**GENERAL**

**Basic Functions**
Light Offshore Construction Works by means of Offshore rated knuckle boom crane and ROV support on a stable DP-2 platform

**Classification**
Lloyds Register

- 100A1, ECO, WDL(5 T/M2), LMC, UMS, "IWS, DP(AA), CAC(3),
  Helicopter Landing Area

**DIMENSIONS**

- **Length o.a.** 84.20 m
- **Beam mid.** 19.00 m
- **Depth mid.** 8.00 m
- **Draught summer** 6.00 m
- **Deadweight (summer)** 3200 t
- **Deck area** 550 m²
- **Deck load** (VCG at 1 m above deck) 1000 t

**TANK CAPACITIES**

- **Ballast water** 1600 m³
- **Fuel oil (service)** 850 m³
- **Potable water** 980 m³
- **Fuel oil cargo** 730 m³

**PERFORMANCES (APPROX.)**

**Speed (at 5.00 m draught)** 13.5 kn

**PROPULSION SYSTEM**

- **Main engines** Diesel-electric, 690 V, 60 Hz
- **Propulsion power** 2x electric motors of 2200 kW each
- **Azimuting thrusters** 2x 2800 mm FP propellers in nozzles
- **Bow thrusters** 3x 900 kW, 2000 mm, FP

**AUXILIARY EQUIPMENT**

- **Networks** 690 V, 440 V and 230 V - 60 Hz
- **Main generator sets** 4x 1880 ekW at 900 rpm
- **Emerg./Harbour generator set** 1x 430 ekW at 1800 rpm
- **Shore Supply** 1x 400A

**DECK LAY-OUT**

- **Anchor mooring winch** 1x electric-hydraulic, with rope drum and two warping heads
- **Capstans** 2x electric, each 5 t pull
- **Store crane** 1x knuckle boom 3 t at 16 m (harbour)

**CARGO HANDLING SYSTEM**

- **Offshore crane** 1x offshore knuckle boom crane, max 100 t at 10 m. Active heave compensated winch with 3000 m wire
- **Tugger winch** 2x electric-hydraulic, 10 t pull

**ROV SUPPORT**

- **Launch and recovery** 1x hydraulic operated A-frame, 12 t
- **Operational** 1x ROV control station
- **ROV workshop** 1x

**HELICOPTER FACILITIES**

- **Helicopter deck capacity** D-factor 21 m, take-off weight 12 ton

**ACCOMMODATION**

- **Single berth cabins** 10x
- **Double berth cabins** 14x
- **4 berth cabins** 4x

  - Offices, conference room, recreation rooms all cabins provided with internet, telephone and satellite tv.

**NAUTICAL AND COMMUNICATION EQUIPMENT**

- **Nautical** radar X-band + S-band, ECDIS, Conning
- **DP-system** DP-2 with Hydro-Acoustic and Laser reference systems
- **GMDSS** Area A3