

EM Kotlin SAM [Pr.56K Spokoinyy] - 1976

Soviet Union [-1991]

Type: FFG - Guided Missile Frigate

Max Speed: 36 kt

Commissioned: 1976

Decommissioned: 1991

Length: 126.1 m

Beam: 12.76 m

Draft: 4.5 m

Crew: 270

Displacement: 2890 t

Displacement Full: 3447 t

Propulsion: 2x GTZA TV-8 Boilers, 2x Steam

Turbines



Sensors / EW:

- Sun Visor [Radar] - (GFCR) Radar, Radar, FCR, Weapon Director, Max range: 27.8 km
- Wasp Head [Visual Director] - (GFCR) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- Watch Dog B [Bizan] - (Jug Pair, adds omni) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Buck Toe [GAS-572 Pegas 2] - (Jug Pair, adds omni) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search, Max range: 3.7 km
- Peel Group [4R90 Yatagan II, Radar] - (Group, SA-N-1, Volna-N/Volna-11) Radar, Radar Illuminator, Medium-Range, Max range: 59.3 km
- Peel Group [4R90 Yatagan II, TV Camera] - (Group, SA-N-1, Volna-N/Volna-11) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 74.1 km
- Hawk Screech [Fut-B] - (GFCR, 45mm, 57mm, 76mm, 100mm) Radar, Radar, FCR, Weapon Director, Max range: 22.2 km
- Generic TV Camera - (1st Gen, Weapon Director) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- Drum Tilt [MR-104 Rys] - (25mm & 30mm GFCR) Radar, Radar, FCR, Weapon Director, Max range: 22.2 km
- Head Net C [MR-310U Angara-M] - (Back-to-Back) Radar, Radar, Air Search, 3D Medium-Range, Max range: 185.2 km
- Don 2 - (Back-to-Back) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km

Weapons / Loadouts:

- AK-230 30mm/65 Twin Burst [50 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
- RBU-6000 Salvo [12 rnds] - (1961) Rocket. Subsurface Max: 5.6 km.
- 130mm/58 Twin SAP Burst [2 rnds] - Gun. Surface Max: 18.5 km. Land Max: 18.5 km.
- 130mm/58 Twin HE Burst [2 rnds] - Gun. Air Max: 3.3 km. Surface Max: 18.5 km. Land Max: 18.5 km.
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
- SA-N-1b Goa [M-1M/P Volna-M/P, 4K91 / V-601] - (1968/1976) Guided Weapon. Air Max: 18.5 km. Surface Max: 16.7 km.

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- 45mm/85 Quad Burst [8 rnds] - Gun. Air Max: 2.2 km. Surface Max: 5.6 km. Land Max: 5.6 km.
- SET-65M Enot-2 [NATO ET-80A[76]] - (1973, Ship) Torpedo. Subsurface Max: 7.4 km.

OVERVIEW: The KOTLIN SAM class DDG is a steam-powered, AAW destroyer.

DETAILS: The KOTLIN SAM DDG is based on the KOTLIN class DD. Between 1962-72, nine units were modified to the KOTLIN SAM class by removing after gun and torpedo mount and replacing it with an SA-N-1 SAM system. One unit was subsequently transferred to Poland.

NOTES: Displacement: 2,700 tons standard

Speed: 38 knts

Range: 1,000 nm @ 34 knts; 3,600 nm @ 18 knts

Complement: 300 (approx.)

In Commission: 1954 (KOTLIN class); 1962-1989 (KOTLIN SAM class)

Completed: 9

SOURCES: Norman Polmar, "Guide to the Soviet Navy, 3rd ed. (Annapolis, MD: Naval Institute Press, 1983), 170-71 ; Federation of American Scientists. "Kotlin Class - Project 56." Accessed November 17, 2013. <http://www.fas.org/man/dod-101/sys/ship/row/rus/56.htm>.