

Our Fleet



SEAMEC III

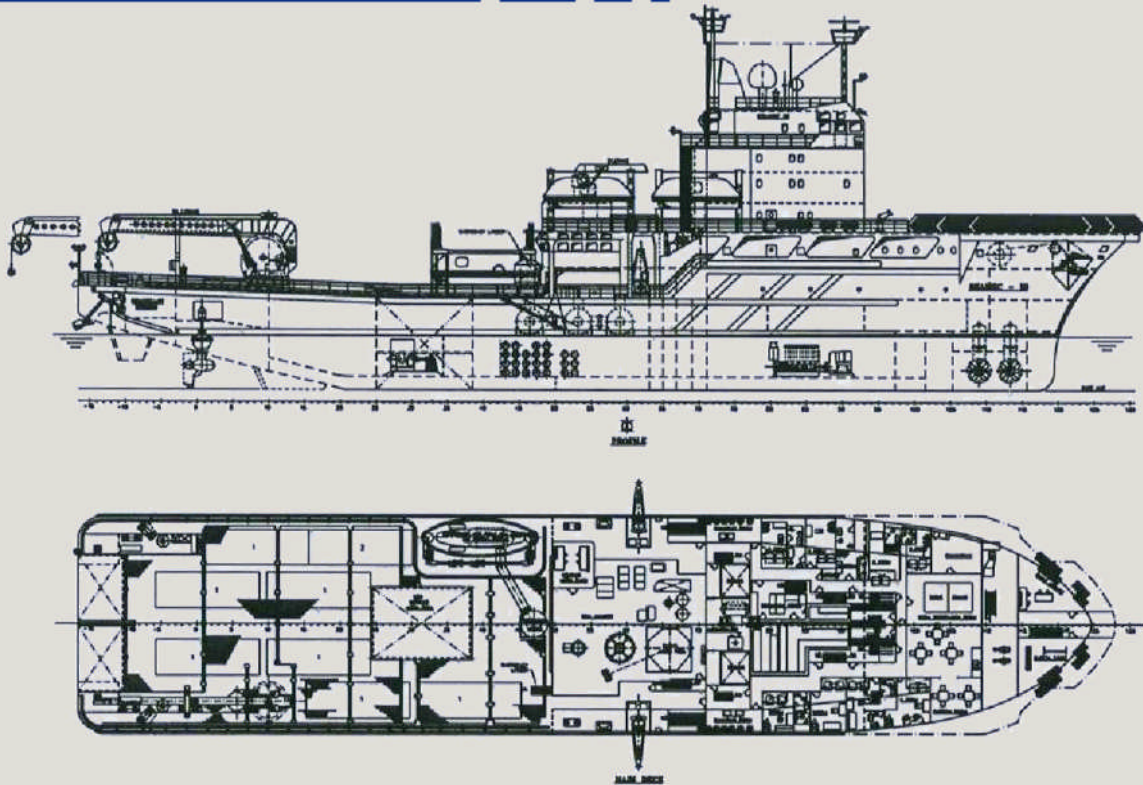
[A Multifunctional diving support vessel



SEAMEC LIMITED

MMG™

Seamec III



The Seamec III is a multi-functional diving support vessel, capable of working throughout the year in severe sea and weather conditions.

Capabilities

Built in 1983, the vessel is designed, constructed and certified for worldwide operations. The Seamec III provides services, which include S.B.M maintenance removal and installations, Platform, Riser and Pipeline repairs, Subsea constructions and Maintenance operations.

Diving System

Designed for 300 MSW. (Presently certified to 230 MSW). Three men bell with heave compensated handling system. 'Gas Mizer' reclaim for divers. Two six men and One four man D.D.C.'s. Divers under pressure can be evacuated by means of the hyperbaric lifeboat positioned on the port side. The system includes complete Life Support Machineries with Life Support controls and Dive operation control, along with Dive Control Room, Diver Gas reclaim System and under deck Gas storage of 11,000 m³ approx and Gas transfer Compressor. The surface air diving station is located on the starboard side.

Communication

◦GMDSS Compliant equipments available onboard.

Dynamic Positioning System

The vessel is fitted with a fully redundant Kongsberg SDP 521 Dynamic Positioning system. There are two (Simrad HiPAP 350) hydroacoustic transducers, two satellite positioning systems (DGPS), and two vertical taut wire reference systems and a Laser Radar system.

