MULTIROLE
100 m Multipurpose Vessel

Main Dimensions
Length overall 100.2 m
Beam overall 17.4 m
Draught 5.5 m
Displacement 4,400 t
Classification LR + 100A1, NS(SSC), Multirole Support Vessel* SA1
Air LA Lac *WS + MD (SP) +LMC or equiv. DNV

Capacities
Complement 60+240
Fuel 850 m³
Aviation fuel 150 m³
Container 45+ TEU

Performance
Speed 20+ kn
Range 12,000+ nm at 12 kn
Endurance 90+ days
Deadweight 1,500 t

Propulsion
Principle CODAD / hybrid
Main engines 2x ~5,400+ kW
Propeller 2x CPP
Bow thruster 2x ~300 kW
Air Interface
- 32.4m flight deck aft for up to 20t MTOW helicopter
- 31.2 flight deck fwd for up to 11t MTOW helicopter
- Helo/UAV-hangars

Missionbay
- 540m² deck area with 5 m height for RHIB's, vehicles etc.

Replenishment
- Stern FAS
- Cargo crane
- RAS for receiving fluids/solids

Well Deck
- 24x8m well deck for:
  - RHIB's/USV's, amphibious vehicles, landing craft

Sea Interface
- 2x RHIB/USV up to 11 m side launched
- 10x RHIB/USV up to 11 m in missionbay/welldeck
- 1x heavy landing craft

Main Gun
- 30 to 76 mm

SAM/CIWS

Auxiliary Guns
- 1 or 2x 20 to 30mm RWS
- 4x 12.7mm HMG

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

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

Mission Awareness
- Configurable mast design with 2D/3D surveillance radar, EODVS, ESM
- „Opti”-Bridge 360° centralized ship management NAV, CIC, CMS, IPMS

Final configuration to be agreed upon with the end user.