

TECHNICAL SPECIFICATIONS

Windfarm Installation Vessel (WIV)

PRINCIPAL DIMENSIONS

| | |
|-------------------------------|------------------|
| Length over all | 160.90 m |
| Length between perpendiculars | 155.60 m |
| Breadth, moulded | 49.00 m |
| Depth to main deck | 10.40 m |
| Draught, design | 5.50 m |
| Draught, max. | 6.00 m |
| Deadweight at 5.5 m draught | approx. 8,400 T |
| Deadweight, Jacking | approx. 8,400 T |
| Speed, 90% MCR, 15% S.M. | approx. 13.0 kts |

OPERATING CONDITIONS FOR JACKING:

Service Restrictions when Jacking:

Wind Speed : 20 m/s

Significant

Wave Height : 2.5m
(subject to actual conditions onsite)

Maximum

Leg protrusion : Designed for 120m
(built to 105m)

Maximum

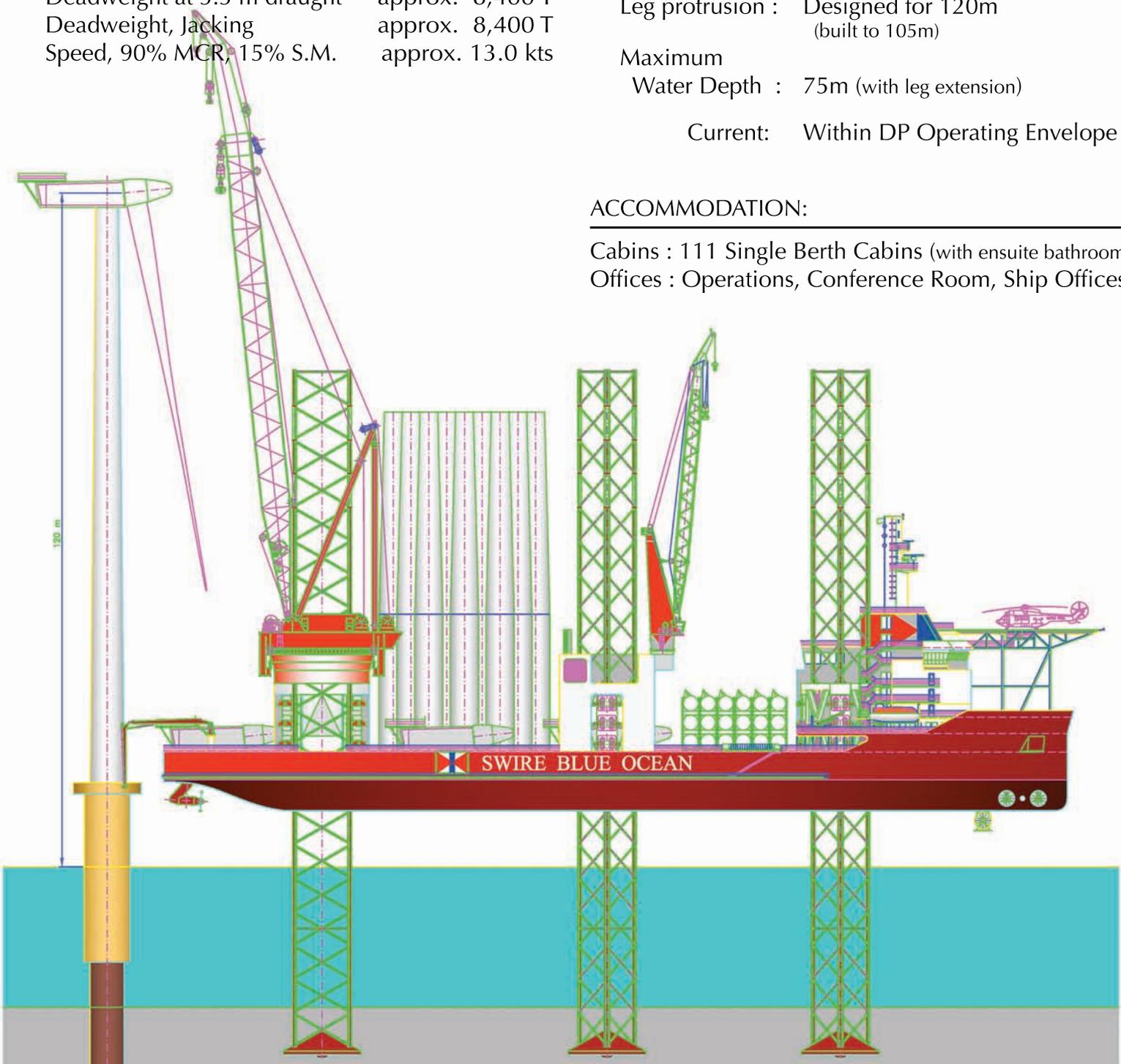
Water Depth : 75m (with leg extension)

Current: Within DP Operating Envelope

ACCOMMODATION:

Cabins : 111 Single Berth Cabins (with ensuite bathrooms)

Offices : Operations, Conference Room, Ship Offices



TECHNICAL SPECIFICATIONS

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CLASS : Germanischer Lloyd (GL)

100 A5 Offshore Support Vessel Self-Elevating Unit

WTIS EP Helil SPS (except SRtP)

FLAG: Cyprus

TANK CAPACITIES

| | |
|-----------------------|----------------------------------|
| Marine gas oil | : 4,000 m ³ |
| Lube oil | : 100 m ³ |
| Fresh water - potable | : 1,600 m ³ |
| Water ballast | : 9,500 m ³ (approx.) |
| Sewage (black + grey) | : 1,200 m ³ |

LEGS & JACKING SYSTEM:

| | |
|----------------|--|
| Number of legs | : 6 Sets of 3-Chord truss type |
| Jacking System | : High Speed Rack & Pinion |
| Speed | : Raising / Lowering Legs 2.4m/min : Raising / Lowering Hull 1.2m/min |

MAIN CRANE :

| | |
|--------------------------|---|
| Main Hoist SWL in tandem | : 1,200T @ 31m (2 x 600 tonne hooks) |
| Auxilliary Hoist | : 500T @ 50m |
| Whip Hoist | : 50T @ 110m (man-riding) |
| Max Operating Wind Speed | : 20m/s |
| 7 x Tuggers | : 25T SWL each |

AUXILLIARY CRANE:

| | |
|----------------|------------------------------|
| Main hoist SWL | : 40T @ 8 to 40m |
| Aux hoist SWL | : 15T @ 8 to 40 (man-riding) |

THRUSTERS:

| | |
|----------------------------------|--------------|
| Azimuth Stern Thruster | : 4 x 3.4 mw |
| Bow Retractable Azimuth Thruster | : 2 x 2.2mw |
| Bow Tunnel Thruster | : 2 x 2.2mw |

DYNAMIC POSITIONING SYSTEM:

Type : DP2

CARGO AREA:

| | |
|----------------|------------------------|
| Main Deck Area | : 4,300 m ² |
| Deck Loading | : 15T/m ² |

HELICOPTER LANDING DECK:

D-value (max) : 22m / Weight (max) : 12.8T

