

Our Fleet



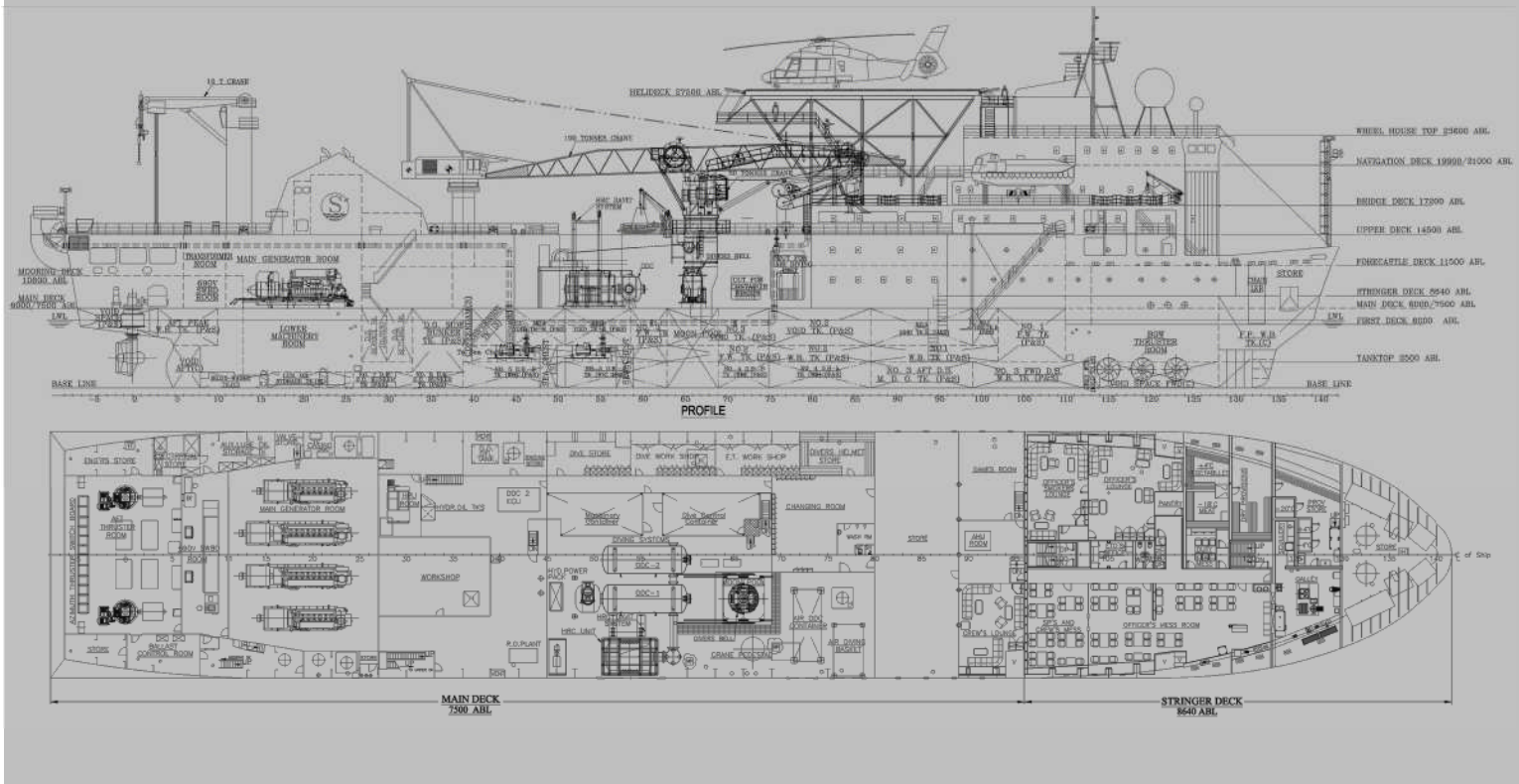
SEAMEC PRINCESS

[A diving support vessel



SEAMEC LIMITED

MMG™



The Seamec Princess is a dive support vessel, capable of working throughout the year in severe sea and weather conditions.

Capabilities

Built in 1984, the vessel is designed, constructed and certified for worldwide off-shore operations. The Seamec Princess provides services, which include S.B.M maintenance removal and installations, Platform, Riser and Pipeline repairs, inspection & survey, Subsea constructions, Anode installations, ROV & Grouting operations and Hook up jobs/ commissioning.

Diving System

12 Man Saturation diving system certified for 300 MSW. Bell handling system. Gas Mizer reclaim system. 3 Man Diving Bell with moonpool launching arrangement.. HRC with launch & recovery system on Stbd side of the vessel. Kelly Storage capacity is Gas 5,445 m³, Air 808 m³, Treatment Mix 396 m³.

Communication

GMDSS Compliant equipments available onboard.

Dynamic Positioning System

The vessel is fitted with a fully redundant Converteam Duplex Dynamic Positioning system. There is one (Sonardyne, Ranger PRO2) hydroacoustic transducer, two satellite positioning systems (DGPS), one vertical taut wire reference systems and a Laser rader system.

Accommodation

The accommodation is fully air conditioned for a total compliment of 117 persons, comprising:
 21 x Single berth cabins
 32 x Double berth cabins
 08 x Four bed cabins
 Additional 02 bed Hospital.

