



m/v "Ocean King"



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The m/v "Ocean King" was built as "Viking Queen". She is a "Multi Role Offshore Support Vessel" (MRV) with capacities in most of the work role in the North Sea activities. Vessel has a large FiFi II capacity over 2 monitors, Oil Recovery capacity including One Boat System, Stand-by/ Rescue, A/H, Tug, Medium PSV supply capacities, DP/ SubSea Support. In 2008 was a NO_x Reduction system installed.

DESCRIPTION

Signal letters	LNAB
Design	VS 469.2 AHTS
Built .	1984
Home port	Bergen
GSM.	97509820
GSM.	97469820
Fax:	94217971
Inmarsat	+47 (21 54 25 06)
Inmarsat fax.	+47 (21 54 25 07)
E Mail	king.bridge@sartorship.com
E Mail Captain	king.captain@sartorship.com

CLASS NOTATION DnV + 1A1 -E0- Supply - SF, OIL REC.-Fi-Fi I,II, Dynpos Aut.

PRINCIPAL DIMENSIONS

Length o.a. .	75,00 m
Length b.p.p.	64,20 m
Breadth mld	16,00 m
Depth to main deck .	7,40 m
Draught summer .	6,25 m
Gross tonnage open	1269 tns closed - 2295 tns as open
Dead weight open	2050 tns closed - .3005 tns as open



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CAPACITIES

Fuel oil.	1100	m ³
Potable water .	520	m ³
Drill water/ballast	1010	m ³
Oil based mud.	300	m ³
Brine	270	m ³
Dry bulk	188	m ³
Mineral oil.	232	m ³
Deck load	1400	tns
Deck area	610	m ²
Deck strenght	6	t/ m ²
Rig chainlockers	2 x 61	m ³ and 2 x 72 m ³

DISCHARGE RATE

Fuel Oil .	250	m ³ / Hr
Potable water	2 x 100	m ³ / Hr
Drill Water.	2 x 100	m ³ / Hr
Dry bulk compressor.	2 x 22,5	m ³ / Hr
Oil based mud	2 x 75	m ³ / Hr
Brine	100	m ³ / Hr

MACHINERY AND PROPULSION

Main engines:

Make. Wartsila Wichm.Diesel AS 7 AGAX
M.C.R./Rpm. 4 x 2310 Kw/475 rpm.

Propellers:

Make. Wichmann 3600 mm rpm 160

Aux. engines:

Make. 3 x CAT 3408 DITA 298 Kw.

Generators:

Make/Type. 3 x Leroy Somer TA 3160 M7 330 KVA

Shaft Generators:

Make/Type. 2 x Leroy Somer 1600 KVA

SIDE THRUSTERS

Bowthruster(s) . 2 x Liaaen Helix TT 60/47 170 electr. 2 x 1000 HP
Sternthruster(s) 1 x Liaaen Helix TT 60/47 170 electr. 1 x 1000 HP

TOWING AND ANCHORH. EQUIPMENT

Towing and AH winch 2 x Brattvåg M 22-02 with:
1 x towing drum and 2 x .AH drum: 1400m
Towing wire 1100 m. - 72 mm
Spare towing wire 1100 m. - 72 mm
Pennant reels 2 x 1000 m. - 64 mm. capacity
Storage reel 1x 1250m. - 70mm capacity
Shark jaw . Karmoy Winch
Towing pins. Karmoy Winch
Bollard pull 142 tons
Stern roller LxD: 3650 mm x 2500 mm
SWL: 350 tons

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DECK EQUIPMENT

Tugger winches	2 x 10 tons
Capstan(s)	2 x 7 tons
Crane(s) .	1 x SBC
	1 x Hydramaskin
Anchors	1 x 990 m.2 x 445 m.

