**VESSEL & EQUIPMENT SPECIFICATION**

**PRINCIPAL DIMENSIONS**
- **Length overall:** 94.10m
- **Width:** 21.90m
- **Height:** 11.50m
- **Draft:** 10.30m
- **Deck Area:** 1,500 square meters

**SERVICE AIR**
- **Air Compressor:** 400hp (80m³/min)
- **Main Crane:** 800hp
- **Secondary Crane:** 300hp

**NAVIGATION SYSTEM**
- **GPS:** 2 x JRC, 1 x Seatex ROV NAV-950
- **Doppler Radar:** 1 x JRC, 1 x Seatex
- **VDR:** 1 x Seatex
- **Auto piloting:** 1 x ECDIS, 1 x Seatex
- **Speed Log:** 1 x RPM
- **Echo Sounder:** 1 x Kongsberg

**HELICOPTER DECK**
- **Distance from Fwd Bridge:** 25m
- **Distance from Aft Bridge:** 25m
- **Max. Weight:** 3,000kg
- **Max. Height:** 8m

**TIME LAGS**
- **ROV System:** 600ms
- **Hydraulic System:** 200ms

**CABIN FACILITIES**
- **Main Crane:** 1 x 7 Man Cabins
- **Secondary Crane:** 1 x 3 Man Cabins
- **Officer’s Launderette:** 1
- **Lounge:** 1
- **Reception:** 1
- **TV/Crews Dayroom:** 1
- **Gymnasium:** 1
- **Kitchen:** 1
- **Dining:** 1
- **Dormitory:** 1
- **2 Man Cabins:** 5
- **3 Man Cabins:** 10
- **5 Man Cabins:** 1

**PROPULSION SYSTEM**
- **Main Engine:** 1 x MAN B&W 7L30/36
- **Power/Speed:** 800kW/270rpm
- **Main Propulsion:** 1 x Controllable Pitch Propeller (CPP)

**DYNAMIC POSITIONING (DP) SYSTEM**
- **External Sensors:**
  - 1 x Tautwire Mk12
  - 1 x HPR 410
  - 1 x MDL Fanbeam MkIV
  - 1 x DGPS Seatex DPS 200
  - 1 x DGPS Seatex DPS 132

**BOLSTER PLATE**
- **Taut Wire:** 3,000mm x 4,000mm
- **Taut Wire Bases:** 900mm x 1,500mm

**DECK POWER SUPPLIED**
- **150kw (AHC) offshore crane for handling subsea equipment
- **150kw (AHC) offshore crane for handling subsea equipment**

**DECK AREA**
- **Moonpool ROV:** 4.90m x 5.20m
- **Moonpool Side:** 6.00m x 5.20m

**GALLEY**
- **Cooking Equipment:**
  - 3 x Cooks Ovens
  - 3 x 2 Man Toaster/Oven Units
  - 3 x 2 Man Heated Buffet Warmer Units
  - 3 x 2 Man Refrigerator Units

**DYNAMIC POSITIONING (DP) SYSTEM**
- **Operational Range:**
  - **Max. Range:** 600m
  - **Max. Safe Working Load (SWL):** 150t
- **Max. Significant Wave Height:** 2m
- **Max. Bottom Depth:** 3,000m

**DECK AREA**
- **Moonpool ROV:** 4.90m x 5.20m
- **Moonpool Side:** 6.00m x 5.20m

**REEF SUBSEA**

The Polaris has the ability to perform a wide range of tasks including cable and flexible product lay, jet or plough trenching, simultaneous lay and burial, in addition to inspection, maintenance and repair (IMR) and light construction.

Due to its excellent station keeping and crane capabilities, ample deck space and accommodation, the Polaris can offer attractive solutions for all offshore requirements.

Main Features:
- **Length overall:** 94.10m
- **Vessel transit speed:** 13 knots (weather dependent)
- **Bollard pull:** 352.6t (125m, max)
- **150kw (AHC)** offshore crane for handling subsea equipment
- **DWT:** 3,000t

**ACCOMMODATION**
- **Holiday Area:** 1
- **Work Area:** 1
- **Living Area:** 1
- **Laundry:** 1
- **Dormitory:** 1
- **Officer’s Cabins:** 5
- **2 Man Cabins:** 10
- **10 Man Cabins:** 5
- **5 Man Cabins:** 1

**MODIFICATION**
- **Conversion/rebuild:**
  - **180t Weight:**
    - **Volume:** 90m³
    - **5.0m x 2.6m x 1.6m
    - **Weight:** 180t

**OIL RIG POOL**
- **Firmly Grasped:**
  - **120t Weight:**
    - **Volume:** 60m³
    - **5.0m x 2.6m x 1.6m
    - **Weight:** 120t

**CHARTER**
- **Vessel Chartering:**
  - **Negotiable:**
    - **100t (SWL) A Frame**
    - **150t (AHC) offshore crane for handling subsea equipment**
    - **150t (AHC) offshore crane for handling subsea equipment**

**ACCOMMODATION**
- **For up to 70 persons**
INSTALLATION AND TRENCHING CAPABILITIES

The Polar Prince is well suited to a broad range of Installation and Trenching workscopes for the Oil & Gas and Offshore Renewables markets. The vessel incorporates:

• Large deck space for trenching assets and/or lay spread
• High bollard pull of over 150t for ploughing operations
• 150t (AHC) offshore crane for handling subsea equipment and/or construction activities
• 100t (SWL) A Frame for operation of subsea ploughs and/or construction activities
• 150t (AHC) offshore crane for handling subsea equipment
• XLR Work Class ROV for subsea intervention and survey tasks (changeable as required)

HIGH STATION KEEPING CAPABILITY

The Polar Prince is optimized to perform in extreme environmental conditions with the aid of the vessel’s high station keeping capability:

• Simrad Kongsberg SDP 21 system with independent portable joystick system

LIGHT CONSTRUCTION CAPABILITIES

The vessel is capable of providing light construction activities, and is equipped with:

• 150t (AHC) KENZ offshore crane
• XLR Work Class ROV
• Deck loading capability of 10t/m²
• 7.02 x 6.50m moonpool and moonpool ROV (4.90 x 5.20m)

PROVEN TRACK RECORD

The Polar Prince has a long and successful track record working on numerous workscopes in the Oil & Gas and Offshore Renewables industries, including:

• Greater Gabbard Offshore Wind Farm
• Thanet Offshore Wind Farm
• Laggan & Tormore
• Chiswick Platform
• Gryphon light construction

TECHNICAL SPECIFICATION

CSV POLAR PRINCE

PRINCIPAL DIMENSIONS

LENGTH O.A. abt. 94.1m
LENGTH P.P. 80.4m
BREADTH MOULDED 22.0m
DEPTH MOULDED 9.65m
DRAUGHT DESIGN 7.1m
DRAUGHT SCANTLING 7.4m
FRAME SPACING 0.7m
MAX AIR DRAFT approx. 41.0m
ACCOMMODATION FOR 70 PERSONS

POLAR PRINCE/2