

Ship Design Z 4220 Offshore Construction Vessel (OCV)



Main particulars

- LOA 130 m
- Breadth moulded, max 28 m
- Summer draught 8 m
- DW approx. 11 000t (closed moonp.)

Machinery

- 6 x 3500 kW Generators
- 3 x 3000 kW Azimuths aft
- 2 x 1500 kW Tunnel thrusters
- 1 x 2000 kW Retractable thruster

Class: DNV

The vessel will be classed with the following **notations** upon completion.

DNV 1A1, DYNPOS(AUTR)*, Clean, E0, COMF-V(3) C(3), SF, ICE C, HELDK-SH, DK (+), SPS*, Battery (Power)*.

(*) New added notations.

Flag and statutory compliance

The vessel will be updated to **comply** with the following upon completion. (non-exhaustive).

MARPOL 12A, SCR – TIER III

Flag: TBD

New equipment

The vessel will be upgraded to a state to be expected of a modern vessel. Amongst the upgrades is a brand new bridge, DP-system, IAS and Nav/Com-equipment (Kongsberg). The drive/propulsion and main electrical distribution system (Wärtsilä) will be completely replaced with new modern equipment. The vessel will have a BWTS.

Accommodation

Onboard the vessel will have 100 POB capacity, and carry the SPS notation.

All interior accommodation will be new and modern.

Mission equipment

The vessel will be equipped with a 250T AHC Crane (NOV), 35T stern Crane and a new helideck. The vessel is prepared for future moonpool.

Hybrid for flexible operations

The vessel will be equipped with a ~1000 kWh battery pack for fuel savings and optimized power management.

Options and variations

The vessel is a flexible platform and may be easily modified to suit different operational needs.

- Moonpool (option)
- CLV
- VLS
- 400 T heavy lift arrangement
- 120 POB