



# BLUE WATER

## 80 m Offshore Patrol Vessel

### Main Dimensions

Length overall .....80.5 m  
 Beam overall ..... 14.0 m  
 Draught .....3.9 m  
 Displacement .....1,900 t  
 Classification .....LR+100 A1 NS-3 OFFSHORE PATROL  
 VESSEL, SA1, AIR, LMC, UMS or equiv. DNV

### Capacities

Complement .....up to 80  
 Fuel .....~330 m<sup>3</sup>  
 Aviation fuel .....~25 m<sup>3</sup>

### Performance

Speed .....20-24 kn  
 Range .....12,000+ nm at 12 kn  
 Endurance .....30 days

### Propulsion

Principle .....CODAD / hybrid  
 Main engines ..... 2x ~5,400 kW  
 Propeller .....2x CPP  
 Bow thruster .....2x 140 kW



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DEFENCE



#### 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 3D/2D-surveillance radar, fire control, IFF, R-ESM, ESM
- „Opti“-Bridge 360° centralized ship management NAV, CIC, CMS, IPMS

#### Naval Features

- Low signatures (RCS, IR,URN)
- 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

#### Main Gun

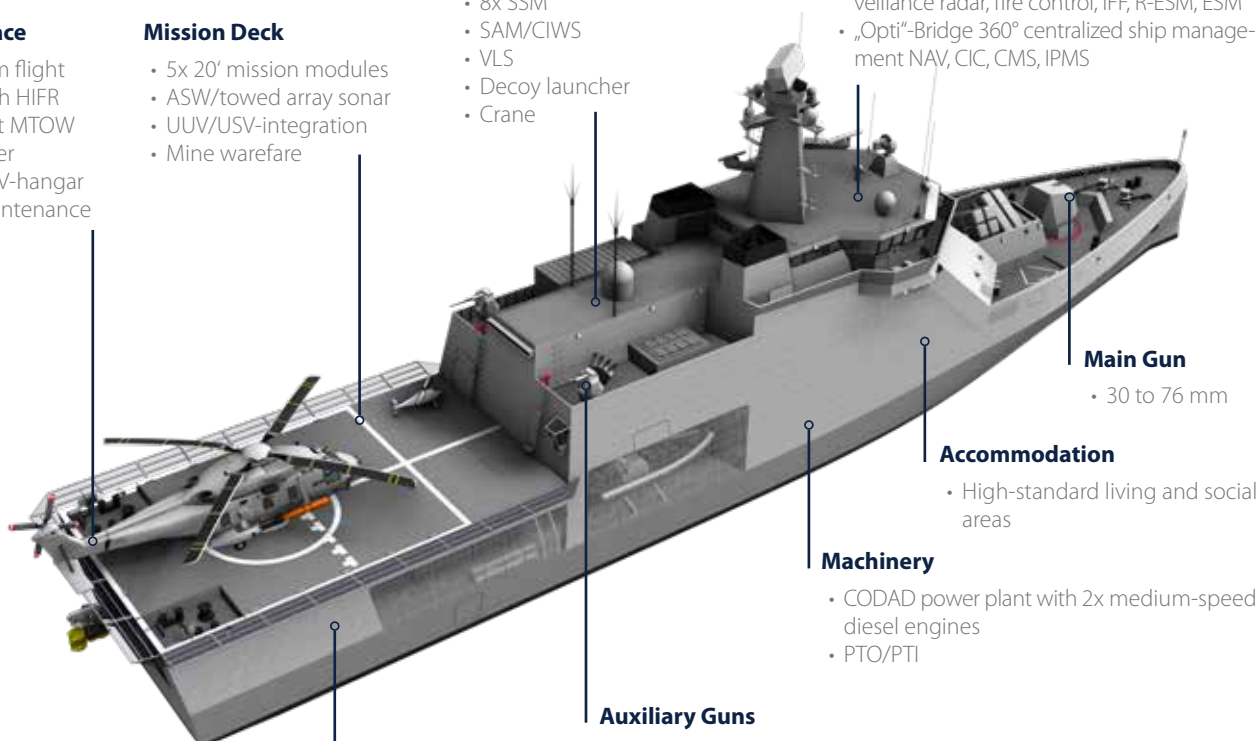
- 30 to 76 mm

#### Accommodation

- High-standard living and social areas

#### Machinery

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



*Final configuration to be agreed upon with the end user.*