

ADA CLASS

CORVETTE



TECHNICAL SPECIFICATIONS

DESIGN, PURPOSE AND CAPABILITIES

- › High Maneuvering and Seakeeping Capability
- › High Durability and Distributed Sensors & Weapons in Response to Fires and Damages
- › Adequate Sensors & Weapons Configuration for Principal Warfare Areas
- › Stealth Design and Reduced Electromagnetic Signature
- › Reduced Underwater Noise Against Submerged Threats and Degaussing System
- › Redundancy Philosophy
- › Advanced Naval Warfare Capabilities
- › Advanced Communication Systems
- › Network Enabled Capabilities

MAIN DIMENSIONS

Lenght Overall	99.56 m.
Lenght Waterline	91.40 m.
Max. Breadth	14.42 m.
Draft	3.85 m.

SPEED & ENDURANCE

Max. Speed	29+ kts
Cruising Speed	15 kts
Endurance	3500 Nm at 15 kts

TONNAGE

Displacement	2400 t
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MAIN PROPULSION

- › CODAG (2 x Diesel Engines + 1 x Gas Turbine)
- › 2 x Shafts With CPP Propellers

POWER GENERATION

- › 4 x Diesel Generator

SHIP'S BOATS

- › 1 x Stern Launched RHIB Boat With Stern Ramp
- › 1 x Side Launched RHIB Boat With Overhead Crane

SENSORS & WEAPONS

- › Combat Management System (CMS)
- › 3D Surveillance Radar
- › Fire Control Radar
- › 2 x Navigation Radars
- › LPI Radar
- › X Band Satellite Communication System
- › Integrated Platform Management System
- › Electronic Support Measure (ESM) System
- › Torpedo Countermeasure System
- › IFF System
- › Integrated Communication System
- › 2x2 Torpedo Launcher System
- › Ship Data Distribution System
- › 1 x 76 mm Naval Gun
- › Electro-Optical Director
- › (W)ECDIS
- › Hull Mounted Sonar
- › 4x2 SSM
- › 2 x 12.7 mm Gun (E/O Capability)
- › 1 x PDMS
- › 2 x Chaff Launcher
- › Local Area Network

HELICOPTER PLATFORM & HANGAR

- › Capacity to Carry 2 x 10 t Medium Lift Helicopter (One in the Hangar and one on the Platform)
- › JP-5 Refueling Station
- › HVLA System

ACCOMMODATION

- › Comfortable Accommodation for 106 Personnel
- › Sickbay
- › Offices, Workshops
- › Officer Wardroom, Mess Rooms, Pantries
- › Galley & Food Storage Areas
- › General Storage Areas

GROWTH CAPABILITIES

- › Upgradable Sensors & Weapons
- › Flexible Accommodation Arrangement

PROTECTION SYSTEMS

- › NBC protection & Washdown System
- › Ballistic Protection

RAS CAPABILITIES

- › RAS Receiving Station and Probe

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