

built on trust™



FAST PATROL VESSEL

VARD 7 045

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Key Facts

Crew | 28

Dimensions |



Performance

Max Speed | ~27.0 kt

Service Speed | 14.0 kt



Propulsion Machinery

Main Engine | 2 x ~2,500 kW

Main Generators | 2 x 200 ekW



Auxiliary Machinery

Tunnel Thruster | 1 x 110 kW

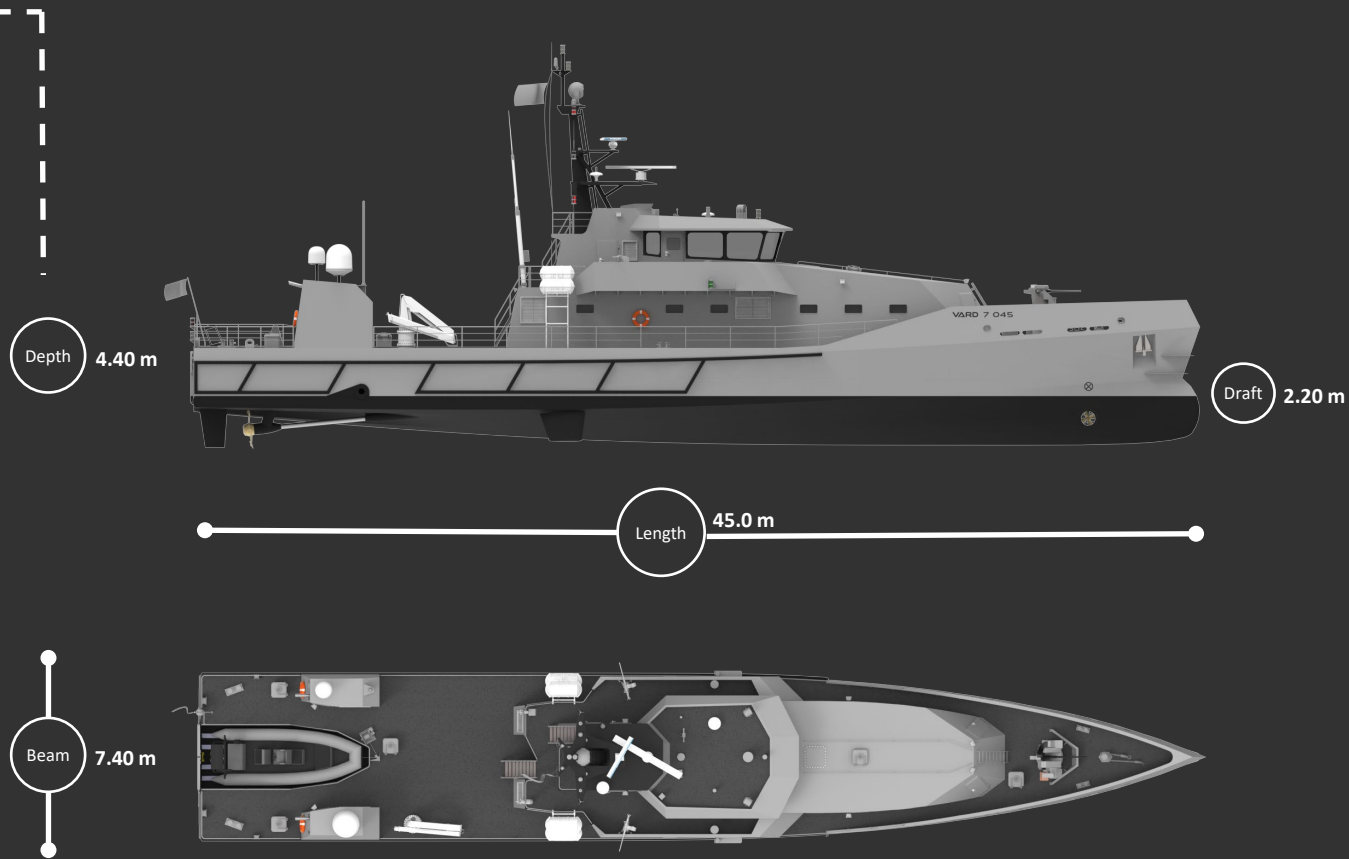
Emergency Power | 24v batteries



Tankage

Range | ~2,000 nm @ 14 kt

Endurance | 5 days



SAFE
CAPABLE
FLEXIBLE



Weather Deck

Bow shape tailored to reduce pitching.
Protective bulwark to enhance crew safety on deck in heavy weather



