



1124M

The Project 1124M ship is the base platform for different-purpose ships. Its development was based on the experience of developing and operating ships of this class.

The following variants of the project are available:

- Project 1124M antisubmarine warfare (ASW) ship is designed to destroy enemy surface and underwater targets, while operating independently or as part of a task force, to counter single air targets and sabotage/terrorist assets, provide fire support to ground forces operating in the maritime sector, protect coastal lines of communication and interdict the enemy's sea lines of communications, perform escort, reconnaissance and patrol missions;
- Project 1124M1 fire support ship is designed to provide fire support to ground forces operating in the maritime sector, protect coastal lines of communication and interdict the enemy's sea lines of communications, fight enemy surface and underwater targets independently and as part of a task force, perform reconnaissance and patrol missions, assist border troops in border protection, counter single air targets and sabotage/terrorist assets;
- Project 1124M2 Coast Guard ship is designed to patrol and protect maritime borders and exclusive economic zone, counter enemy surface and underwater targets independently and as part of a task force, provide for defense of naval bases, participate in reconnaissance actions, guard and protect coastal shipping, support marine operations and show the flag in the areas of public interest.

Características básicas:

- Main propulsion* type, layout, output, kW:
 - diesel - gas turbine, three-shaft, CODAG-WARP with CPP and water jet*:
 - diesel, two-shaft CODAD with CPP*:
 - diesel-electric, two-shaft CODELAD with CPP*:
- Electric power system output, kW: **
- Full displacement, t: about 1400
- Length x beam x draft, m: about 84x10,7x5,2
- Speed, kt:
 - full: about 30
 - economic: 14
- Range at economic speed, nm: about 2500
- Endurance, days: ≥ 20
- Seaworthiness:
 - stay at sea: unlimited
 - weapons employment: 5



- Crew: 70
- Main armament:
 - Aviation facilities: Helipad for a medium helicopter, helicopter takeoff/landing control post***
 - Air defense weapons: Palma AA gun-missile CIWS/ Kashtan-M AA gun-missile CIWS/ Gibka naval turret mount/ Igla (Igla-S) MANPADS
- Artillery:
 - 100mm A-190/ A-190-01 gun/ 76.2mm AK-176MA gun/ 57mm A-220M gun:
 - 1x or 2x: 30mm AK-630M-06/ 30mm AK-306-09/ 30mm AK-630M-2 CIWS:
 - 2x14.5mm MTPU naval pedestal machine guns or 2x7.62mm PKMB machine guns:
- Artillery/air defense fire control systems: 5P-10-03E/ MR-123-02/3-4 radar control system/ Palma-SU/ SP-520-M EO control system
- ASW weapons: Two TR-203/2 twin-tube torpedo launchers with Purga-1124M control system or Paket-E/NK compact ASW torpedo system with a control system
- Mine weapon: MDM-1 Mod 1 or MDM-2 Mod 1 or UDM-E mines
- Sensors and electronics:
 - Active 3D radar: Pozitiv-ME1/ Pozitiv-ME1.2
 - Integrated bridge system: +
 - Joint safe weapon employment system: Blokirovka-1124M
 - Combat management system (CMS): Sigma-E/Trebovanie-M
- Navigation equipment:
 - Navigation radar: 1 x or 2 x MR-231 navigation radars (one – part of Gorizont-25 INS)
 - GPS receiver: two AKVA-BORT-12 satellite navigation receivers as part of the Gorizont-25 INS / GLONAS / GPS T-701 / Furuno GP-150
- EW assets:
 - Active: TK-25E/MP-405-1E
 - Passive: 4x10 PK-10
 - Torpedo countermeasures: Zmey towed ship-based acoustic torpedo countermeasures device
- Sonar equipment:
 - Surface ship sonar system with an underkeel antenna (in bulbous fairing) : MGK-335EM-03
 - Towed-array sonar station: Vesta



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Российская Федерация,
107076, г.Москва, ул Стромынка, 27,
АО «РОСОБОРОНЭКСПОРТ», Пресс-служба

Тел.: +7 (495) 534 61 83;

Факс: +7 (495) 534 61 53

www.roe.ru

