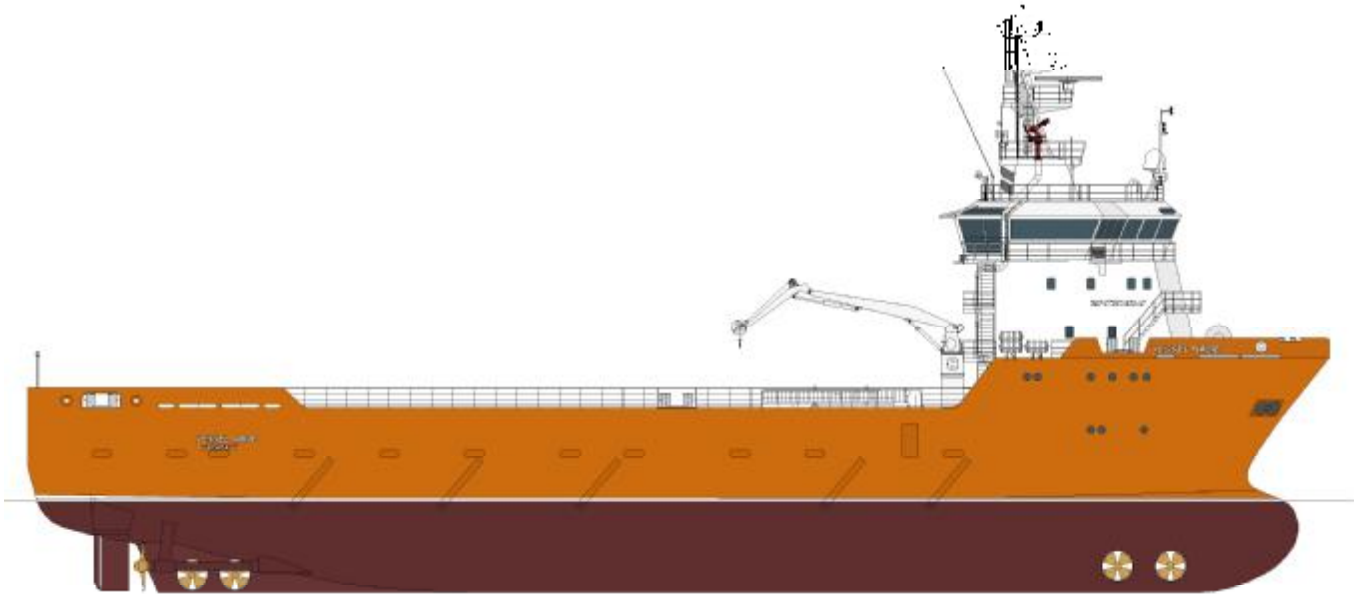


ARIES WARRIOR

Newbuilding No. 53 from Myklebust Verft AS
Design VS 470 MkII



GENERAL

Plattform Supply Vessel of type Vik-Sandvik design VS470MkII. Besides undertaking normal supply duties between land base and drilling sites, the vessel is equipped for following duties:

- Fi-Fi operations (Fi-Fi 1 class)
- DP/II-operations

The vessels are constructed with double bottom and wing tanks. Further; Two propellers, two side thrusters forward, two side thruster aft and two flap rudders to be arranged.

Owner – Aries Offshore AS, Ålesund, Norway
 Builder – Myklebust Verft AS, Gursken, Norway
 Design – VS470MkII, Vik & Sandvik, Fitjar, Norway

CLASSIFICATION

DNV +1A1, SF, EO, DYNPOS AUTR, CLEAN, LFL, FIFI I, dk(+) HL(+), NAUT-OSV(T) and COMF(V3)

MAIN DIMENSIONS

Length over all	74,40 m
Length between p.p.	64,00 m
Breadth moulded	16,60 m
Depth to main deck	7,60 m
Design draft	6,50 m
Max. draft	6,42 m
Speed, d=4,0	14,5 knots

CAPACITIES

Ballast/Drillwater	730 m ³
Fresh water	1000 m ³
Fuel oil, incl. overflow tank	920 m ³
Liquid brine (s.q. 2,5, 6 tanks)	1070 m ³
Base oil	210 m ³
Methanol	190 m ³
Dry bulk cargo - 4 x 85 m ³	340 m ³
Deck cargo (G=1,00 ab. Deck)	1600 t
Dead weight, d=6,40	3600 t
Gross tonnage international	2450 GRT

LIFESAVING & PROTECTION

MOB-boat, single point davit Viking 470 / TTS Marine AS

CARGO CONTROL SYSTEM

Pump and valve control system for cargo control as a part of the integrated automation system (Kongsberg / AM-Instrumentering).

PROPULSION & MANOEUVRING

Diesel engines	
- MaK 8M25	2 x 2640 kW at 750 RPM
- CP-propeller	2 x 4 blades, 2900 mm
- Reduction gear - single input / output	
- PTO for shaft generator	2 x 1600 kW at 1200 RPM
Side thruster, forward	2 x 590 kW, FU 63 LTC 1550
Side thruster, aft	2 x 590 kW, FU 63 LTC 1550

GENERATORS

- Harbour generator sets from Volvo	2 x 488 kVA 1800rpm 60Hz
- Emergency gen. from Volvo	93kVA 1800rpm 60Hz
- Shaft generators - Scandinavian Electric	2 x 1600 kW 1200rpm 60Hz

NAVIGATION & ELECTRONICS

Kongsberg K-pos DP 21 system / c-Joy Independent joystick, two Furuno radars (3/10 cm), DGPS, Gyro compasses, Autopilot, Echo-sounder, Log and AIS.

COMMUNICATION

Radio plant, lifeboat radios, satellite communication (standard C, Inmarsat B, Fleet 77), VHF, UHF, calling, command and telephone system.

ALARM and MONITORING

Kongsberg integrated automation system for control and monitoring of ship equipment and machinery.

DECK MACHINERY

Comb. Windlass/moor. Winch	ODIM
2 x cable lifters ø42 K3 stud link	
2 x mooring drums – 130m polysteen rope ø64	
Chain stoppers	2 x ø42 K3 Roller type
Capstans	2 x 8 tonnes
Tugger winches	2 x 10 tonnes - 225m ø24
Deck-/provision crane	3,0 t SWL at 15 m

INCINERATOR

Capacity	500 000 kcal/h
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Fi-Fi

- Pump (2 x 823 kW)	2 x 1700 m ³ /hour
- Monitor	2 x 1200 m ³ /hour
- Fixed water spraying system	

ACCOMMODATION

Capacity	34 persons
- 1 man cabins	6
- 2 men cabins	6
- 4 men cabins	4
Laundry with linen, treatment room, reception/change room, mess room, day room, galley, provision rooms, stores and office.	