MISCHELLANEOUS

Oxygen/acetylen plant.	UNITOR
Electric welding equip.	UNITOR
Lathe .	MAXIMAT



NAVIGATION AND COMMUNICATION

Magnetic compass	1 x J.C.Krohn & S ⁿ n type 18 modell 390, with refl.
Gyro compass	2 x Robertson, RGC11
Auto Pilot..	1 x Robertson AP9 MK3
Joystick.	1 x Liaaen Helitron Poscon.222m, Kongsberg S.
Speed log .	1 x JRC Doppler JLN - 203
Radar ARPA	1 x Furuno FR-2835 S
Radar ARPA	1 x Kelvin Hughes, Nucleus.5000A
Ecco Sounder .	1 x Furuno FE-881
Sat. navigator	1 x Magnavox, GPS Mx 200
VHF direction finder	1 x Jotron Tron finder
HF/MF radiostation .	1 x K.Hughes GMDSS
VHF Tranceiver	1 x Sailor and 2 x K.Hughes
Ground to air transc.	1 x Dittel FSG4
Emergency beacons..	1 x Copas Sarsat
Intercomm.system.	1 x Stephans
Radar transponders..	1 x Tron SART

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Portable VHF	3 x Tron VHF
DP system:	
DP	Simrad SDP 11
HPR Simrad .	418
Taut wire.	LTW MK 8
DGPS	Seatex
Fanbeam .	MK II
MANOEUVRING SYSTEM	
Steering Gear	Two flap rudders 2x16tm joystick control of propellers, thrusters and rudders

ACCOMODATION

Total	43 beds
Single cabins	13
4 beds cabins	2
6 beds cabins	2
5 beds cabins	1
2 beds cabins	2

LIFESAVING - AND RESCUE EQUIPMENT

FRC.	1 x Seabear 23 mkII MCA/ NMD
Liferafts.	4 x 20 Pers.
Lifejackets	24
Survival suits	22
Rescue crane, Stb	1 x Hydramaskin HMC1400 LK 50-10
Rescue crane, port	1 x SBC EHRSC 1,5 tons
Rescue zone(s) .	2 x 15 m Both sides
Hospital .	15m2 - 2 beds
Capacity survivals	283 persons

FIRE FIGHTING

Monitors, No/Cap.	2 x Kværner EurekaEF 400, 3000 m3/h ea
Lenght of throw .	160 m
Height of throw	130 m
Control system	Remote and direct
Pumps.	2 x Kværner Eureka C42
Foam extinguishing.	1 x Monitor Thune -Eureka
Equipment.	CEM, M 102.F
Fixed spraysystem for	165 nozzles
	2 x self-protection .monitors with foamsystem

OIL RECOVERY

Tank cap./nos	965 m ³
Pumps	2 x Framo 1 x PB 8 + 1 A7V 250 DR
Capacity	1 x 260 m3/h + 1 x 370m3/h

First line oil rec. equipment:

Towboat	1 x MP-710 Tug Weedo
Oil boom.	1 x Norlense NO-800-R
Transrec	1 x Framo 250.Hiwax 200/250

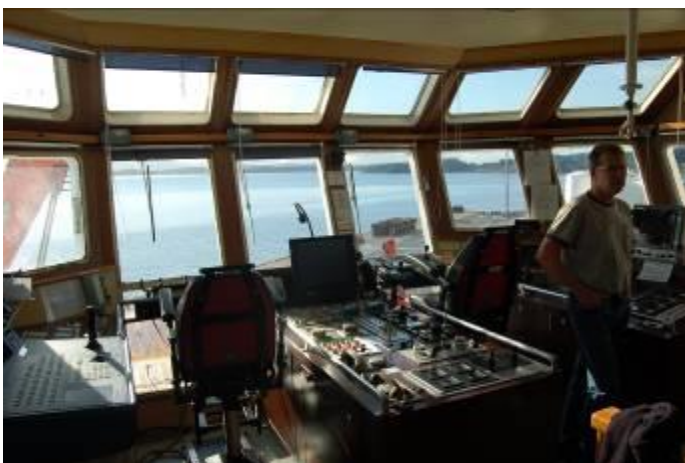
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Spring 2008



Rescue-, 1st line Oil Rec- and A/H winch area



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Wheelhouse aft

Transrec 1st line Oil Rec skimmer

