

## D 51 Rajput [Pr.61ME Kashin II] - 2011 BrahMos + Barak, INS Ranvir + INS Ranvijay

### India

Type: DDG - Guided Missile Destroyer

Max Speed: 35 kt

Commissioned: 2011

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:

- Humsa-NG - (India, BEL) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 14.8 km
- Don Kay [Volga] - (India, BEL) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- Watch Dog B [Bizan] - (Jug Pair, adds omni) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Top Hat A [Krab-11] - (Anti-Surface) ECM, OECM, Offensive ECM, Max range: 0 km
- Top Hat B [Krab-12] - (Anti-Air) ECM, OECM, Offensive ECM, Max range: 0 km
- Bell Slam [MPR-12] - (Assoc w Side Globes) ESM, ELINT, Max range: 926 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
- LW.08 - (RAWL-2, LAR-2, Type 1022, SPQ-502) Radar, Radar, Air Search, 2D Long-Range, Max range: 333.4 km
- EL/M-2238S 3D-STAR - (Large Antenna) Radar, Radar, Air Search, 3D Long-Range, Max range: 351.9 km
- EL/M-2221-GM STGR - (Barak FCR) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 111.1 km

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#### Weapons / Loadouts:

- 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.
- 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.
- 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.

## **D 51 Rajput [Pr.61ME Kashin II] - 2011 BrahMos + Barak, INS Ranvir + INS Ranvijay**

- 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.
- AK-630 30mm/65 Gatling Burst [400 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
- PJ-10 BrahMos - (2009, Yakhont, SSM) Guided Weapon. Surface Max: 296.3 km.
- SET-65KE - (2008, Ship) Torpedo. Subsurface Max: 7.4 km.
- SS-N-2d Improved Styx [P-21] - (P-20M) Guided Weapon. Surface Max: 83.3 km. Land Max: 83.3 km.
- Barak 1 - (1997) Guided Weapon. Air Max: 11.1 km.