



Eidesvik



Viking Surf

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VIKING SURF

| | |
|--|-----------------|
| Signal letters | LAVV5 |
| Design | VS 470 MPSV |
| Built | 2002 |
| West Contractors AS, 5580 Ølen, Norway | |
| Home port | Haugesund |
| Bridge/ Captain | 53447010 |
| Bridge..... | 53447011 |
| Inmarsat B (bro) | 3 258 668 10 |
| Eng. ctr..... | 3 258 668 13 |
| Fax | 3 258 668 11 |
| Data..... | 3 258 668 12 |
| High Speed Data HSD | 3 910 314 17 |
| Inmarsat C Telex..... | 4 258 668 10 |
| Inmarsat C Telex..... | 4 258 668 10 |
| Telex answerback | LAVV |
| MMSI..... | 258 668 000 |
| Owned by | VIKING SURF AS |
| Operated by | EIDESVIK AS |
| Telephone : | +47 53 44 80 00 |
| Telefax : | +47 53 44 80 01 |

CLASS NOTATION

Det Norske Veritas

+ 1A1 -Supply Vessel, SF, Dynpos AUT , E0, with register notation dk (+) , Unlimited trade, Equipped for A3 area acc. To GMDSS rules, NMD DP class 1, Fi-Fi 1 - 2 Fi-Fi monitors
Capacity 1200 m³/h

PRINCIPAL DIMENSIONS

| | |
|-------------------------------|------------|
| Length o.a. | 70.40 m |
| Length b.p.p. | 64.00 m |
| Breadth mld..... | 16.60 m |
| Depth to main deck | 7,60 m |
| Draught summer | 6,50 m max |
| Free board..... | 1,10 m |
| Lenght, clear cargo dk..... | 48,0 m |
| Breadth, clear cargo dk..... | 13,50 m |
| Cargo Deck Area..... | 650 m 2 |
| Cargo Rail height | 2,85 m |
| Gross tonnage (approx.) | 2500 GT |
| Dead weight (approx)..... | 3800 MT |

CAPACITIES

M3 Sp.gr. MT

| | | | |
|---------------------------|------------|-------------|------|
| Fuel oil | 1070 | 0,870 | 931 |
| Potable water..... | 857 | 1,000 | 857 |
| Drill water/ballast | 710 | 1,025 | 667 |
| Liquid mud | 6740 | 2,800 | 2996 |
| Base Oil | 1321 | 0,870 | 183 |
| Dry bulk..... | 340 | 2,320 | 789 |

Tank washing system with hot and cold water. Chemical injection in washing water for mud, brine and base oil tanks.

Note:

Separate pumps- and piping system for all types of liquid cargo.

Base Oil & Brine capacities part of liquid mud capacities

MACHINERY AND PROPULSION

Main engines:

| | |
|---------------|-------------|
| Make | MAK |
| Type/No. | MAK 8M25 |
| Rating | 2 x 2450 kW |

Propellers:

| | |
|------------|-------------------|
| Make | Kamewa Ulstein |
| Type..... | 600AGSC-KP-72P1-T |
| Diam. | 3300 mm |
| Rpm. | 175 RPM |

Aux. engines/Em:.....2x1

| | |
|------------------|-------------------|
| Make | Caterpillar |
| Type/rating..... | 2x3406TA – 345 KW |
| | 1x 3304NA – 77 KW |

Generators:

| | |
|-----------------|--------------------------|
| Make/Type | 2xCaterpillar SR4B – 450 |
| | 1x Caterpillar SR4-365 |
| Cap. | 2 x 400 KVA / 1 x 81 KVA |

Shaft Generators:

| | |
|-----------------|---------------------------|
| Make/Type | Leroy Somer/A 52 VS7/6p |
| Cap. | 2 x 1800 KVA / 450V, 60Hz |

SIDE THRUSTERS

| | |
|-----------------------|--------------------------|
| Bowthruster | Brunvoll FU-63-LTC-1550 |
| | 588 kW / 800 HP |
| Azimuth thruster..... | Brunvoll AR-63-LNC-1650- |
| | 600kW(816 BHP) |
| Stern thruster | Brunvoll FU-63-LTC-1550 |
| | 588 kW / 800 HP |

