

## BPK Kara Mod [Pr.1134BF Berkut B] - 1986 Azov

### Soviet Union [-1991]

Type: DDG - Guided Missile Destroyer

Max Speed: 32 kt

Commissioned: 1986

Decommissioned: 1991

Length: 173.4 m

Beam: 18.5 m

Draft: 5.7 m

Crew: 425

Displacement: 6670 t

Displacement Full: 8530 t

Propulsion: 2x M-5 Gas Turbines, 4x

GTG-12.5A Gas Turbines, COGOG



#### 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
- Side Globes [MP-403 Gorzuff] - (Radome Pair, 1967) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Rum Tub [MP-404] - (Pair, OTH Targeting, Assoc w Side Globes/Bell Nip) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- Bull Nose [MG-332 Titan-2] - (Pair, OTH Targeting, Assoc w Side Globes/Bell Nip) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search, Max range: 5.6 km
- Bell Slam [MPR-12] - (Assoc w Side Globes) ESM, ELINT, Max range: 926 km
- Bell Clout [MRP-11] - (Assoc w Side Globes) ESM, ELINT, Max range: 926 km
- Pop Group [MPZ-301] - (Land Roll) Radar, Radar, FCR, Surface-to-Air, Short-Range, Max range: 44.4 km
- Top Dome [3R41 Volna] - (Land Roll) Radar, Radar, FCR, Surface-to-Air, Medium-Range, Max range: 166.7 km
- Owl Screech [MR-114 Yakhond] - (76mm GFCR) Radar, Radar, FCR, Weapon Director, Max range: 33.3 km
- Head Lights C - (SA-N-3) Radar, Radar Illuminator, Medium-Range, Max range: 74.1 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
- Top Sail [MR-600 Voshkod] - (SA-N-3 Search) Radar, Radar, Air Search, 3D Long-Range, Max range: 370.4 km
- Palm Frond [MR-212 Nayada] - (MR-201 Vay, Rashmi, Pal, Nyada) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- Head Net C [MR-310U Angara-M] - (Back-to-Back) Radar, Radar, Air Search, 2D Medium-Range, Max range: 185.2 km
- Mare Tail [MG-325 Vega] - (Assoc w Bull Nose (Orion) & Bull Nose (Titan-2)) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 14.8 km

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### Weapons / Loadouts:

- SA-N-6a Grumble [5R55RM] - (1980, Fort, S-300F) Guided Weapon. Air Max: 92.6 km. Surface Max: 46.3 km.
  - 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-176 76mm/60 HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
  - AK-176 76mm/60 Frag Burst [2 rnds] - 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: 4.6 km.
  - Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
  - SA-N-4b Gecko [9M33M3] - (1981, 9K33M Osa-2M, SSC) Guided Weapon. Air Max: 14.8 km. Surface Max: 14.8 km.
  - SA-N-3a Goblet [4K60] - (1970, V-611 Shtorm) Guided Weapon. Air Max: 29.6 km. Surface Max: 29.6 km.
  - SS-N-14 Silex [85RU, Dual-Role, UMG-1 Torpedo + 185kg Unitary] - (1985, IR) Guided Weapon. Surface Max: 55.6 km. Subsurface Max: 55.6 km.
  - AK-630 30mm/65 Gatling Burst [400 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
  - BAT-1 Towed Torpedo Decoy - Decoy (Towed). Surface Max: 1.9 km.
  - SET-65M Enot-2 [NATO ET-80A[76]] - (1973, Ship) Torpedo. Subsurface Max: 7.4 km.
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**OVERVIEW:** The KARA class CG is a gas turbine-powered AAW/ASW cruiser.

**DETAILS:** The KARA class CG was an enlarged version of the KRESTA class CG, and was intended to enhance the Soviet navy's ASW capability. It was equipped with improved and enlarged command and control facilities. One vessel, the AZOV was constructed as a trials ship for the SA-N-6 missile system was fitted with the associated Top Dome Radar. During the Cold War she was confined to the Black Sea. One vessel, the KERCH, remains active with the Black Sea Fleet. All other units were decommissioned between 1994-2011. These ships are classified as destroyers by the Russian Navy.

**NOTES:** Displacement: 8,200 tons standard

Speed: 34 knts

Range: 3,000 nm @ 32 knts; 8,800 nm @ 15 knts

Complement: 525 (approx.)

In Commission: 1973-2019

Completed: 7

**SOURCES:** Polmar, Norman, and Siegfried Breyer. Guide to the Soviet Navy. Annapolis, Md: Naval Institute Press, 1983, pg. 137-38 ; "Large ASW Destroyer "Kerch" - Project 1134B / Kara class." Accessed November 17, 2013. <http://flot.sevastopol.info/eng/ship/largeaswdestroyers/kerch.htm>