



BLUE WATER

80 m Offshore Patrol Vessel

Main Dimensions

Length overall80.5 m
 Beam overall 14.0 m
 Draught3.9 m
 Displacement1,850 t
 ClassificationLR+100 A1 NS-3 OFFSHORE PATROL
 VESSEL, SA1, AIR, LMC, UMS or equiv. DNV

Capacities

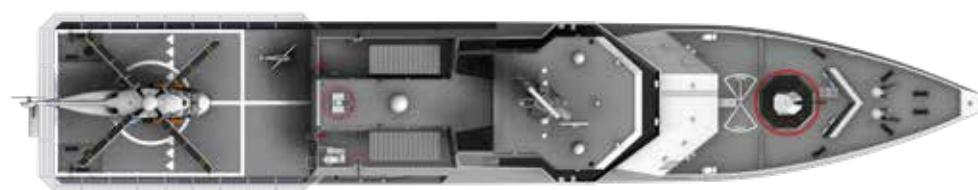
Complementup to 80
 Fuel~330 m³
 Aviation fuel~25 m³

Performance

Speed20-24 kn
 Range12,000+ nm at 12 kn
 Endurance30 days

Propulsion

PrincipleCODAD / hybrid
 Main engines2x ~4,000 kW
 Propeller2x CPP
 Bow thruster2x 140 kW



Air Interface

- 24x12.8m flight deck with HIFR
- up to 11t MTOW helicopter
- Helo/UAV-hangar with maintenance

Mission Deck

- 5x 20' mission modules
- ASW/towed array sonar
- UUV/USV-integration
- Mine warfare

Top Platform Options

- 2x 20' mission modules
- 8x SSM
- SAM/CIWS
- VLS
- Decoy launcher
- Crane

Mission Awareness

- Configurable mast design with surveillance radar, EOD/S, ESM
- „Opti“-Bridge 360° centralized ship management NAV, CIC, CMS, IPMS

Naval Features

- Reduced radar signature
- 2 damage control zones
- 2 separate generator spaces
- Stability acc. UK MOD DEFSTAN 02-900
- NBC protection system

Sea Interface

- 4x RHIB/USV up to 10 m side launched
- 2x RHIB/USV up to 10 m stern launched
- 2x Rescue zones/divers-/boat access close to waterline

Auxiliary Guns

- 1 or 2x up to 30mm RWS
- 4x 12.7mm HMG

Machinery

- CODAD power plant with 2x medium-speed diesel engines
- PTO/PTI

Main Gun

- 30 to 76 mm

Accommodation

- High-standard living and social areas

Final configuration to be agreed upon with the end user.