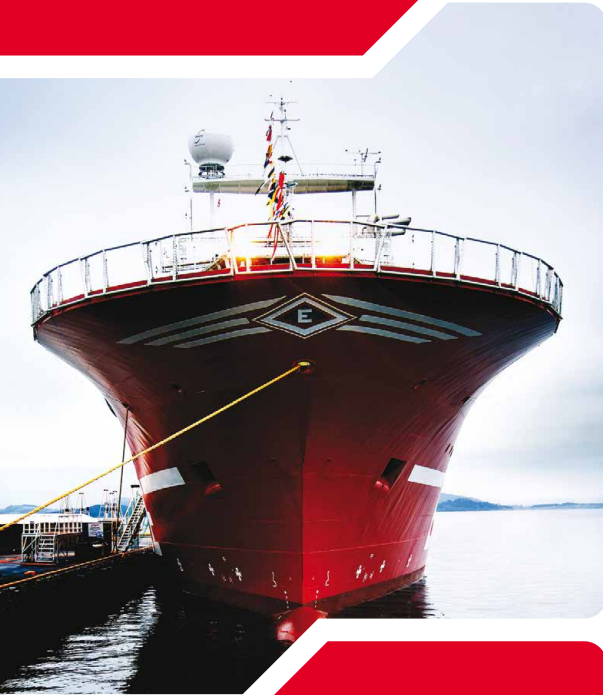


Acergy Viking

7



Type:
IMR, Survey & Light
Construction

Classification:
1A1 ICE-1C SF COMF-V(3)
HELDK-SH CRANE DEICE
EO DYNOS-AUTR CLEAN
DESIGN

The *Acergy Viking* is a new generation IMR, Survey and Light Construction vessel, with a fast transit speed and is ideally suited for operations in harsh environments.

- Length 98m x breadth 20m
- Heave compensated 100t crane
- Deck area 770m²
- Accommodation for 74 persons
- 1 x workclass ROV

General Description

Type	IMR, Survey & Light Construction
Classification	1A1 ICE-1C SF COMF-V(3) HELDK-SH CRANE DEICE EO DYNOS-AUTR CLEAN DESIGN
Flag	Norwegian
Year Built	2007

Principal Dimensions

Length Overall (m)	97.60m
Breadth (m)	19.60m
Depth Main Deck (m)	9.60m
Operating Draft (m)	7.30m
Gross Tonnage (t)	6,464t
Transit Speed (knots)	16 knots
Endurance (days)	43 days 16 knots 16512nm

DP System

DP Classification	DP 2
Reference System	Kongsberg Seatex - Radius 1000 4 x DGPS - 2 x HiPAP 501

Power and Propulsion

Main Engines	
Number	4
Type	MAK 8M25
Power (kW)	2540kW
Generators	
Number	4
Type	Leroy Somer
Power (kW)	2540kW
Main Propulsion Thrusters	
Number	2
Type	Rolls Royce Azipull Thrusters
Power (kW)	3500kW
Location	Aft
Side Thrusters	
Number	3
Type	Rolls Royce
Power (kW)	2 x 3500kW 2 x Tunnel Thruster (1500 kW Each)
Location	1x Azimuth Truster (1200 kW) Bow

Main Deck

Clear Deck Area (m ²)	770m ²
Deck Strength (t/m ²)	5t/m ² -10t/m ² (frame -7-+11)

Capacities

Fuel Oil (m ³)	1,258m ³
Hydraulic Oil (m ³)	25.1m ³
Fresh Water (m ³)	527m ³
Ballast Water (m ³)	3,210m ³

Accommodation

Berths (No.)	74
Cabins (No.)	46

Helideck

Type	Hull integrated Diameter: 21m 13t
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Cranes

Main Crane Capacity (t)	100t double fall
Manufacturer	National Oilwell Varco
Operating Water Depth (m)	2,000m
AHC	Yes
Location	Main deck, starboard side midships
Main Crane Comments	Whip line rated to 10t, operating depth 650m

Moonpool

Moonpool (No.)	1
Dimensions (m)	7.20m x 7.20m

Survey Systems

On Line Systems
Navipac, Naviscan, Helmsman, APOS, HAIN, Seapath, 330 with MRU-5 MultiFix, Veripos, VisualDVR, SES Sidescan, Coda, Reson Seabat, Kongsberg EM710, ADCP, TSS440, Innomar SBP, Sonardyne Fusion LBL, Geovision Video Dist, Brooke Ocean MVP

Off Line Systems
Autodesk Map 2008, Caris HIPS and SIPS, Polpred, Geocalc, Seamap 2000, Cfloor, Innomar ISE, Coda, Terrapos, Eiva Imaging, Matlab, Golden Software Surfer

Sound Velocity Systems
SAIV SD204 on ROV, Brooke Ocean MVP

Echosounders
Hull Mounted Kongsberg EM710, Hull Mounted Innomar SBP, Hull Mounted RDI Ocean Surveyor ADCP. Mounted on ROV: Reson Seabat MBE, Innomar SBP, SES Sidescan

ROV System

ROVs (No. and type)	1 x ACV03
Operating Depth Rating (m)	3,000m
ROV Comments	Primarily Survey ROV that can be used for construction operations. No TMS, fitted with electric thruster back pack to achieve speed approx 4 knots. Situated in hangar with operating limits of 4.5m significant wave height.