



BlueOOS



JACK-UP SUPPORT PLATFORM / OFFSHORE SELF ELEVATING UNIT



Blue PENG LAI

OVERVIEW

Blue Penglai is a versatile offshore self-elevating unit designed to support a wide range of offshore energy and infrastructure projects. Combining a stable, elevated working platform with modern accommodation facilities, heavy-lifting capabilities and integrated offshore support services, the unit is ideally suited for installation, maintenance, modification and decommissioning operations. Its robust design and comprehensive safety systems provide a safe and reliable offshore working environment, enabling efficient project execution in demanding offshore conditions.



SEU HIGHLIGHTS

- Jacking System: Hydraulic Jacking System.
- Jacking Speed: 0.9 m/min (with load) up to 1.8 m/min (without load).
- Maximum Water Depth: Up to 67.0 meters.
- Maximum Wave Height: 7.0 meters (operational limits) / 12.0 meters (storm survival mode).
- Variable Deck Load: 2,000 metric tons
- Total Capacity (POB): 100 Persons on Board (can be upgraded to 200 Persons on Board)
- Quarters Layout: Configured in single, double, and 4-man rooms
- Lifeboats: Fully equipped with 2 x 100-man totally enclosed lifeboats, plus additional 8x 25 pax liferafts and 1 dedicated rescue boat
- Safety Systems: Fire and Gas detection layouts strictly complying with international MODU and SOLAS safety requirements.



Blue PENG LAI

SEU SPECIFICATION



Blue PENG LAI

NAME AND BACKGROUND

Built : 2020
Builders : China Merchants
Heavy Industries
Flag/Port of reg. : Liberia / Monrovia

GENERAL

Classification : ABS
IMO : 9834636
LOA : 87,7 m
Beam : 40,4 m
GT : 8347

MACHINERY/PROPULSION

Main engines : 4 x 1950 kW MTU
engines/690V/60Hz
Emergency generator : 1 unit of MTU Emergency
Generator rated at 520 eKW
Dynamic Positioning : GE DP-2 system integrated
with a comprehensive Vessel
Management System

HELIDECK

Helideck notation : 22,2 pancake Including 610mm
thick pancake with safety net,
gutter with scupper, tie-down(18
sets), landing net
Classification : CAP 437, 2023
Class : ABS regulations Normam 223,
2024 Foam Firefighting
System-DIFFS with 2 hose reels

DECK MACHINERY

Crane : Favelle Favco Crane 300mT
Service Crane : Favelle Favco Crane 50mT
Gangway : 2 x 16 mtr fixed gangway





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