



Blue Tern – *a versatile  
vessel for installation  
work and O&M campaigns*

Blue Tern is the ideal choice for everything from operations, maintenance, and decommissioning to transition pieces, secondary steel and pin pile works — even in the most challenging conditions

## Blue Tern Key Specifications

**65 m**

Water depth

**800 t**

Crane capacity

**144**

People on board

**3,750 m<sup>2</sup>**

Deck area

## Blue Tern Full Specifications

### Main Crane:

Type: Liebherr BOS 45000, 3 blocks,  
Main hook: 800t 35m radius/200

### Draft:

Min draft (light) [m]: 5.20  
Draft at max variable load [m]: 5.8

### Deck Cranes:

1 Liebherr BOS 4200-50, 50t, 42m port side mid ship  
1 Sormec Telescopic crane, 10t @ 10m – 2.5 t @ 30m

### Accommodation:

Total complement: 144

### Legs and Spudcans:

Number & type: 4 x triangular open truss  
Diameter [m]: 11.89  
Length [m]: 106  
Max leg length below ship baseline [m]: 88  
Spudcan area [m<sup>2</sup>]: 110,8

### Cargo capacity:

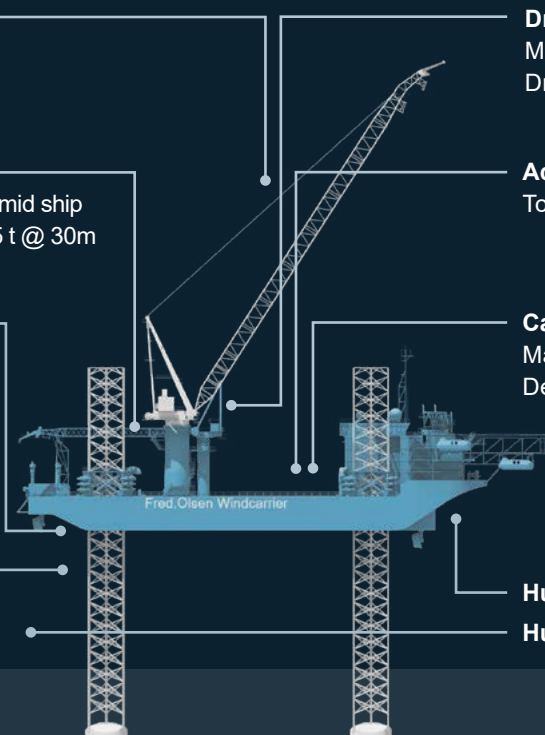
Max variable load [t]: 8,750  
Deck area [m<sup>2</sup>]: 3,750

### Jacking system:

Electric rack & pinion  
Effective jacking capacity per leg [t]: 6,120

Hull breadth mid [m]: 50

Hull length o.a [m]: 151



# Component exchanges and O&M campaigns

As a DP2 self-propelled jack-up vessel, Blue Tern offers great stability and precise positioning during offshore campaigns, even in harsh sea conditions. Its 800 tonnes Liebherr crane enables safe and efficient lifting of large turbine components like blades and gearboxes, while the spacious, flexible deck layout supports the transport and handling of spare parts and tools. With accommodation for up to 144 persons, its well-equipped for extended campaigns with full technical teams on-board.

## Streamlined TP and secondary steel installation

With a 3,750 m<sup>2</sup> deck area and high uniform deck loading capacity of 8,750 tonnes, Blue Tern is capable of higher intake of transition pieces and secondary steel components. The vessel is capable of transporting and installing up to seven of the largest TPs per trip, subject to detailed engineering.

## Power and precision in pin pile installation

Blue Tern’s main crane, with a safe working load of up to 800 tonnes at a 30-meter radius, is perfectly suited for lifting and installing heavy pin piles and associated equipment like subsea installation frames.

Its four triangular open truss legs and robust jacking system allow it to operate in water depths up to 65 meters, providing a stable and secure platform for precise pile installation, even in demanding offshore environments.

Blue Tern O&M track record

| Area of Operation      | Scope of work                 | Year |
|------------------------|-------------------------------|------|
| Baltic Sea / North Sea | Nacelle and blade maintenance | 2025 |
| North Sea              | Nacelle and blade maintenance | 2025 |
| Baltic Sea             | Nacelle maintenance           | 2024 |
| North Sea              | Pin pile installation         | 2023 |
| North Sea              | Pin pile installation         | 2022 |
| North Sea              | Nacelle maintenance           | 2021 |
| North Sea              | Nacelle maintenance           | 2020 |
| North Sea              | Nacelle maintenance           | 2020 |
| North Sea              | Nacelle maintenance           | 2020 |
| North Sea              | Blade maintenance             | 2020 |
| North Sea              | Blade maintenance             | 2020 |
| North Sea              | Blade maintenance             | 2020 |
| North Sea              | Blade maintenance             | 2019 |

With our versatile and competitive fleet, we have installed nearly *20% of all operating turbines worldwide*. Our extensive experience enables us to deliver your projects with maximum efficiency and high performance at every stage of the offshore wind farm lifecycle – from installation, maintenance to decommissioning.

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