

## F 33 Nilgiri [Type 12I Leander Class] - 1990

### India

Type: FF - Frigate

Max Speed: 28 kt

Commissioned: 1990

Decommissioned: 2006

Length: 109.7 m

Beam: 12.5 m

Draft: 4.2 m

Crew: 250

Displacement: 2500 t

Displacement Full: 2960 t

Propulsion: 2x Babcock & Wilcox Boilers, 2x  
Steam Turbines



#### Sensors / EW:

- CA/SQS-505(V)2 [SQA-502 Hoist] - VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 29.6 km
- M.45 - (GFC3, M40) Radar, Radar, FCR, Weapon Director, Max range: 29.6 km
- ZW.06 - (1972, PIN 515) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- CA/SQS-505(V)1 - (Limbo Director) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Mortar Fire Control, Max range: 29.6 km
- INS-3 - (SLQ-747, Ajanta) ESM, ELINT, Max range: 926 km
- TQN-2 - (INS-3 Jammer/SLQ-747) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- LW.04 - (INS-3 Jammer/SLQ-747) Radar, Radar, Air Search, 2D Medium-Range, Max range: 222.2 km
- LW.05 - (INS-3 Jammer/SLQ-747) Radar, Radar, Air Search, 2D Medium-Range, Max range: 259.3 km
- Type 162M Cockshafar - (INS-3 Jammer/SLQ-747) Hull Sonar, Active-Only, Hull Sonar, Active-Only Bottom Profiler, Max range: 1.3 km

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#### Weapons / Loadouts:

- Corvus Chaff [Seduction] - (102mm) Decoy (Expendable). Surface Max: 1.9 km.
- Corvus Chaff [Distraction] - (102mm) Decoy (Expendable). Surface Max: 1.9 km.
- Mk10 Limbo ASW Mortar Salvo [3 rnds] - Gun. Subsurface Max: 0.9 km.
- AK-230 30mm/65 Twin Burst [50 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
- 20mm/70 Oerlikon Mk7 Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land Max: 1.9 km.
- A.244S - (1986, NST58) Torpedo. Subsurface Max: 5.6 km.
- G738 [Type 182] Towed Torpedo Decoy - Decoy (Towed). Surface Max: 1.9 km.
- 114mm/45 Mk6 Twin HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 18.5 km. Land Max: 18.5 km.