



SIMON MØKSTER SHIPPING



“M/V STRIL ORION”

Supply/Rescue/Service Vessel/Oil Rec NOFO 2009/
ERN 99.99.99/ICE-C

OWNERS

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

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E-mail: post@mokster.no

MANAGING COMPANY (DOC HOLDER)

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

IDENTIFICATION

Call Sign: 3YUU
IMO No: 9584554
DnV no: 30732
MMSI: 259977000

SERVICES AVAILABLE

The vessel is equipped and fitted for the following services:

Platform Supply
Stand-by / Rescue duties / Emergency towing
Oil Recovery operations
Good station keeping



MAIN DETAILS

Type: STX PSV 09L CD Design

Class DnV

Det Norske Veritas DNV 1A1 Clean (Design) COMF(C-3, V-3) DK (+) DYNPOS (AUTR) E0 HL (2.8) Ice(C) LFL (*) NAUT (OSV (A)) OILREC SF

Certificates

World Wide, SOLAS 74/78
Load line conv. 1969,
NMD Rescue class for 300 survivors
NOFO 2009

Yard and Registry

Builders	STX Søvik Norway
Vessel built	4Q - 2011
Port of registry	Stavanger
Flag	Norwegian

MAIN DIMENSIONS

L.o.a.		93,50 m
L.p.p.		84,75 m
Breadth		19,00 m
Deadweight		4900 t
Draught, design midship	5,90m	
Accommodation		24 persons

DECK SPACE / STRENGTH

Deck areal	16m x 65m	1040 m ²
Deck Cargo		2300 tons
Deck strength		10 & 5 t/m ²

TANK CAPACITIES

Ballast water	3652 m ³
Drill water	2617 m ³
Pot water	1071 m ³
Dry bulk cargo tanks	270 m ³
Base oil (Special products)	537 m ³
Fuel oil	1671 m ³
Liquid Mud / Brine (5 tanks)	1035 m ³
Methanol/Special Prod (4 tanks)	350 m ³
Recovered oil	2057 m ³
Dispersant	150 m ³

CARGO DISCHARGING CAPACITIES

Fuel oil	4 " Avery Hardol male
Fresh water	4 " Weco female
Drill water	4 " Weco female
Brine	4 " Weco female
Base Oil	4 " Avery Hardol male
Spec. Prod.	4 " Avery Hardol male
Liquid mud	4 " Weco female
Dry Bulk	5 " Weco female
Methanol	4 " Avery Hardol male
	w/breakaway
ORO	6 " Weco female

CARGO DISCHARGING PUMPS

Fuel oil	2x 250 m ³ /h - 9 bar
DW/Ballast	2x 250 m ³ /h - 9 bar
Fresh Water	2x 250 m ³ /h - 9 bar

Liq. Mud/ORO	4x 100 m ³ /h – 24,8 bar
Brine	2x 100 m ³ /h - 9 bar
Methanol/Xylene	2x 75 m ³ /h – 13,2 bar
Special Prod	2x 75 m ³ /h – 13,2 bar
Base Oil	1x 100 m ³ /h – 9 bar
ORO pumps :	11x 75-100 m ³ /h – 5-9-13,2 bar
Dry bulk	2 x Compressor Max 24,1 m ³ /min

CRANES

1 x HMC 886 L 20-10 2T-10m
1 x HMC 1301 L 40-12 4T-12m

DYNAMIC POSITION SYSTEM DP-2

Kongsberg K-POS DP-22
DnV class DYNPOS – AUTR
2 DGPS (Veripos/Glonass) 1x Kongsberg DPS 200
1x Kongsberg DPS 132

