



Eidesvik



# *Veritas Vantage*

Eidesvik

E-post: [office@eidesvik.no](mailto:office@eidesvik.no) Web: [www.eidesvik.no](http://www.eidesvik.no)

## VERITAS VANTAGE

Signal letters ..... LLVO 3  
 IMO no: ..... 9242704  
 Design ..... VS 492 SRV  
 Built ..... 2001 Mjellem & Karlsen Verft AS  
 Home port ..... Haugesund  
 Telephone GSM1 ..... 91 64 88 01  
 GSM Fax ..... 41 75 88 01  
 Inmarsat B Telephone ..... 325787110  
 Inmarsat B Fax ..... 325787111  
 Telex ..... 425787120  
 ..... 425787110  
 Owned by ..... Eidesvik Survey AS  
 Operated by ..... Eidesvik AS  
 ..... N-5443 Børnlo  
 ..... Norway  
 Telephone : ..... +47 53 44 80 00  
 Telefax : ..... +47 53 44 80 01

## CLASS NOTATION

### Det norske Veritas

+1A1, SF,E0,HELDK, SMB with register notation dk (+), The vessel fulfills the requirements for unlimited trade according to following rules and following rules and regulation SOLAS 1974,L.L.C of 1966, IMO register for pollution at sea(MARPOL 1973/78), tonnage measurement of ships, also SUEZ and PANAMA, US coast guard requirements, CAA rules.Equipped for A3 area, acc. to GMDSS rules and NMD,s rules.

## PRINCIPAL DIMENSIONS

Length o.a. .... 93,35 m  
 Length b.p.p. .... 81,30 m  
 Breadth mld ..... 22,00 m  
 Depth to main deck ..... 8,60 m  
 Draught summer ..... 7,05 m  
 Free board ..... 1,55 m  
 Scantlings draught ..... 7,20 m  
 Gross tonnage (approx) ..... 8186 GT  
 Dead weight (approx) ..... 3984 MT  
 Displacement ..... 484 MT

## ACCOMODATION

Total capacity 60 beds, maritime crew included.  
 Three separate dayroom, library.

## TANK CAPACITIES

Cargo	Volume m3	Sp.gr.	Weight MT
Fresh water	417	1.000	417
Ballast	729	1.025	2798
Fuel Oil	2783	0,870	2481
Lub oil	105	0.924	97

## FUEL CONSUMPTION

Speed/consumption for the following conditions:

	Knt.	M <sup>3</sup> Approx.
Full speed ballast cond.	16.2	44.88
Service speed ballast cond.(max)	14.5	24.50
Service speed ballast cond.	13.5	15.50
Economic speed ballast con	11,5 kn	7.50
Economic speed, draft 6,0m	11,5 kn	9.50
Service speed, draft 6,0 m	15,0 kn	24.50
Towing cond. trust 80,0t	4.5	26.65
Towing cond. trust 97,2t	4.5	33.10

## LIFESAVING AND RESCUE EQUIPMENT

**MOB-boat** ..... 1 off  
 Make ..... Norsafe  
 Type ..... Magnum 750  
 Dimensions ..... LOA 7,50 x BOA 2,90 x 2,1 H 2,05  
 Capacity ..... 10 pers. (Norwegian/UK sektor)  
 Engine ..... Yanmar  
 Speed ..... 26 knots With 3 persons

## Lifeboat

Make ..... Schat Harding  
 Type ..... MCB28  
 Engine ..... 29HP 6 knots  
 Capacity ..... 60 persons

## Rafts

Make ..... RFD  
 Type ..... Rfd  
 Capacity ..... 180 Persons

## NAVIGATION

### Magnetic compass:

Gyro compasses ..... 2 x SG.Brown Meridian  
 Auto pilot ..... Kongsberg Simrad, 2 x AP9 MK 3  
 Radar 3 cm ARPA ..... Furuno FAR- 2825X  
 Radar 10 cm ARPA ..... Furuno FAR-2835S  
 Echo sounder ..... Skipper GDS 101, 38 kHz  
 Doppler log ..... Furuno DS - 80  
 Wind sensor ..... Deif 879  
 DGPS 2 off ..... 2 x Leica MK 12/D  
 ..... DGPS/EGNOS

## MACHINERY AND PROPULSION

### Main engines

Make: ..... M A K  
 Type/no ..... Mak 9M 32 C  
 Rating ..... 2 x 4320 Kw  
 ..... (2 x 5832 BHP)  
 Propellers ..... 2 off diam. 3600 med  
 ..... mer in nozzle 2 speed:  
 ..... 160/120 RPM  
 Gear ..... 2 off VOLDA ACG  
 ..... 900/2 speed  
 Rudders ..... 2 off spade rudders with flaps,  
 ..... type Ulstein High lift

### Shaft generators/motors

Make ..... A V K,  
 Type ..... DSG 114K1-6W  
 Rating ..... 2 x 2950 KVA, 3 x 440V, 60 Hz

### Aux. engine

Make ..... MAK  
 Type ..... 8M 25  
 Rating ..... 2200Kw  
 Generator ..... 3/440 V, 60 Hz, AVK