Lifesaving

Open deck area clear of propellers on each side for rescue capability



Excellent Seakeeping

Stabilizer fins and bilge keels provide roll-damping to reduce crew fatigue and increase safety in heavy weather

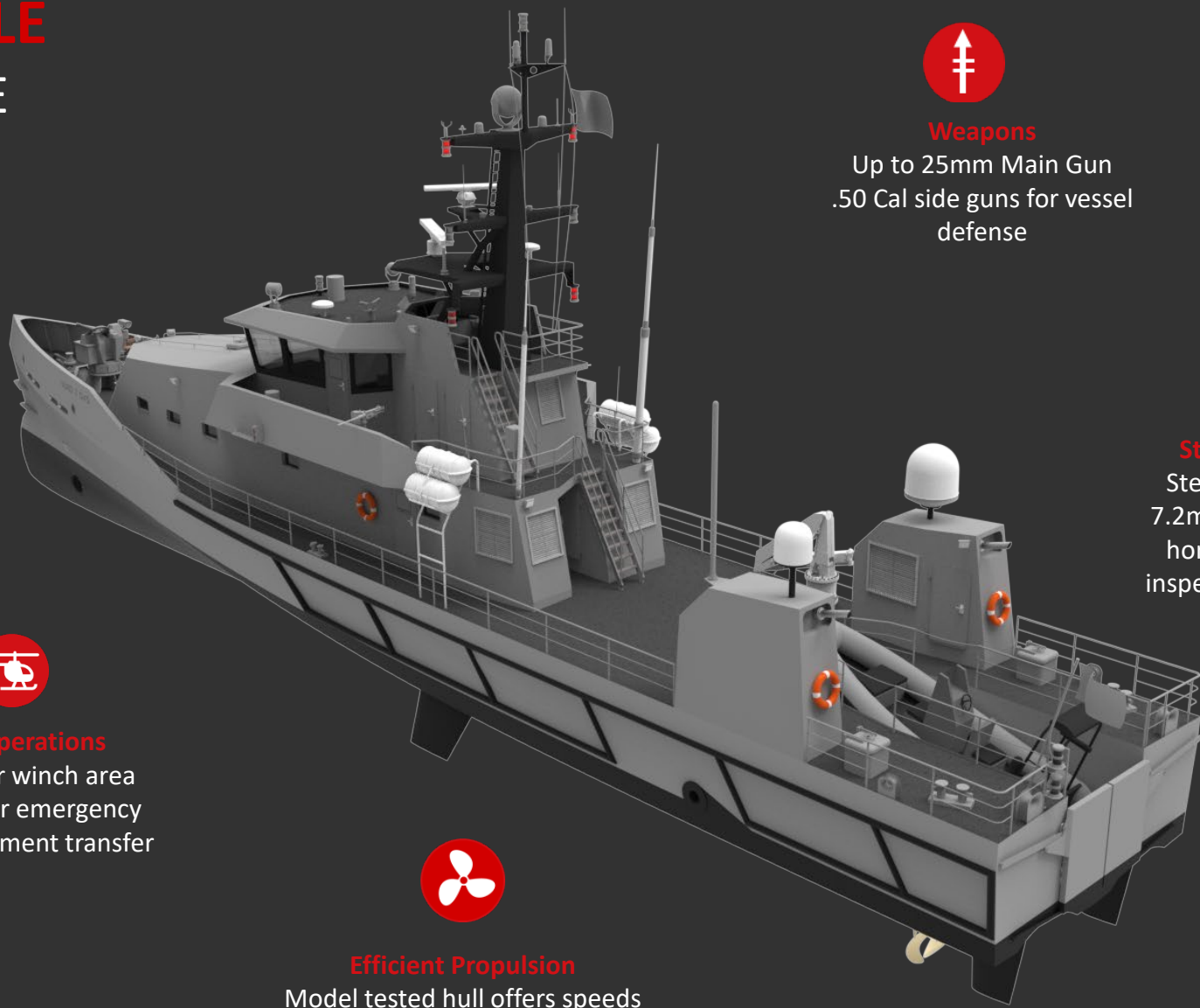


Bow Thruster

Bow thruster for enhanced maneuverability & controlled mooring

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Weapons

Up to 25mm Main Gun
.50 Cal side guns for vessel
defense



Stern-Launch Boat

Stern ramp-launched
7.2m RIB with over-the-
horizon capability for
inspection & interdiction



