

Our Fleet

# SEAMEC III

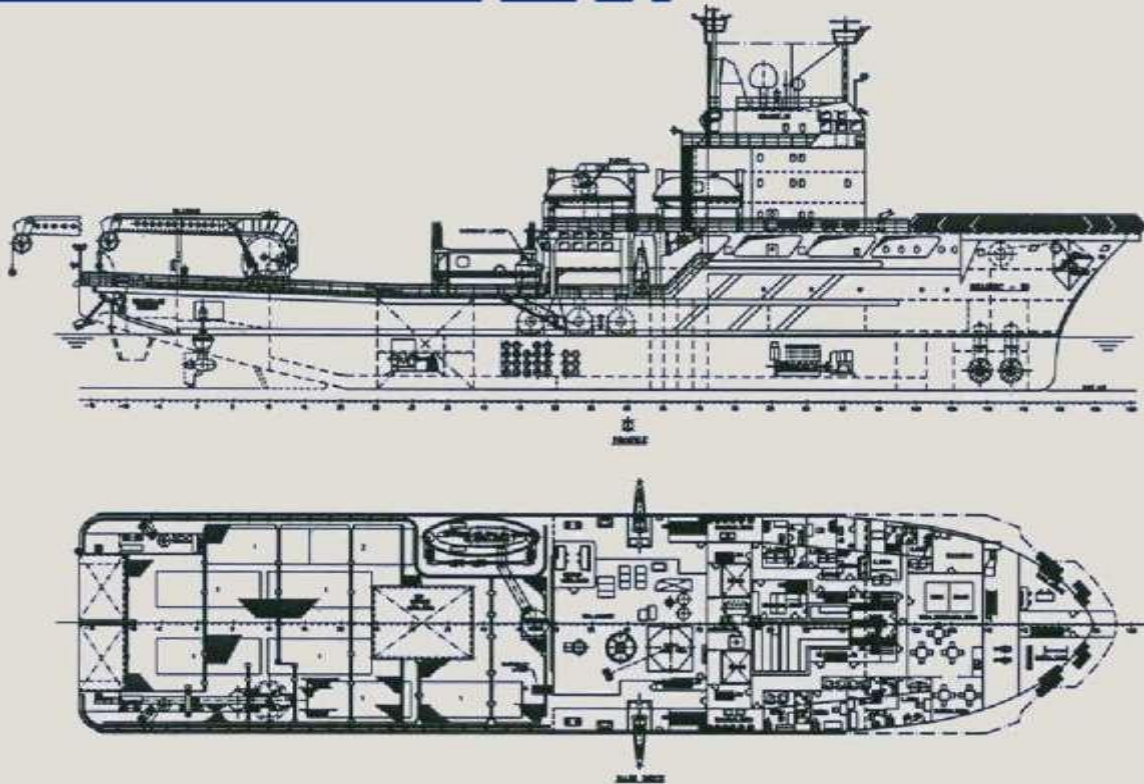
A Multifunctional diving support vessel



SEAMEC LIMITED

MMG  
MM AGRAWAL GROUP

# 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 & deployment of ROV

### 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 m<sup>3</sup> 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 m<sup>3</sup>
- Fresh water 335 m<sup>3</sup>
- Ballast water 1069 m<sup>3</sup>

## 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 m<sup>3</sup>
- Transit 14 m<sup>3</sup> @ 8 knots
- DP approx 11 m<sup>3</sup>

## Fresh water making capacity

20 M<sup>3</sup> / 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 m<sup>3</sup>
- System volume 78 m<sup>3</sup>
- Gas storage 11,000 m<sup>3</sup> Moonpool 3.5 m x 3.5 m

## Flag

Indian

## IMO No.

8128339

## Call sign

VWZX

## Classification

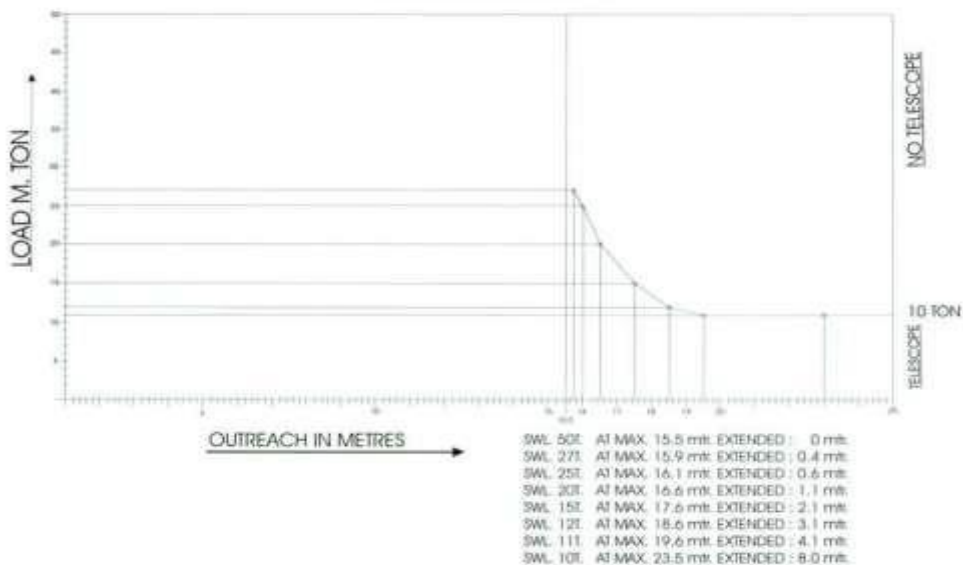
LRS - +100A1 Diving Support Ship / Fire Fighting Ship 2 (7200 M<sup>3</sup> /hr) with water spray; Helicopter Deck; Ice

Class 3, +LMC,UMS,DP(AA)  
 IRS - SUL, Diving Support Vessel,  
 AGNI 2(7200 M<sup>3</sup> /hr), JUS & HELOK,  
 DP2, SYJ

## Year built / Builder

1983 at De Hoop, Lobith, Holland.

**LOAD CHART 50M. TON TELESCOPIC DECK CRANE  
 (GREY MCKENZIE)**







CONTACTS

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