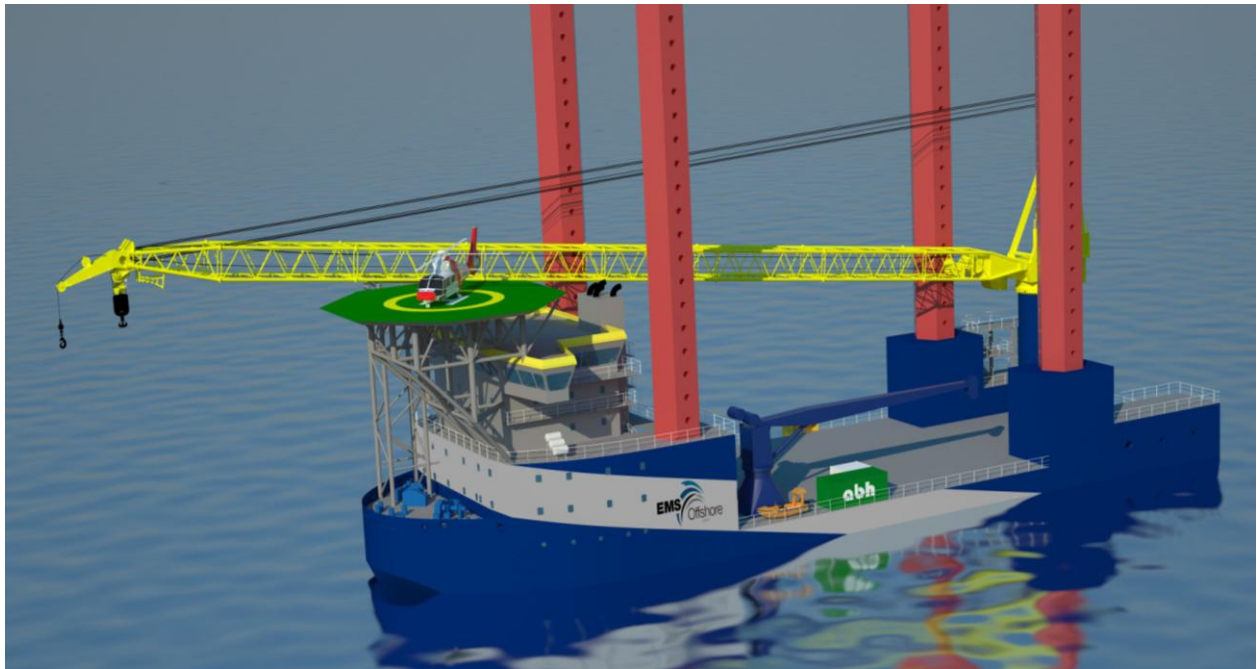


# DESIGN-TYPE “**abh**-JACKUP-SERVICE-VESSEL”

## Equipped with cranes up to 350 t SWL



Design: **abh** INGENIEUR-TECHNIK GmbH  
[www.abh-emen.com](http://www.abh-emen.com)

Client: EMS Offshore GmbH  
[www.offshoreservice.de](http://www.offshoreservice.de)

**Type of Vessel:** JACKUP SERVICE VESSEL

**Tonnage:** London-Rules: abt. 9000 GT

**Deadweight:** abt. 2400 tdw at D = 5,40 m

**Classification:**

GL 100 A5 "Social Purpose Ship;  
 "DP 2", Self Elevating Unit  
 Operation according to operational manual  
 MC-AUT

**Cruising Range:**

"Nautical range abt. 3500 nm"  
 Fuel cons. 17 t/day on 90% MCR

**Main Dimensions:**

Length over all	abt.	106,60 m
Length between perp.	abt.	76,60 m
Breadth moulded	abt.	26,20 m
Depth to main deck	abt.	8,00 m
Design Draught	abt.	5,60 m
Scantling Draught	abt.	5,60 m
Speed:	abt.	11,50 kn

**Tank Capacity:**

MDO	abt.	350 m <sup>3</sup>
Fresh Water	abt.	90 m <sup>3</sup>
Water Ballast	abt.	2000 m <sup>3</sup>

**Crane Equipment:**

Possible up to 350 t SWL

Actual:

**1 wire luffing heavy lift cranes (type Liebherr BOS 45000)**

Lifting capacity:	125 t SWL at 30.0 m outreach
Lifting capacity	40 t SWL at 41,6 m outreach

**1wire luffing offshore crane**

Lifting capacity:	25 t SWL at 25,0 m Harbour condition
Lifting capacity	5 t SWL at 23.0 m offshore condition

**Jackup Equipment**

Max. water depth for Jackup operation	45,00 m
Wave height sig.	2,50 m
Max. current at surface	1,50kn

**Special Plants:**

Retractable Azimuth propeller, elec. driven, abt. 900 kW  
 bow thruster, controllable propeller, elec. driven, abt. 600 kW  
 hydr. operated ballast water valves  
 HeliDeck acc. Cap. 347

**Propulsion Plant:**

2 \*Azimuth Propeller with 2500 kW each

**Accommodation:**

For 67 crew members