

BPK Kashin Mod [Pr.61M] - 1980 5x

Soviet Union [-1991]

Type: DDG - Guided Missile Destroyer

Max Speed: 35 kt

Commissioned: 1980

Decommissioned: 1991

Length: 146.2 m

Beam: 15.8 m

Draft: 4.82 m

Crew: 312

Displacement: 4025 t

Displacement Full: 4905 t

Propulsion: 2x M-3EE Gas Turbines



Sensors / EW:

- Don Kay [Volga] - Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- Tee Plinth - Visual, Visual, Surveillance TV Camera, Max range: 55.6 km
- Bull Nose [MGK-335M Platina] - (1981, Assoc w Mare Tail & Steer Hide) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search, Max range: 27.8 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
- Owl Screech [MR-114 Yakhond] - (76mm GFCR) Radar, Radar, FCR, Weapon Director, Max range: 33.3 km
- Bass Tilt [Radar] - (Group, 30mm GFCR, Pair of guns) Radar, Radar, FCR, Surface-to-Air, Short-Range, Max range: 22.2 km
- Bass Tilt [Laser Rangefinder] - (Group, 30mm GFCR, Pair of guns) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 9.3 km
- Bass Tilt [TV Camera] - (Group, 30mm GFCR, Pair of guns) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- Head Net C [MR-310U Angara-M] - (Back-to-Back) Radar, Radar, Air Search, 3D Medium-Range, Max range: 185.2 km
- Big Net - (SA-N-1 Search) Radar, Radar, Target Indicator, 2D Surface-to-Air, Max range: 370.4 km
- Bell Squat - (Assoc w Bell Shroud) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Bell Shroud - (Assoc w Bell Squat) ESM, ELINT, Max range: 926 km
- Mare Tail [MG-335M Platina] - (Assoc w Bull Nose (Platina)) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 27.8 km
- Steer Hide [MGK-335M Platina] - (Assoc w Bull Nose) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 74.1 km

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Weapons / Loadouts:

- PK-2 Chaff [TSP-47] - (1970, 140mm) Decoy (Expendable). Surface Max: 1.9 km.
 - PK-2 Flare [TST-47] - (1970, 140mm) Decoy (Expendable). Surface Max: 1.9 km.
 - AK-726 76mm/60 Twin HE Burst [2 rnds] - (Ex-AK-276) Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
 - AK-726 76mm/60 Twin Frag Burst [2 rnds] - (Ex-AK-276) Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
 - RBU-6000 Salvo [12 rnds] - (1961) Rocket. Subsurface Max: 5.6 km.
 - SS-N-2c Improved Styx [P-20] - (1973, P-15M) Guided Weapon. Surface Max: 83.3 km. Land Max: 83.3 km.
 - AK-630 30mm/65 Gatling Burst [400 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 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.
 - SET-65M Enot-2 [NATO ET-80A[76]] - (1973, Ship) Torpedo. Subsurface Max: 7.4 km.
 - Generic Towed Torpedo Decoy - (Soviet/Russian) Decoy (Towed). Surface Max: 1.9 km.
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OVERVIEW: The KASHIN MOD class DDG is a gas turbine-powered, multi-role destroyer.

DETAILS: The KASHIN MOD class DDG was a modified KASHIN class DD with improved electronics and the installation of four rear-firing STYX Surface-to-Surface missiles. The conversions were made between 1973-80. In addition, a variable-depth sonar was added. An additional five hulls were built for export to India, and one hull was given to Poland. One ship, the OTVAZHNYI was lost after an explosion in her aft SA-N-1 SAM magazine on 30 August 1974.

NOTES: Displacement: 3,950 tons standard

Speed: 37-38 knts

Range: 1,500 nm @ 36 knts; 4,000 nm @ 20 knts

Complement: 280-330

In Commission: 1963-2001

Completed: 6

SOURCES: Norman Polmar, "Guide to the Soviet Navy, 3rd ed. (Annapolis, MD: Naval Institute Press, 1983), 160 ; Federation of American Scientists. "Kashin Class - Project 61." Accessed November 17, 2013.

<http://www.fas.org/man/dod-101/sys/ship/row/rus/61.htm> ; Black Sea Fleet: Information Resource, "Large ASW Destroyer "Smetlivy" - Project 61M / Kashin Mod class." Accessed November 17, 2013.

<http://flot.sevastopol.info/eng/ship/largeaswdestroyers/smetlivy.htm>.