; Sailor T-2130
MW/SW Telex receiver type Sailor RM-2151
MW/SW DSC receiver type Sailor RM-2150
MW/SW Duplex receiver type Sailor R-2120
1 x VHF Simplex type Sailor RT-2048
1 x VHF Duplex type Sailor RT-2048
2 x VHF Dupl. DSC Digital; Sailor RT-2042
Immarsat B type Furuno Felcom 81 ph./fax
Immarsat C Telex type Sailor TX/RX
Navtex Type Sailor NT 900
VHF Radio Dir. Finder; Skipper TD-L1520
Free-Float Emerg. Beacon; Jotron 40 S
Helicom Radio type Jotron TR 960
Helibeacon type Telesupply TS1
Weather facsimile type Furuno Fax-208 MK II
2 x Search and Rescue transponders
6 x UHF portable type Motorola/Ascom
3 UHF Motorola type GM 380
1 AIS Furuno Type FA 100

QA-REQUIREMENTS

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

M/S "STRILBORG"



SIMON MØKSTER SHIPPING

