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Information

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Fact Sheet

General Dynamics Littoral Combat Ship

BATH, Maine – On May 27, the U.S. Navy announced that the General Dynamics LCS Team, led by Bath Iron Works, had been selected to complete design work on the new Littoral Combat Ship class of surface combatants. The General Dynamics approach features an innovative trimaran hull that enables the ship to reach sustainable speeds of nearly 50 knots and range as far as 10,000 nautical miles with an unmatched interior volume and payload. The ship is designed to allow a crew of fewer than 40 sailors to fully operate, maintain and defend it.

Additional characteristics are detailed below. High-resolution versions of images are available at www.generaldynamics.com.

Design Characteristics

- Length 127.1 meters
- Beam 30.4 meters
- Draft 4.5 meters
- Top Speed 50+ knots
- Sprint Speed 47 knots
- Max Lift @ 20 knots 280 metric tons
- Max Load 855 metric tons

Propulsion

- 2 Gas Turbines
- 2 Diesel Engines
- Steerable Waterjets
- 2 Steerable Thrusters



Armament / Mission Operations

- Surface to Air Missile Launcher
- Dual Purpose Automated Gun
- Minor Caliber Guns
- Decoys and Countermeasures
- Air, Surface and Subsurface Sensors
- COTS / NDI Core Mission System



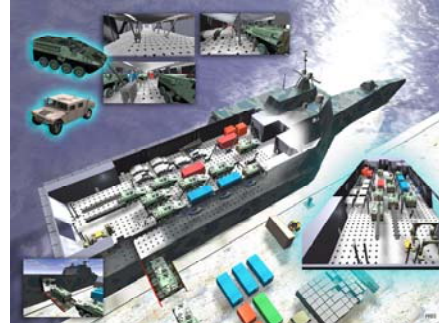
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Armament / Mission Operations (cont.)

- Simultaneous air operations: 2 helicopters and multiple UAVs / VTUAVs
- Endurance (sprint speed): 1,500 NM
- Endurance (transit speed): 4,500 NM
- Launch / recover aircraft: Sea State 5
- Launch / recover watercraft: Sea State 4



General Dynamics Team

Bath Iron Works is the prime contractor on the program. Austal USA, of Mobile, Ala., a subsidiary of Australian shipbuilder Austal Ships, is supporting final design efforts for the team's aluminum and steel trimaran warship. General Dynamics Advanced Information Systems, of Arlington, Va., is leading the ship's open-architecture based Core Mission System design and integration from its Pittsfield, Mass. facility.

Other team members include CAE of Leesburg, Va.; BAE Systems, Rockville, Md.; Maritime Applied Physics Corporation, Baltimore, Md.; Northrop Grumman Electronic Systems, Baltimore, Md.; and three other General Dynamics companies: Armament and Technical Products (Burlington, Vt.), Electric Boat (Groton, Conn.) and General Dynamics Canada (Ottawa, Ontario).

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