

SEABED STINGRAY

IMR, Survey & Light Construction Vessel

- 1 x Kystdesign Supporter 3000 m WROV
- 1 x Schilling HD 3000 m WROV
- Seaonics AHC A-frame LARS
- Seaonics AHC moonpool LARS
Moonpool 4.8 m x 5.5 m
- Work Moonpool 7.2 m x 7.2 m
- Kongsberg K-Pos DP-21 DP II
- 2 x Kongsberg HiPAP 501
- Active heave compensated
250 t offshore crane
- Accommodation for 110 persons, SPS class
- 1350 m² deck area plus 205 m² cargo holds
below main deck
- Helideck
- VARD Design
- ERN 99,99,99,99





TECHNICAL SPECIFICATIONS

VESSEL

Port of registry:	Bergen
Flag:	NIS
IMO Number:	9676292
Class:	DNV, +1A1, E0, DYNPOS-AUTR, DK(+), HELDK-SH, ICE-1B (hull only), ICE-C, SF, BIS, Clean Design, RECYCABLE, NAUT-AW, COMF V(3)-C(3), SPS, CRANE
Call sign:	LAFP8
Builder:	Vard Brattvaag
Built:	2014
ERN:	99,99,99,99

DIMENSIONS & CAPACITIES

Length overall:	120.90 m
Length between P.P.:	110.80 m
Breadth:	23.00 m
Draft minimum:	5.50 m
Draft maximum:	6.60 m
Deck space:	1350 m ²
Deck strength:	10 t / m ²
Gross tonnage:	8878 tonnes
Net tonnage:	2664 tonnes
Cargo holds:	205 m ²
Water ballast (approx):	5400 m ³
Fresh water (approx):	1000 m ³
Fresh water production:	50 m ³ /day
Fuel oil (approx):	1630 m ³

SPEED

Service speed (approx):	12 knots
Max speed (approx):	16.1 knots

MAIN ENGINES / GENERATORS / THRUSTERS

Main engines:	4 x Wartsila 6L32 4 x 2800 kW
Generators:	4 x 2760 kW
Emergency Generator:	1 x 185 kW
Main propulsion:	2 x 3000 kW Azimuth Thruster Contaz
Fwd thrusters:	2 x 1900 kW Tunnel
Fwd Azimuth:	1 x 1500 kW Azimuth

MAIN CRANE

Crane:	1 x AHC NOV Offshore Crane
Main winch:	250 t / 13 m radius

Wire length main winch:	3000 m
Max outreach:	72 t / 36 m radius
Hook speed full load:	0-64 m/min
Hook speed light load:	0-113 m/min
Aux winch:	20 t / 40 m radius
Wire length aux winch:	3000 m
Tugger winch:	10 t

DECK CRANES

Deck cranes:	2 x 3 t / 15 m radius (provisions)
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ACCOMMODATION

Total:	110 persons
Berths:	34 x 1 / 38 x 2

NAVIGATION / DP SYSTEM

Radar:	SAM Multiplot Platinum X-band and S-band
Gyro:	3 x Gyro compasses
GPS:	2 x DGPS system
Additional DP ref.:	1 x Cyscan 1 x Radius
MRU:	2 x Kongsberg MRU 5 1 x Kongsberg MRU D
DP:	2 x Kongsberg DP Operator Stations
Sensors:	3 x wind sensors
Echo Sounder:	1 x deepwater echo sounder (4000 m)
Speed log:	1 x speed log
ECDIS:	Dual ECDIS, approved for paperless navigation
USBL:	2 x HiPAP 501

COMMUNICATION EQUIPMENT

Communication equipment according to GMDSS requirements for Area 3 operation with equipment duplication and shore maintenance utilized to assure availability and sufficient internal communication systems are installed.

VHF:	2 x VHF w/DSC
MF / HF:	1 x MF w/ DSC
Inmarsat:	2 x Inmarsat-C with EGC receiver
GMDSS:	1 x GMDSS A3
Navtex:	1 x Furuno NX- 700-B navtex

VSAT:	Global Eagle 2 x C-band 2 x Ku-band Iridium back up internet line
GSM:	3 x GSM mobile phones
UHF:	Portable and stationary, available for internal communication
ClearCom:	Available

ROV HANGAR

A double ROV hangar, housing two ROVs, is situated aft of the accommodation area.

The hangar may be closed in order to function as a protected work area for storage, maintenance and handling of the ROV systems. The vessel also holds a ROV mechanical and electrical workshop.

Hangar Crane: 1t / 16 m

LAUNCH & RECOVERY SYSTEMS ROV

ROV 1:

- Schilling HD 3000 m Work Class ROV
- Seaonics A-frame installed ROV hangar
- AHC ROV umbilical winch

ROV 2:

- Kystdesign Supporter 3000 m Work Class ROV
- Seaonics A-frame Launch and Recovery System installed in moonpool
- AHC ROV umbilical winch

HELIDECK

Sikorsky S-92
Holding DNV Class "HELDK-SH"
26.1 D-value / 15 tonnes
Helicopter Monitoring System