**MULTIROLE**

90 m Multipurpose Vessel

<table>
<thead>
<tr>
<th><strong>Main Dimensions</strong></th>
<th><strong>Performance</strong></th>
<th><strong>Propulsion</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length overall ......</td>
<td>90.9 m</td>
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<tr>
<td>Beam overall ..........</td>
<td>17.0 m</td>
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<tr>
<td>Draught ..............</td>
<td>5.3 m</td>
<td></td>
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<tr>
<td>Displacement ........</td>
<td>3,200 t</td>
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<tr>
<td>Classification ........</td>
<td>LR + 100A1, NS(SSC), Multirole Support Vessel*</td>
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<tr>
<td></td>
<td>SA1 AIR LA LAC *IWS + MD (SP) +LMC</td>
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<tr>
<td>Capacities</td>
<td></td>
<td></td>
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<tr>
<td>Complement ..........</td>
<td>60+240</td>
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<tr>
<td>Fuel .................</td>
<td>700 m³</td>
<td></td>
</tr>
<tr>
<td>Aviation fuel ........</td>
<td>100 m³</td>
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<tr>
<td>Container ...........</td>
<td>40+ TEU</td>
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<tr>
<td>Speed ...............</td>
<td>20+ kn</td>
<td>CODAD / hybrid</td>
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<tr>
<td>Range ................</td>
<td>12,000+ nm at 12 kn</td>
<td>Main engines</td>
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<tr>
<td>Endurance ...........</td>
<td>60+ days</td>
<td>Propeller</td>
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<tr>
<td>Deadweight ..........</td>
<td>1,000 t</td>
<td>Bow thruster</td>
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</table>

* *IWS = Integrated Water System*
Air Interface
- 32.4m flight deck aft for up to 20t MTOW helicopter
- 31.2m flight deck fwd for up to 11t MTOW helicopter
- Helo/UAV-hangars

Missionbay
- 500m² deck area with 4.8 m height for RHIB's, vehicles etc.

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

Main Gun
- 30 to 76 mm

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

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

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

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

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

Well Deck
- 16x7m well deck for RHIB's/USV's, amphibious vehicles, landing craft

SAM / CIWS

RoRo- Ramps

Cargo Crane & 40' Deck Hatch

Final configuration to be agreed upon with the end user.