Kongsberg RADIUS 3.01.00
MDL Fanbeam V2.11B
ERN Number: 99.99.99

NAVIGATION EQUIPMENT

2 x Electronic chart system; Telco Tecdis -2138-D
1 x Radar Furuno FAR-2137 S-band (10 Cm) ARPA
1 x Radar Furuno FCR-2117 S-Band (3 cm) ARPA
3 x GYRO type Anschutz 22
2 x GPS Furuno GP-150
1 x AUTOPILOT Pilotstar D
1 x ECHO-SOUNDER Type Furuno FE 700
1 x Voyage data recorder type Furuno VR-3016
1 x Automatic identification system type FA-150

COMMUNICATION SYSTEMS

The Radio installation is acc. to GMDSS-A3(WW)
1 x Taio TD-L1550A VHF direction finder.
1 x Furuno NX700, NAVTEX receiver.
1 x Sailor 6301 MF/HF DSC
2 x Sailor 6222 VHF DSC
1 x Sailor 6248 VHF
4 x Sailor RT2048 VHF
3 x Jotron Tron TR20 GMDSS VHF
2 x ICOM IC-GM1600E Portable VHF
2 x ICOM IC-A6E VHF Air Band Transceiver
1 x Jotron Tron AIS SART
1 x Jotron Tron SART 20
4 x Motorola GM380 UHF
2 x Motorola GM340 UHF
3 x Motorola DP4801-EX Portable UHF
6 x Motorola GP380-EX Portable UHF
1 x Jotron Tron 45-sx Manual EPIRB
1 x Jotron Tron 40s MKII Automatic release EPIRB
VSAT Phone / Data
3 x GSM Cell phone.
2 x GSM High speed data
2 x Sailor 6006 Inmarsat-C
1 x Sailor 500 Inmarsat-F Fleet Broadband

DECK MACHINERY

2 x el. Driven Mooring Winch/Windlass forward
2 x Hyd. Driven Mooring winches Aft Remote operated 10t
1 x Hyd Towing Capstan, Pulling Force 100 kN
2 x Hyd. Driven tugger winches 15t (PS/SB)/remote operated. Fixed mooring eq. 8 off bollards
6 x Hyd. Driven cargo securing winches Raptor 3,6t



SPEED AND CONSUMPTION

Service speed: 12 knots - approx. 19m³ @ 2 gen. sets
Eco Speed: 10 knots - approx. 12 m³ @ 1 gen. set
Full Speed: 15 knots – approx. 32 m³ @ 3 gen. sets
DP operation: approx. 6m³
Stand by: approx. 5m³ (outside 500m zone)

ACCOMMODATION

Total 24 –Persons
2 x Single Cabins –Captain class
6 x Single Cabins –Officer class
4 x Single Cabins –Crew class
6 x Double Cabins–Crew class
1 x hospital

ENGINES AND PROPULSION

Main Engines
4 x Caterpillar type 3516 DITA Ser.C – 2350 Kw @ 1800 RPM
Main Generators:
4 x AVK type DSG 86 L1/4W – 2500 kVA

Emergency Generator
Caterpillar C-9TA 175BkW/1800 RPM

Azimuth thrusters aft:
2 x Steerprop SP 35 CRP – 3000 KW
Azimuth thrusters bow:
1 x Brunvoll AR63-LNC-1650 – 880 KW
Tunnel thrusters bow:
2 x Brunvoll FU80-LRC-2250 – 1170 KW

Joystick: Kongsberg Maritime c-Joy

OIL RECOVERY EQUIPMENT

DnV-GL Oil Rec class and NOFO-2009 approved Miros oil spill detecting system

RESCUE AND LIFE SAVING EQUIPMENT

The vessel is arranged and equipped for 300 survivors according to NMD-rules The following Rescue/Lifesaving equip. is on board:

1 x Mare GTC 700 FRC 10 Pers
1 x Dacon Rescue Scoop
3 x Search lights, remote control from bridge
Hospital with treatment bench, stretchers, medicine and poison lockers, intercom and direct ship to shore communication.
Medical equipment/medicines in acc. to NMD.

OPERATING COMPANY

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QSHE CERTIFICATION

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

QA QUALIFICATIONS

FPAL Registered
Achilles Registered
OVID Registered
IMCA Member