### Emergency/Harbour Generator

Make ..... Mitsubishi  
 Type ..... S6B3-MPTK  
 Rating ..... 99 Kw  
 Generator ..... 120 KVA, 3X440, 60 Hz,  
 ..... Newage Stamford  
 ..... MHC534C2

### Azimuth propeller

Make ..... Kamewa Group,  
 ..... Aq.master Rauma LTD  
 Type ..... Azimuth UL 1411 CP  
 Drive motor ..... Mitsubishi S12R-MPTK  
 Rating ..... 1200 Kw  
 Generator ..... 1250 Kva 3 x 440, 60 Hz

### Bow thruster, 1 off

Make ..... Brunvoll  
 Type ..... FU-80-LTC-1200 Kw

### Stern thrusters

Make ..... Brunvoll  
 Type ..... FU-63-LTC-1750-736

## MANOEUVERING, POSITION KEEPING AND VESSEL MANAGEMENT SYSTEM

### Manoeuvring system

Main propeller ..... Volda Electronic  
 Manual joystick ..... Simrad SJS01  
 ..... joystic system, incl. remote terminal

### Planning station

Simrad SPS planning station, incl. route planning. Chart software (ecdis), display of streamers, streamers and workboat/chase boat safety

Track system ..... Simrad STS 500 tracking system  
 ..... (Robtrac) with  
 ..... speedcontrol

Vessel management ..... Aker Elektro AS

## CRANES, CARGO HANDLING AND MOORING EQUIPMENT

### Mooring equipment forward:

#### 1 off combined windlass and mooringwinch:

Make ..... Ulstein Brattvaag  
 Type ..... BFM 22052  
 Capacity ..... 2X22 tons/220 of 40mm diam. rope each  
 Anchors ..... 2 x a 4050 kg.  
 Anchor chain ..... 52mm K3. total length 532m

### Mooring equipment aft:

2 off Capstans:  
 Make ..... Ulstein Brattvåg  
 Type ..... E12A BJB01A1AB  
 Capacity ..... 5 tonn

### Crane Port side

#### MOB-boat and cargo handling crane:

2 off Cranes  
 Make ..... Hydralift  
 Type ..... KMCV 1610-9-13(8)  
 Cap. SWL ..... 9 Tons  
 Working rad ..... 13 m - 3,0m (knuckleboom type)

### Crane Stbd side

#### Mob-boat and cargo Handling Crane

Make ..... Hydralift  
 Type ..... KMCV 1610-9-13(8)  
 Cap. (SWL) ..... 9 tons at 13m, 4tons at 16m  
 Working rad ..... 16,0 m - 3,7 m (knuckleboom type)

#### Provision crane forward:

Make ..... Hydralift  
 Type ..... KMCV 1077-2-10(7)  
 Cap SWL ..... 2 tons  
 Work rad ..... 10,0m - 2,2m (knuckleboom type)

### Workboat Crane

Make: ..... Hydralift  
 Type ..... HL9D-A MOB 700  
 Cap: ..... SWL 7,5 tons

## COMMUNICATION EQUIPMENT ACCORDING TO GMDSS A3

**HF/MF radio station** ..... Sailor H2192  
 Watch receivers 2182 kHz ..... Sailor R 501  
 Watch receivers 2187,5kHz ..... Sailor RM 2150  
**VHF transceivers** ..... Sailor  
 VHF dupl. + DSC ..... Sailor RM 2042  
 VHF dupl. .... Sailor RT 2047  
 UHF portable trans. .... Motorola GP 900 EX.  
 VHF portable trans. .... Navico.  
**EPIRB** ..... Jotron TRON 30S MK 11  
 Radar beacons ..... Jotron Icom A-200

### Satelite

Inmarsat B ..... Nera Saturn BM  
 Inmarsat C ..... Sailor - H2095

**Mobile telephones** ..... GSM Motorola

### Wireless telephone connected to the

Moble phones:  
 Telex/Intercom (Ring-marine)

## HELICOPTERDECK

### Helicopterdeck for Sikorsky S-62N

#### Communication

VHF Fixed ..... Jotron TR6102  
 VHF portable ..... Walter&Ditel fsg4  
 Heli-beacon ..... Skanti TU 8250 B  
 VHF peeler ..... Taiyo TDL-1520  
 Firefighting Fixed foam system with two monitores, loose apparatuses according to main system.

## NAVIGATION, POSITIONING AND SEISMIC

**Navigation system** ..... SPECTRA integrated  
**Laser tracing** ..... MDL fanbeam  
**Buoy Tracking** ..... Active tailbuoys and  
 ..... Navsled utilizing RGPS  
**Acoustic ranging** ..... DIGICOURSE  
 ..... system – 3 (full network)

