Missions

Successor of the stealth La Fayette-class frigate, BELH@RRA® is the new combat ship for naval supremacy.

BELH@RRA® is the answer from DCNS to navies looking for a compact frigate able to perform a large range of missions stand-alone or within a task force either for high sea duration missions as for shallow water operation in congested and contested operational environment.

This new frigate features high level capabilities in anti-air, anti-surface, anti-submarine and asymmetric warfare domains. BELH@RRA® is fitted with latest generation fixed-panels AESA radar integrated in a Panoramic Surveillance Intelligence Module (PSIM), a complete sonar suite, long and medium range anti-air missiles and a comprehensive electronic warfare suite.

Thanks to its flexible design, BELH@RRA® can be proposed in different versions with adapted combat payload and platform arrangement.
KEY POINTS

Design flexibility
BELH@RRA® is either equipped with:
- fixed-panels AESA radar or rotating 3D multifunction radar,
- 76 or 127 mm gun,
- up to 32 vertical launched missiles cells,
- CIWS and/or short range weapon system,
- full sonar suite (HMS and VDS),
- passive detection in all frequencies bands (radar, radio, laser...),
- up to 40 MW CODAD propulsion,
- fixed and rotary-wing UAVs,
- stretched hull to receive a flexible zone for UXVs, RHIBS, containers storage, and increased autonomy and accommodation.

Advanced warfare
- This compact and stealth platform provides maximised capacities for active/passive self-defence and attack in all warfare areas.
- BELH@RRA® baseline version is equipped with SETIS®, DCNS latest-generation combat system fitted for national or coalition forces interoperability with tactical data links presets.
- SETIS® features shipborne and third-parties UAV operations directly from the Combat Information Centre (CIC).
- BELH@RRA® is equipped with an innovative short range protection centre which gives full 360° vision coverage and action against close targets.
- Advanced digital infrastructure design through ACCESS (Afloat Common Computing Evolutive and Secured System Project).
- BELH@RRA® cybersecurity is addressed by DCNS through the whole warship design and on-board/ashore systems monitoring.

CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Displacement</td>
<td>4,000 t class</td>
</tr>
<tr>
<td>Length</td>
<td>121 m</td>
</tr>
<tr>
<td>Width</td>
<td>17 m</td>
</tr>
<tr>
<td>Speed</td>
<td>27-29 kts</td>
</tr>
<tr>
<td>Range</td>
<td>5000 nautical miles at 15 kts</td>
</tr>
<tr>
<td>Accommodation</td>
<td>145-165</td>
</tr>
<tr>
<td>Aviation</td>
<td>1 x 10 t class helicopter and 1 x mid-size UAV</td>
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