BPK Udaloy I [Pr.1155 Fregat] - 1990

Soviet Union [-1991]



Type: DDG - Guided Missile Destroyer
Max Speed: 35 kt
Commissioned: 1990
Decommissioned: 1991
Length: 163.0 m
Beam: 19.0 m
Draft: 5.2 m
Crew: 293
Displacement: 6840 t
Displacement Full: 7570 t
Propulsion: 2x M-9 Gas Turbines, 4x M-8KF Gas Turbines, COGAG

Sensors / EW:
- Half Cup - Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km
- Fly Screen B - (Helicopter Control, TACAN) Radar, Radar, Air Traffic Control (ATC), Max range: 74.1 km
- Wine Glass [MP-407] - (Ex-Football B, Assoc w Half Hat or Bell Bash) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Horse Jaw [Polinom] - (1987, Assoc w Horse Tail) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- Eye Bowl [Sprut] - (SS-N-14) Radar, Radar, FCR, Surface-to-Surface, Max range: 22.2 km
- Kite Screech A [Radar] - (Group, AK-100 GFCR, Udaloy) Radar, Radar, FCR, Weapon Director, Max range: 74.1 km
- Kite Screech A [TV Camera] - (Group, AK-100 GFCR, Udaloy) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- Cross Swords [Radar] - (Group) Radar, Radar, FCR, Surface-to-Air, Short-Range, Max range: 22.2 km
- Cross Swords [TV Camera] - (Group) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 148.2 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 Plate [MR-710 Fregat] - (Group, 30mm GFCR, Pair of guns) Radar, Radar, Air & Surface Search, 3D Long-Range, Max range: 296.3 km
- Palm Frond [MR-212 Nayada] - (MR-201 Vay, Rashmi, Pal, Nyada) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- Horse Tail [Polinom] - (MR-201 Vay, Rashmi, Pal, Nyada) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 74.1 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
- MR-350 Podkat - (Low-Alt SSM Warning) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 33.3 km

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Weapons / Loadouts:
- PK-10 Chaff [SR-50] - (1990, 120mm) Decoy (Expendable). Surface Max: 1.9 km.
- PK-10 Flare [SO-50] - (1990, 120mm) Decoy (Expendable). Surface Max: 1.9 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.
- RBU-6000 Salvo [12 rnds] - (1961) Rocket. Subsurface Max: 5.6 km.
- SS-N-14 Silex [85RU, Dual-Role, UMGT-1 Torpedo + 185kg Unitary] - (1985, IR) Guided Weapon. Surface Max: 55.6 km. Subsurface Max: 55.6 km.
- SA-N-9 Gauntlet [9M330-2 Kinzhal] - Guided Weapon. Air Max: 16.7 km. Surface Max: 16.7 km.
- AK-100 100mm/70 HE - Gun. Surface Max: 9.3 km. Land Max: 9.3 km.
- AK-100 100mm/70 Frag - (Anti-Aircraft) Gun. Air Max: 2.8 km. Surface Max: 9.3 km. Land Max: 9.3 km.
- AK-630M 30mm/65 Gatling Burst [400 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
- SET-65M Enot-2 [NATO ET-80A[76]] - (1973, Ship) Torpedo. Subsurface Max: 7.4 km.

OVERVIEW: The UDALOY I DDG is a large, gas-turbine powered ASW destroyer.

DETAILS: Designed primarily as an anti-submarine warfare platform, with a long cruising range and underway replenishment capabilities, the Udaloy class ships provide support to surface task forces. The UDALOY complements the Sovremenny class destroyers. A total of twelve ships were built.

NOTES: Displacement: 6700 tons standard
Speed: 33-35 knts
Range: 2400 nm @ 32 knts; 10500 nm at 14 knts
Complement: 300 (approx.)

SOURCES: Polmar, Norman, and Siegfried Breyer. Guide to the Soviet Navy. Annapolis, Md: Naval Institute Press, 1983, pg. 155-56 ; Federation of American Scientists. "Udaloy Class - Project 1155." Accessed November 12, 2013. http://www.fas.org/man/dod-101/sys/ship/row/rus/1155_1.htm