



SIMON MØKSTER SHIPPING



M/S "STRIL MERKUR"

Standby / Rescue / Tug/ 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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Identification

IMO No 9407897
Call Sign OZ 2152
DnV no 27358
MMSI No 231076000

SERVICES AVAILABLE

The vessel is equipped for Oilfield support.

- Support and rescue
- Helideck
- Fire-fighting

- Capable of retrieving FRDC/Lifeboats and
- Hyperbaric lifeboats.
- First line oil recovery
- NOFO oil recovery 2005
- Emergency towing
- ROV for emergency operations
- Mud tanks
- Deck Area ~ 300 m – 5 t/m2

MAIN DETAILS

Type: VS-482.II
Field Support Vessel (FSV)

Class DnV

1A1 Fire Fighter (I+,II) Stand by vessel Tug Clean Design)
COMF(v-3) DYNPOS(AURT) E0 HELDK(S,H) OILREC SF
NAUT-OSV(A)

Certificates

World Wide, 1966 Load line Conv, SOLAS, MARPOL.

Other

Vessel built : 2011 by Gondan, Spain
Port of registry : Torshavn
Flag : Faroe Islands

**MAIN DIMENSIONS**

L.o.a.	: 97,55 m
L p.p	: 84,95 m
Breadth	: 19,20 m
Depth 1 st deck	: 8,00 m
Depth 2 nd deck	: 4,80 m
Draft Summer	: 6,48 m
Freeboard summer	: 1,51 m
GT (ITC 69)	: 6272 t
NT (ITC 69)	: 1882 t
DWT	: 2000 t

TANK CAPACITY

Fuel oil own supply	: 786 m ³
Fresh water	: 439 m ³
Hydraulic oil	: 44 m ³
Lub.oil	: 74 m ³
Urea	: 42 m ³
Dispersant.	: 69 m ³
4 ORO tanks dedicated	: 531 m ³
4 MUD/ORO tanks	: 500 m ³
2 ORO/Fuel tanks	: 335 m ³
Total ORO	: 1366 m ³
Water ballast	: 2300 m ³
Roll reduction tanks	: 262 m ³

CARGO DISCHARGING PUMPS

ORO pumps: 5 x 0-100 m³/h – 8 bar
 1 x F.O transfer pump 40 m³/h – 2,5 bar
 1 x F.W transfer pump 10 m³/h – 6 bar

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

2 x MAK 9M32 600 rpm each 4500 eKW
 Clutch and brake for immediate stop of the propellers

Aux. Engines:

1x CAT 3516C 2350 BKW at 1800 rpm
 2x CAT 3508B 968 BKW at 1800 rpm
 2x CAT C18 TTA 805 hp (601 kW) at 1800 rpm
 SCR catalysator systems with Urea injection on all AE gensets.
 NOx emission before treatment 7,6 g/kWh and Nox emission after
 SCR and Urea treatment less than 2 g/kWh

Emerg. gen.: 1x CAT C9 DITA 230 eKW 1800 rpm

Gears, Propellers & Thrusters

Propulsion system: Scana Volda
 2x ACG 95 / 850 K with PTI booster. 2MW Low Noise
 The vessel has hybrid systems, that can run diesel-electric. Electric
 motors are 2 x 2 MW. They can also run in boost mode.

Propeller diameter 4000 mm, open, 4 blades

Thrusters: Brunvoll

1 x Bow thruster 1200 kW
 1 x Azimuth thruster 1800 kW
 2 x Stern thrusters 800 kW

Speed & Consumption

Speed: 21,5 knots in calm sea

Speed: 20,0 knots in Hs 2,5 m
 In normal st. by operations 4-7 tons gas oil (MGO)

DECK MACINERY

Deck Machinery: Rolls Royce	
Towing winch	: 120 tons
Brake	: 250 tons
2 x Cargo Securing winch	
6 x Lashing winches	
Padeyes and flush lashing points	
Continuous bollard pull	: 110 tons
Wire drum	: 1400 mtr x 64 mm
Spare drum	: 1400 mtr x 64 mm
Tugger winch and Capstan	: 15 tons swl.
Boat recovery winch	: 25 T Brake load 75T
Speed 0-120 m/min in two steps	
Deck crane	: 10T / 16 mtr
Shark jaw	: SWL 300T
Towing pin	: SWL 300T

SLIP AND RESCUE EQUIPMENT

- Rescue boats: Mare Safety
 1x Mob. Boat GTC 900 2 VD 30 knots 10 persons
 1x Daughter Craft MS DC12 35 knots 24 persons
- Slip way solution for safe entry of rescue boats and life boats
- 1x Vestdavit davit for FRDC and FRC retrieval
- 1x Rescue basket
- 2x Direction finder
- 1x Henriksen Harpoon (Sea Claw) with penetrating facilities
- 1x Air rescue gun 300m throw
- FIFI I&II 2 x 3600 m³/h Throw length 180m Height 110m +
 Additional FIFI cannon aft 1x 1200 m³/h
- Survivor capacity: 370 persons
- 1x Hospital
- Medicines and first-aid equipment acc to OLF requirements.
- 1x personnel lift suitable for stretcher transport
- Emergency response co-ordination center
- 1x Helicopter deck for Super Puma / Sikorsky 92 D-value 20,9
 m
- 1 x Securus search light system

DYNAMIC POSITIONING SYSTEM

DnV class DYNPOS AUTR.
 Reference systems: GPS/ Fanbeam/ Hipap/ Radius

NAVIGATION EQUIPMENT

1x Radar 10 cm Arpa 40 target
 1x Radar 3 cm Arpa 40 target
 1x GPS with 12 channel receiver
 2x DGPS with interface to all rel. navigations
 3x gyro compasses with digital repeaters
 1x doppler log
 1x echo sounder
 1x one ECDIS approved chart system
 1x Voyage data recorder
 1x AIS (Automatic Identification System)

ACCOMMODATION

Accommodation for 40 persons
 10 single cabins for crew



8 single cabins for officers
11 double cabins for spare

1x Messroom
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 40 persons.

OIL SPILL EQUIPMENT

ORO capacity 1366 m³ incl drop down tanks
Transrec 150 Framo permanently installed, (NOFO property)
Norlense 400 m oil boom (NOFO property)
NO-1200-R Skimmer Hi-Wax permanently installed
Marklean 200 m oil boom
2 x Spray Booms with dispersant system 60 l/min 3 bar.
Dispersant storage tank 69 m³
Separate change room for oil recovery operations.

COMMUNICATION EQUIPMENT

The Radio installation acc. to GMDSS-A3 (WW)
1x HF / MF Duplex radiostation 250 W
2x Duplex VHF W/DSC
2x Simplex VHF
1x Navtex Receiver
1x Inmarsat C with EGC receiver
1x Inmarsat Broadband
1x Fax provided for inmarsat B
1x Weather facsimile
1x VHF Directions finder

3x Portable VHF GMDSS
3x Fixed UHF with 200 channels
2x Free float beacon
2x Radar transponders
5x Portable VHF
7x Portable UHF, EEX Proof W EX – Battery
5x Wireless telephones interfaced to cell phones
1x GSM mobilephone Voice/Fax/Data
1x Radiotelex
1x VSAT 512 kbit/sec

ROV

1x Sperre Subfighter 7500 Observation ROV
1x Active heave compensating LARS
1x Tether Management System with 500 mtr tether
Dedicated ROV control room

QSHE – CERTIFICATIONS

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

QA QUALIFICATIONS

IMCA Member
FPAL Registered
Achilles Registered
Sellihca Registered
OVID Registered