Cranage

The vessel is fitted with One 100 T Pedestal Crane, 100T @ 12M & 20T @ 30M. One 50T Knuckle Boom Crane @ 15M. One 10T man riding Pedestal Crane.

Specifications

Principle dimensions

Length overall.....123.4 m
 Length Between pp.....111.84 m
 Breadth Moulded.....21.0 m

Operating draft

Summer draft.....6.455 m

Dead weight.....4364.62 tonnes

Tonnage

Gross Tonnage.....8709 tonnes
 Net Tonnage.....2613 tonnes

Cranage

Main lifting facilities

- 1 x 100 ton Pedestal Crane @ 12 M on Stbd side
- 1 x 50 ton Knuckle Boom Crane @ 15 M on Stbd side

Additional lifting facilities

- 1 x 10 ton Pedestal Crane (Man Riding) on Port side @ 18 M

Deck space

800 sq.m

Working moonpool 3.6 x 3.6 m

Deck load 10 T/m² fwd of Fr#11
 1 T/m² Aft of Fr#11

Max overall 1,500 T

Capacities

- Marine diesel oil 840 m³
- Fresh water 646 m³

DP system

Converteam Duplex system

Reference Systems

- 1 x HPR (Sonardyne, Ranger PRO2)
- 2 x DGPS (Fugro Seastar 8200 HP +3510LR)
- 1 x Taut wire (Converteam TW901)
- 1 x Laser Rader System (CyScan MK III)

Environmental Regulatory

Number 99/99/98

Power Plant

- 2 x Wartsila 8R32 (3240 kW each)
- 2 x Wartsila 6R32 (2430 kW each)

Total generated power 11,340 kW

Propulsion

Bow

- 3 x Ulstein (375 TV) of 1275 kW each with CPP.

Stern

- 2 x Aquamaster US 3001 of 2400 kW each with FPP.

Endurance

Fuel consumption (typical)

- In port 3.5 m³
- Transit 20 m³
- DP approx 12 m³

Fresh water making capacity

25 M³ / day (RO Plant)

Vessel speed

- Maximum speed 10 knots
- Economic Transit Speed 7 knots

Helideck

Bell 212 or similar

Diving system

- Depth rating 300 MSW
- No in sat 12
- No of bells 1 x 3 man
- Bell volume 5 m³
- System volume 55 m³
- Gas storage 5,445 m³
- Reclaim system connected to 3 man bell.

Flag

Indian

Call sign

AUNJ

Classification

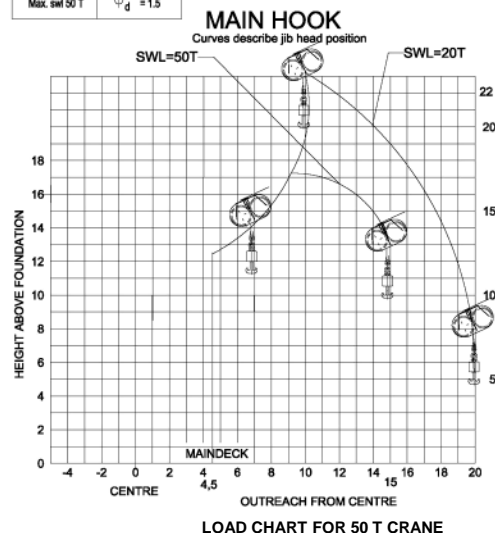
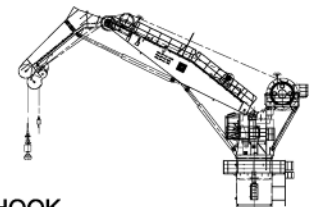
DNV - +1A1 HELDK-S EO DYNPO-SAUTR
 IRS -SUL, IY, SYJ, HELDK, DP (2)

Year built / Builder

1984 at RAUMA REPOLA OY, Finland
 Rebuilt in 2001, Modified in 2008.

AMERICAN PEDESTAL CRANE - 360° RATING				
S NO. 11743 5 PART REEVING				
BOOM LENGTH (METERS)	RADIUS (METRES)	BOOM ANGLE (DEGREES)	360° RATING (TONNES)	FROM BOOM POINT TO BOOM FOOT (METERS)
39.6 MTR	11.0	77.3	98.62	38.6
	12.0	75.8	90.00	38.4
	13.0	74.3	82.90	38.1
	14.0	72.8	76.64	37.8
	15.0	71.2	70.72	37.5
	16.0	69.7	66.08	37.2
	17.0	68.1	61.83	36.8
	18.0	66.5	57.80	36.4
	19.0	65.0	54.21	35.9
	20.0	63.3	51.24	35.4
	22.0	60.0	45.68	34.3
	24.0	56.6	41.23	33.1
	26.0	53.0	37.44	31.7
	28.0	49.3	34.09	30.0
	30.0	45.3	31.23	28.2
	32.0	41.0	28.64	26.0
	34.0	36.3	26.41	23.5
	36.0	31.0	24.48	20.4
	38.0	24.6	22.58	16.5

N.O.F	DYN
Number of fall	Dynamic mode
1	1
Max. swl 50 T	$\psi_d = 1.5$



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