



Eidesvik



Acergy Viking

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E-mail: office@eidesvik.no Web: www.eidesvik.no

M/V

ACERGY

CAPACITIES

VIKING

Signal letters JWLL
 Design VS 495 SV
 Built Flekkefjord Slipp & Maskinfabrkk
 Year 2007
 Home port Haugesund
 IMO nr. 9378149
 Telephone Bridge 53448118/19
 Telephone Captain 53448139
 Telephone Chief Engineer 53448117
 Iridium 00881621428992
 Inmarsat C 425719510/11

MF/HF RADIO TELEX

MMSI 257195000
 Owned by Eidesvik Shipping AS
 Operated by Eidesvik
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 Norway
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CLASS NOTATION

Det Norske Veritas

1A1 ICE-1C SF COMF-V(3)C(3) HELDK-SH CRANE
 DEICE E0 DYNPOS-AUTR CLEAN DESIGN DK (+)

PRINCIPAL DIMENSIONS

Length o.a. 97,60 m
 Length b.p.p. 84,85 m
 Breadth mld 19,60 m
 Depth to main deck 9,60 m
 Draught summer 7,68 m
 Free board 1,92 m
 Length, clear cargo dk 42 m
 Breadth, clear cargo dk 19 m
 Deck Area 770 m²
 Light wight 4445,5 T
 Dead weight 3390 T
 Displacement 7835,5 T
 Gross tonnage 6464 T

	App. M3	Sp.gr.	Weight
	M3		MT

Fuel oil	1258	0,870	1095
Potable water	527	1,000	527
Ballast water	3210	1,025	3290

STABILITY SYSTEM

2 passive stab tanks
 Anti heeling system, with pump

MACHINERY AND PROPULSION

Main engines:

Make MaK
 Type/No 4 x 8M 25
 Rating 4 x 2540 Kw RPM720

Main propulsion:

Make Rolls Royce
 Type AZP120FP
 Diam. 3 m
 Rpm. 201
 Rating 2 x 3500 Kw

Emg/Harbour Generator:

Type Cummins 6CTAB,3D
 Generators: 188KW/1800rpm
 Make/Type Stamford, HCM 434 C!
 Capacity 690, 60 Hz, 216KVA

SIDE THRUSTERS

Bowthruster: Rolls Royce
 Type TT 2400 DPN FP
 Rating 2 x 1500 Kw
 RPM 257

Azimuth (bow) AQM UL 2001
 Rating 1200 Kw

FUEL CONSUMPTION

Condition	Knots	t/day
	(approx.)	(approx.)
Full speed ballast cond	18,0	35 t/day
Service speed ballast	16,0	29 t/day

Economic speed ballast cond.	12,0	18 t/day
Economic speed draft 6,0 m	12,0	19 t/day
Service speed draft 6,0 m	14,0	25 t/day
DP condition, 2400 Kw	10-12 t/day

ELECTRICAL PLANT

Generators:

Make	4 x Leroy Somer
Type	LSA 56 UL85/10P
Rating	2425 Kw / 720 RPM
.....	3 x 690V/60Hz

Switchboards:

Make	Wärtsila
Type	EM0310
Range	690/450/230 V

El Prop. Motors:

Make	Alconza
Type	QD 630 L-6W
Rating	2 x 3500 Kw

DECK EQUIPMENT

2 off Mooring winches afth	Karmøy Winch
Type/Cap	Karm Winch M 361497----17 t
Provision crane fwd	Heila Marine HLM 7/3S 0,7 t

MOORING EQUIPMENT FORWARD

Make / Type	Karmøy Winch HMC 270
Type/Cap	HMC 270 -----20 t
Anchor	2 x SPEK (M type)
.....	2x 3780 kg
Anchor chain	275 m/247,5 m

NAVIGATION

Magnetic Compass	
DGPS	2 x Furuno GP-150
Gyro Compass	Simrad
Doppler Log	Furuno DS-80
Radar X-band	Furuno FAR 2827
Radar S-band	Furuno FAR 2137
Echo Sounder	Furuno FE-700
ECDIS	Furuno TECDIS
AIS	Furuno FX-150
Wind Sensor´s	Kongsberg Maritime
.....	AADI

MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

Complete integrated manoeuvring, dynamic positioning and vessel management system:

Dynamic Positioning	Kongsberg SDP22 K-Pos
Manoeuvring System	Kongsberg STC 400
Manual Joystick	cJoy OT
Reference	4x DGPS (2 x Seapath, Fugro, Veripos)
.....	2 x HPR/HIPAP
Management System	Wärtsila IAS and Alarm System

ACCOMMODATION

Day room/mess

No Smokers	2 off
Smokers	1 off
Duty Mess	1 off
Wardrobes (2 x male / 2 x female)	4 off
Sauna	1 off
Laundry	2 off
Gymnasium	1 off
Cabins State	6 off
1. man	46 off
2. man	4 off
On/Off-Line Room	2 off
Off-Line Office	2 off
OM Office	1 off
Conference Room	1 off
Client Office	2 off
Helideck reseption	1 off
Ships Office	2 off
ROV Control Room	1 off
Internet Cafe	1 off
Workshops	6 off

All cabins with toilet and shower

Manning	Maritime crew, 20 pers
.....	Project crew, 40 pers
Total	60 pers

LIFESAVING AND RESCUE EQUIPMENT

MOB-boat..... Norsafe Mako Fast Rescue
 Dimensions 6,75x2,70x2,2
 10 persons
 Engine Steyr 236 K43
 Speed..... 30 knots
 Regulation SOLAS 83/92 MODU
 MOB Boat Davit TTS Marine ASA 3,5 t
 Liferrafts 4 x 35 persons
 2 x 25 persons
 Make Viking
 Fire alarm system Eltek

HELIDECK

Helideck D=21m
 Make FSM
 Design for Sikorsky S-92 (13t)

COMMUNICATION

Radio Plant GMDSS A1-A2-A3
 Make Furuno
 SSB..... Furuno FS-1570
 VDR..... Furuno VR-3016
 Inmarsat C..... 2 x Furuno Felcom 15
 VHF 2 x Furuno FM-8800S
 VHF 2 x Sailor RT 2048
 VHF Portable..... 2 x Motorola GP340
 VHF Portable GMDSS 3 x Jotron Tron TR20
 UHF 6 x Motorola GM360
 UHF Portable 10 x Motorola GP340
 Helicopter Communication 2 x Icom IC-A110EURO
 Heli. Com. Portable 2 x Icom IC-A6E
 Navtex Reciever..... Furuno NX-700
 EPIRB 1 X Jotron Tron 40 S
 EPIRB Portable..... 1 X Jotron Tron 45 SX
 MOB Suit EPIRB 3 X McMurdo
 Radar transponder 2 x Jotron, Tron Sart

SPECIAL FACILITIES FOR ROV'S

ROV facilities

Power Supply 690/450/330/110 Volt

 Hydraulic supply 0-930 ltr-250 bar

 Cooling water supply 50 m3/h-3 bar

.....
 Fuel supply 5,3 m3/h – 4 bar

 Air supply 50 m3/h-8 bar

ROV Hangar

Winch..... LARS and Umbilical 1 x ROV
 ROV Frame HydroMarine

MAIN CRANE

Make National Oilwell Varco
 Type..... OOC3426KSCE-AHC

Capacity

Main hoist 100 t
 AHC 50t at 15-2000 m

 Main hoist wire length 20070m
 Aux hoist 10 t
 AHC 10t at 26-1500 m

 Wip line wire length 650 m

ON CARGO DECK

Work moonpool:

Opening 7,2 m x 7,2 m
 Top Hatch Bolted
 Bottom Hatch Connected to Top hatch
 Spoiler Reduce speed drop

Drop Keel

Make FSM
 Survey Equip Kongsberg EM 710
 EM 3002

Side Door

Type..... TTS

 Size, Opening



CARGO DECK STRENGTH

General 10t/m2 aft of frame 11
.....5t/m2 fwd of frame 11

Longitudinal bars..... 40 t anywhere on 1000 mm length
Transverse bars.....100 t anywhere on 1000 mm length
Around moon pool for future installation 200 t

ROV handling

ROV Hangar..... Overboard std side
.....HydroMarine Frame Arrangement
.....1 x work/survey ROV rated for 3000 m?waterdepth