Helo Operations

Helicopter winch area
forward for emergency
crew/equipment transfer



Efficient Propulsion

Model tested hull offers speeds
up to ~27 knots & cruising
range of ~2,000 nm at 14 knots

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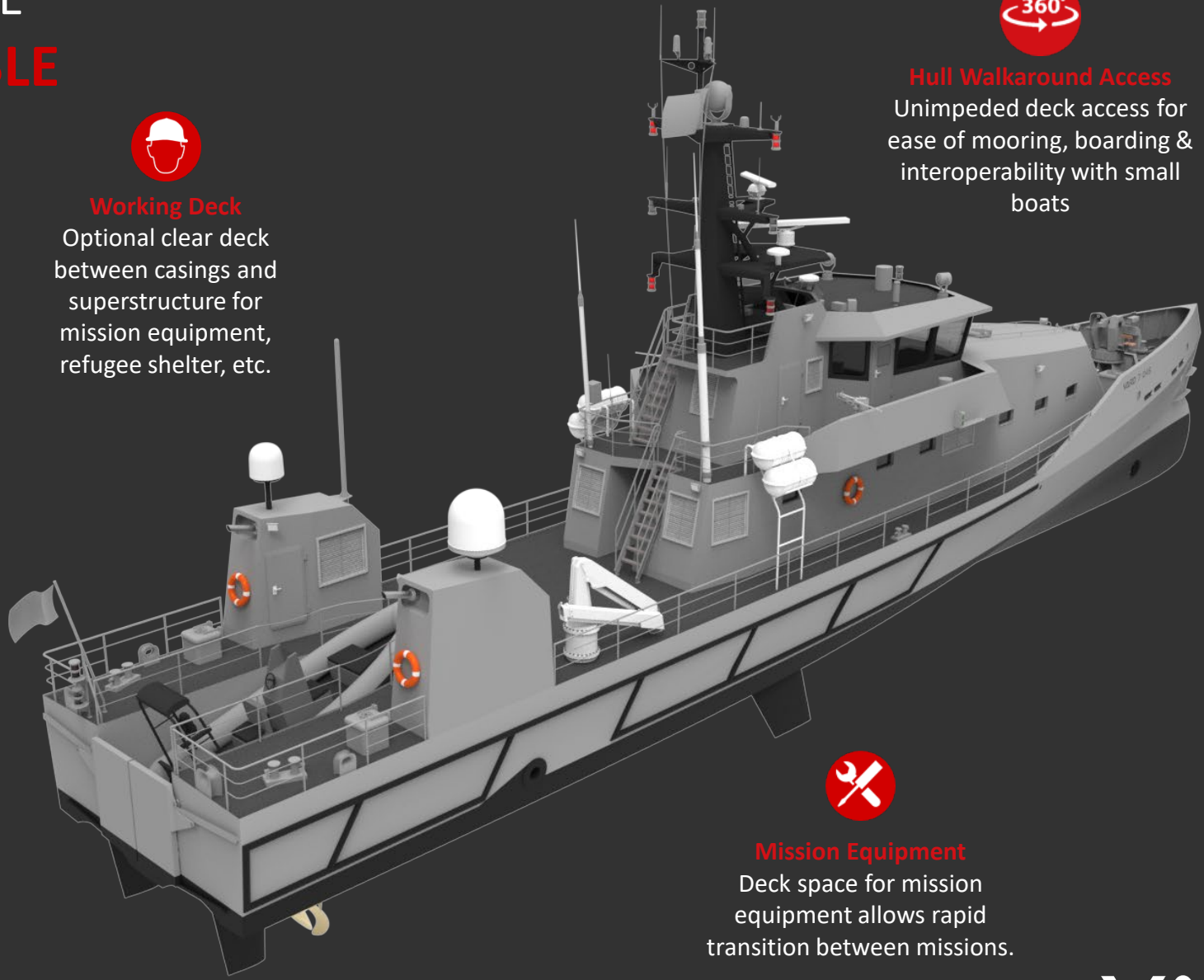
Working Deck

Optional clear deck between casings and superstructure for mission equipment, refugee shelter, etc.



Hull Walkaround Access

Unimpeded deck access for ease of mooring, boarding & interoperability with small boats



Mission Equipment

Deck space for mission equipment allows rapid transition between missions.