

## BDK Ivan Rogov [Pr.1174 Nosorog] - 1979

### Soviet Union [-1991]

Type: LPD - Amphibious Transport Dock

Vessel

Max Speed: 18 kt

Commissioned: 1979

Length: 157.0 m

Beam: 23.8 m

Draft: 6.7 m

Crew: 250

Displacement: 8260 t

Displacement Full: 14060 t

Propulsion: 2x M-12A Gas Turbines



### Sensors / EW:

- Fly Screen B - (Helicopter Control, TACAN) Radar, Radar, Air Traffic Control (ATC), Max range: 74.1 km
- Pop Group [MPZ-301] - (Land Roll) Radar, Radar, FCR, Surface-to-Air, Short-Range, Max range: 44.4 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
- 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, 3D Medium-Range, Max range: 185.2 km
- Fly Spike - (Back-to-Back) Radar, Radar, Air Traffic Control (ATC), Max range: 74.1 km
- Squeeze Box [TV Camera] - (1979, Group, AK-130 and Shore Bombardment Rocket Director) Visual, Visual, Weapon Director TV Camera, Max range: 148.2 km
- Squeeze Box [IR] - (1979, Group, AK-130 and Shore Bombardment Rocket Director) Infrared, Infrared, Weapon Director Camera, Max range: 148.2 km
- Squeeze Box [Laser Rangefinder] - (1979, Group, AK-130 and Shore Bombardment Rocket Director) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 0 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
- Round House TACAN - (Assoc w Bell Squat) Radar, Radar, Air Traffic Control (ATC), Max range: 74.1 km

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### Weapons / Loadouts:

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- PK-16 Chaff [TSP-60U] - (1971, 82mm) Decoy (Expendable). Surface Max: 1.9 km.
- PK-16 Flare [TST-60U] - (1971, 82mm) Decoy (Expendable). Surface Max: 1.9 km.
- 9M22U [Grad] 122mm Rocket - (BM-21 Grad) Rocket. Surface Max: 22.2 km. Land Max: 22.2 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.
- 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-5 Grail [9M32M] - (9K32M Strela-2M, MANPADS) Guided Weapon. Air Max: 3.7 km.
- AK-630M 30mm/65 Gatling Burst [400 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.

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**OVERVIEW:** The IVAN ROGOV-class (Project 1174 Nosorog) Large Landing Ship is a large, gas-turbine-powered LHD.

**DETAILS:** These were the first Soviet ships to have docking well and helicopter capability. Military materiel is landed via a bow ramp and also via assault boats through the doors of the flooded well. The vessel has both bow ramp and well deck; it may operate as either a LST or as a LPD. A typical load is one battalion of 520 marines and 25 tanks. Up to 53 tanks or 80 armoured personnel carriers may be carried if the well deck is used for ground vehicle parking. The vessel accommodates four helicopters. The helicopter hangar is located within the superstructure and there are landing pads forward and aft of the superstructure. A total of three ships were built. One currently remains in service with the Russian Navy.

**NOTES:** Displacement: 13,000 tons standard

Speed: 23 knts

Range: 8,000 nm @ 20 knts; 12,500 nm @ 14 knts

Complement: 200 crew, 550 troops (approx.)

In Commission: 1978

**SOURCES:** Norman Polmar, "Guide to the Soviet Navy, 3rd ed. (Annapolis, MD: Naval Institute Press, 1983), 220 ;