Accommodation

Modern accommodation is provided, comprising of:
11 x Single berth cabins
33 x Double berth cabins
02 x Four bed cabins
01 x Six bed cabins
Additional 02 bed Hospital.

Cranage

The vessel is fitted with 50 tonne telescopic crane and 5 tonne telescopic cargo crane.

Specifications

Principle dimensions

Length overall.....92.70 m
Length Between pp.....76.20 m
Breadth Moulded.....18.00 m

Operating draft

Summer draft.....5.21 m

Dead weight.....2067 tonnes

Tonnage

Gross Tonnage.....4327 tonnes
Net Tonnage.....1298 tonnes

Cranage

Main lifting facilities

- 1 x 50 ton 360° Electro/Hyd.Crane

Additional lifting facilities

- 1 x 5 ton Stores Crane on Boat deck

Deck space

600 sq.m

Deck load

5 tons/sq.m

Max overall

800 T

Capacities

- Marine diesel oil 750 m³
- Fresh water 335 m³
- Ballast water 1069 m³

DP system

Kongsberg SDP 521

Reference Systems

- 2 x Simrad HPR (Hi PAP 350)
- 2 x DGPS (Fugro Seastar 3010+3510 LR)
- 2 x Taut wires (MK III)
- 1 x MDL Fan Beam 4.2

Environmental Regulatory

Number 99/99/94

Power Plant

- 4 x Man/Brons 25/30 9 cylinder diesel each driving a NEBB. Alternator producing 1700 Kw at 6000 volts 60 Hz

Total generated power 6800 kW

Propulsion

Bow

- 2 x Brunvoll tunnel thruster, Type SPR-VP, 790 Kw each at 312 RPM

Stern

- 2 x LIAAEN compass thrusters, Type TCN 105/75-250, 1880 Kw each at 225 RPM

Endurance

Fuel consumption (typical)

- In port 4 m³
- Transit 14 m³ @ 8 knots
- DP approx 11 m³

Fresh water making capacity

20 M³ / day

Vessel speed

- Maximum speed 10 knots
- Economic Transit Speed 8 knots

Fire Fighting

Fi-Fi Monitors

- 04 Nos. 1800 cu.m. /hr each. Thune Eureka.

Helideck

Bell 212 or similar

Diving system

- Depth rating 300 MSW (presently available) 230 MSW
- No in sat 18
- No of bells 1 x 3 man
- Bell volume 4.5 m³
- System volume 78 m³
- Gas storage 11,000 m³
- Moonpool 3.5 m x 3.5 m

Flag

Indian

Call sign

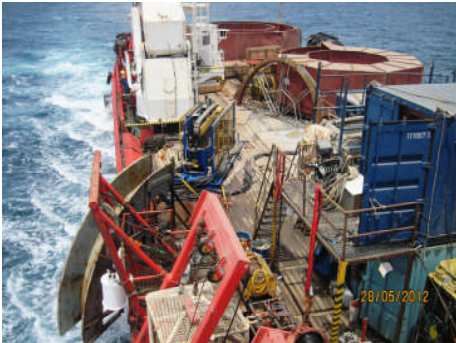
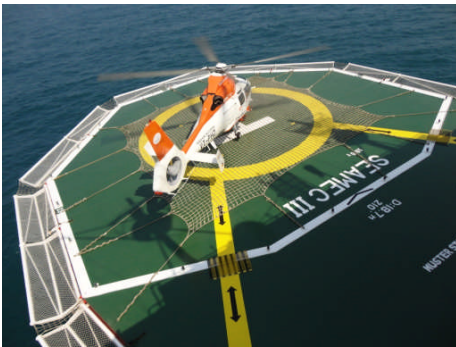
VWZX

Classification

LRS - +100A1 Diving Support Ship / Fire Fighting Ship 2 (7200 M³ /hr) with water spray; Helicopter Deck; Ice Class 3, +LMC,UMS,DP(AA) IRS - SUL, Diving Support Vessel, AGNI 2(7200 M³ /hr), JUS & HELOK, DP2, SYJ

Year built / Builder

1983 at De Hoop, Lobith, Holland.



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