DISCHARGE RATE

| | M3/Hour | Bar | Type Drive/Pump |
|-------------------|--------------|-----------|---|
| Fuel Oil..... | 2 x 100..... | 09..... | El./centrifugal 2 speed |
| Fresh Water | 2 x 100..... | 09..... | El./centrifugal 2speed |
| Drill Water | 2 x 100..... | 09..... | El./centrifugal 2speed |
| Liquid Mud..... | 1 x 100..... | 22.5..... | El. /eccentric Screw. |
| Liquid Mud..... | 1 x 100..... | 22.5..... | El./eccentric screw 2 speed |
| Brine..... | 1 x 71..... | 22.5..... | El./eccentric screw 2 speed |
| Brine..... | 1 x 71..... | 22.5..... | El./eccentric screw single speed |
| Base Oil | 1 x 90..... | 9..... | El.driven / Centrifugal |
| Bulk Compr. | 2 x 30 | 6..... | m3/min |

Loading and discharge stations on both sides aft and
Amidships for all types of liquid cargo and dry bulk

DECK EQUIPMENT

| | |
|---------------------|--|
| Tugger winches..... | 2 x RR Brattvåg BWMG 41010 / 10 tons |
| Capstan(s)..... | 2 x RR Brattvåg CM 4185/9tons |
| Crane | Hydramarine HMC 1077 L30-12 Capacity SWL 3 tons / radius 1,5 - 12,0 m |

NAVIGATION

| | |
|------------------------|---------------------------|
| Magnetic Compass | BN 35 |
| GPS..... | Leica MX 420//2 |
| Gyro Compass | 2 x sg Brown Meridian |
| Auto Pilot..... | Simrad AP9 MK II |
| Doppler log..... | Furuno DS-80 |
| Radar 3 cm Arpa..... | Furuno FAR – 2825 X |
| Radar 10cm Arpa..... | Furuno FAR - 2835 S |
| Echo sounder | Skipper GDS 101, 38 Khz |
| Wind sensor | 2 x Gill Wind-observer II |
| Weatherfax..... | Furuno FAX – 208A MK II |
| Ecdis | Simrad SPS 2000 |
| AIS | Furuno AS-100 |

MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

Compete integrated manoeuvring, dynamic positioning And vessel management system consisting of:

Dynamic Positioning..... Simrad SDP 11

| | |
|--|---|
| Reference | Fan Beam laser system / MDL MK 4 Seatex DPS 102 Spotbeam / Fugro |
| Manoeuvring system | Kamewa Ulstein 600 AGSC-KP-72PI-3300 |
| Manual Joystick | Kongsberg Simrad SJS - OT |
| Vessel Management system cargo handling and alarm | Aker Elektro IAS |

ACCOMMODATION

| | |
|------------------------------------|-------|
| Day room/mess | |
| No smokers..... | 2 off |
| Smokers..... | 1 off |
| Laundry..... | 2 off |
| Cabins state..... | 2 off |
| 1. man..... | 6 off |
| 2. man..... | 6 off |
| 4. man..... | 3 off |
| All cabins with toilet and shower. | |
| Office; Ships off. | 1 off |
| Hospital..... | 1 off |

LIFESAVING AND RESCUE EQUIPMENT

| | |
|------------------------|---|
| MOB-boat | Norsafe AS 6.55 MAKO |
| Dimensions | 6.55m LOA, 625 LBP 2.7m Beam 2.2m molded |
| Capacity | 10 persons |
| Engine..... | Steyr 236 HP Turbo |
| Speed | 30 Knots |
| Liferafts | 6 of 16 man |
| Make | Viking |

COMMUNICATION

| | |
|----------------------------|---------------------------|
| Radio Plants GMDSS. | 1 x Furuno FS 5000 / 400W |
| VHF Stationary GMDSS. | 1 x Furuno FM - 8700 |
| VHF portable GMDSS | 3 x Axis 50 |
| Inmarsat C GMDSS | 2 x Furuno Felcom 12 |
| VHF Stationary | 1 x Furuno FM - 8500 |
| VHF Direction Finder | 1 x TAIYO TD - L1550 |
| UHF portable | 3 x Motorola GP 900 EEX |
| UHF Stationary | 1 x Motorola GP 360 |
| Inmarsat B | 1 x Furuno Felcom 82 B |
| EPIRB | 1 x Tron 40 S |
| Radartransponder..... | 2 x Tron SART 9 GHZ |

VS 470 PSV
PLATFORM SUPPLY VESSEL