## SEISMIC SYSTEM

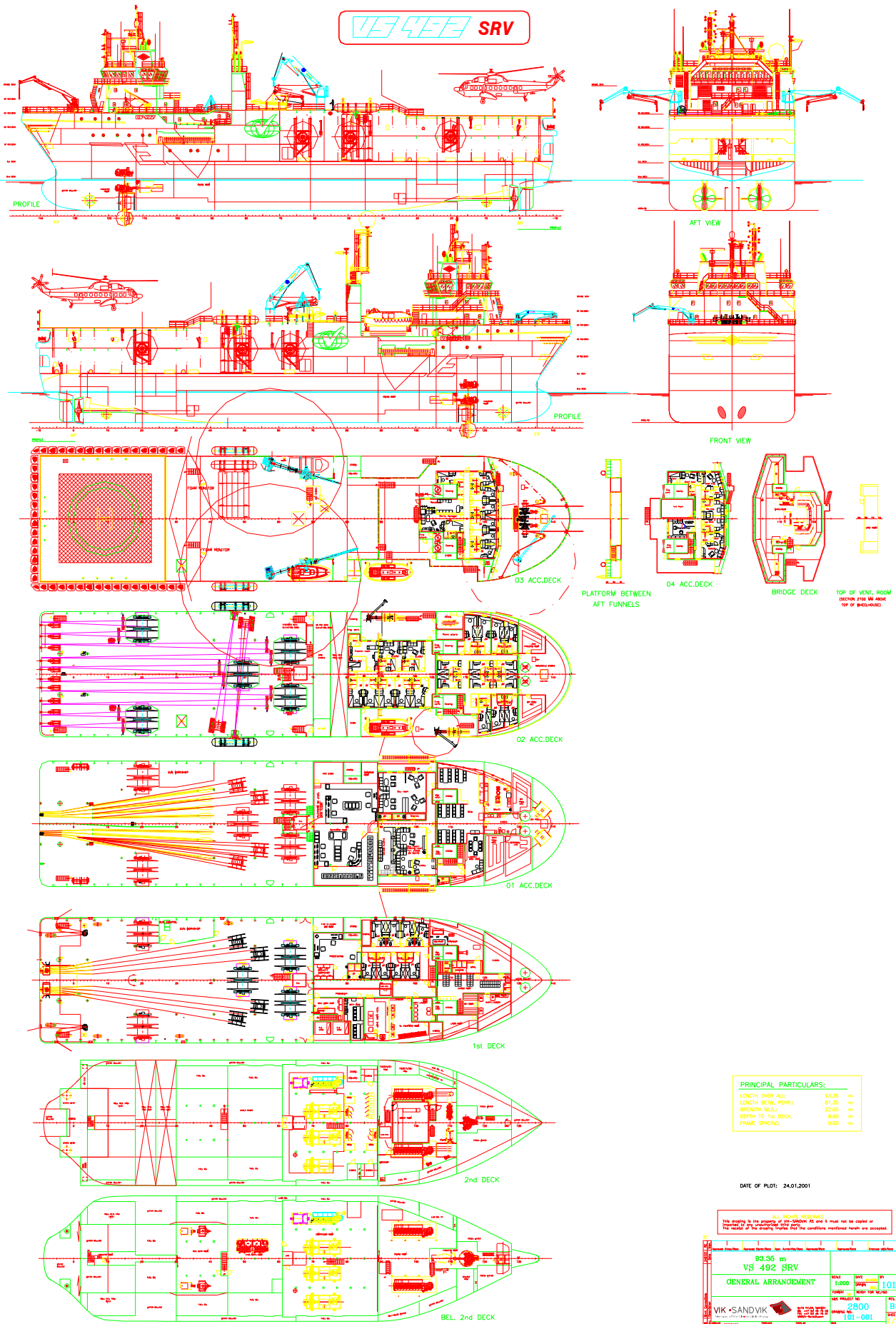
**Seismic source:** ..... Multiple (up to 3)  
 ..... tuned bolt,  
 ..... LL,airgun arrays  
**Streamer(s) 8 off:** ..... Syntrak 960 RDA  
 ..... digital streamers.  
**Group Lengths:** ..... 6,25m, 12,5m,  
 ..... 18,75m or 25,0 m  
**Recording System:** ..... Syntrak 960-24.

## ONBOARD DATA PROCESSING

Navigation Data ..... Sprint 3D  
 Real time Binning ..... Spectra INS Binning  
 ..... Node  
 Bin analysis ..... Reflex  
 ..... (with seismic attribute  
 ..... analysis)  
 Seismic Data ..... Seismic TANGO  
 Onboard Interpretation ..... Optional

## SEISMIC COMPRESSORS

Seismic comp ..... LMF  
 Type ..... 57/138-207-E62  
 Drive Motor ..... El.motor  
 Type ..... ABB AMA 450 L6L BAFMH  
 Air Flow ..... 1600 cfm=47m<sup>3</sup>/min x3  
 Rated output ..... 780 Kw



**VS 492 SRV**

**PRINCIPAL PARTICULARS:**

LENGTH OVER ALL	83.35	m
LENGTH BETW. PERP.	61.30	m
BREADTH MLD.	22.50	m
DEPTH TO 1st DECK	8.80	m
FRAME SPACING	0.60	m

DATE OF PLOT: 24.01.2001

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The conditions mentioned herein are accepted.

83.35 m		VS 492 SRV	
GENERAL ARRANGEMENT			
SCALE	DATE	DWG. NO.	SP.
1:200		101	
VIK SANDVIK		2800	B
		101-001	101