

## PKR Moskva [Pr.1123 Kondor] - 1970

### Soviet Union [-1991]

Type: CVH - Helicopter Carrier

Max Speed: 28 kt

Commissioned: 1970

Decommissioned: 1991

Length: 189.1 m

Beam: 21.5 m

Draft: 8.1 m

Crew: 850

Displacement: 14950 t

Displacement Full: 17500 t

Propulsion: 4x Boilers, 2x Steam Turbines



#### Sensors / EW:

- Tee Plinth - Visual, Visual, Surveillance TV Camera, Max range: 55.6 km
- Side Globes [MP-403 Gorzuf] - (Radome Pair, 1967) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Horse Jaw [MG-342 Orion] - (Moskva, Kiev, Assoc w Mare Tail (Vega)) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 27.8 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
- 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
- Muff Cobb [Radar] - (Group, 57mm GFCR) Radar, Radar, FCR, Weapon Director, Max range: 22.2 km
- Muff Cobb [TV Camera] - (Group, 57mm GFCR) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- Head Lights A [4R60 Grom] - (SA-N-3) Radar, Radar Illuminator, Medium-Range, 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
- 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

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#### Weapons / Loadouts:

- AK-725 57mm/80 Twin HE Burst [6 rnds] - Gun. Air Max: 2.2 km. Surface Max: 8.3 km. Land Max: 8.3 km.
  - AK-725 57mm/80 Twin Frag Burst [6 rnds] - Gun. Air Max: 2.2 km. Surface Max: 8.3 km. Land Max: 8.3 km.
  - Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
  - FRAS-1 [RPK-1 Vikhr, 5kT Nuclear] - (1969) Guided Weapon. Subsurface Max: 22.2 km.
  - RBU-6000 Salvo [12 rnds] - (1961) Rocket. Subsurface Max: 5.6 km.
  - SA-N-3a Goblet [4K60] - (1970, V-611 Shtorm) Guided Weapon. Air Max: 29.6 km. Surface Max: 29.6 km.
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**OVERVIEW:** The MOSKVA-class antisubmarine cruiser is a 2 shaft steam-powered hybrid helicopter carrier cruiser.

**DETAILS:** These ships were designed to hunt US Navy subs carrying Regulus cruise missiles (and later Polaris SLBMs) in the Mediterranean. Originally twelve were planned, this was later trimmed to three and in the end, only two were built. The design was a contemporary to the Italian Andrea Doria class, with a cruiser hull forward broadening aft into a flight deck for ASW helicopters. The design was approved in 1959; they were the largest ships built in Russia since the Bolshevik revolution. Both ships were homeported at Sevastopol their whole lives.

The main ASW armament was the SUW-N-1 twin launcher, firing the nuclear-tipped FRAS rocket. The Moskvas had a respectable SAM armament, but only two twin 57mm guns (arranged asymmetrically). After the US Navy retired Regulus and upgraded to longer-ranged variants of Polaris, the ships lost their main mission and instead were used as flagships for Black Sea fleet units venturing into the Mediterranean.

The design suffered flaws; the huge "Moose Jaw" sonar dome produced a great deal of drag and caused the ships to trim by the bows, which increased with speed. For this reason, ASW torpedo tubes originally installed in the side embrasures were removed as they were constantly swamped by the bow waves. The propulsion plant was unsatisfactory, suffering a major fire on 2 February 1975 (see below). Amazingly, the Soviets copied the failed design on the later Kiev class with similar difficulties resulting.

By the late 1980s neither ship rarely left the Black Sea. In 1991 SUW-N-1 was deactivated, and both ships were deactivated. Leningrad was stripped of all weapons shortly after, and Moskva reduced to a pierside flagship for her final years.

### Specifications:

Displacement: 14,500 tons standard

Speed: 31 knts

Range: 4,500 nm @ 29 knts; 14,000 nm at 12 knts

Complement: 850 (approx.)

In Commission: 1967-1991

Hulls completed: 2

### NOTES:

**SOURCES:** Polmar, Norman, and Siegfried Breyer. Guide to the Soviet Navy. Annapolis, Md: Naval Institute Press, 1983, 130-31 ; GlobalSecurity.org. "Moskva Class - Project 1123." Accessed December 28, 2013.

<http://www.globalsecurity.org/military/world/russia/1123.htm>.

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