DD 101 Murasame - 1996

Japan

Type: DDG - Guided Missile Destroyer

Max Speed: 32 kt

Commissioned: 1996

Length: 151.0 m

Beam: 17.4 m

Draft: 5.2 m

Crew: 170

Displacement: 4400 t

Displacement Full: 5100 t

Propulsion: 2x Kawasaki-Rolls-Royce Spey SM-1C Cruise Gas Turbines, 2x General Electric-IHI LM-2500 Boost Gas Turbines, COGAG

Sensors / EW:
- J/OPS-20 - Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- J/OPS-24 - Radar, Radar, Air Search, 3D Long-Range, Max range: 444.5 km
- J/OPS-28C - (1983) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 203.7 km
- J/OQR-2 TACTASS [AN/SQR-19A(V)] - (1983) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 129.6 km
- J/FCS-2-31 - (Missile + Gun FCR) Radar, Radar Illuminator, Medium-Range, Max range: 46.3 km
- J/OQS-5 - (Missile + Gun FCR) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- J/NOLQ-3 [ECM] - (Murasame) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- J/NOLQ-3 [ESM] - (Murasame, Separate ESM Antenna) ESM, ELINT w/ OTH Targeting, Max range: 926 km

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Weapons / Loadouts:
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- 20mm/85 Mk15 Phalanx Blk 1 Burst [300 rnds] - Gun. Air Max: 1.5 km.
- 76mm/62 Compact HE Burst [4 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- Mk182 SRBOC Chaff [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
- Mk186 TORCH Flare [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
- Type 1 Electric Jammer - (1995, Japan) Decoy (Expendable). Surface Max: 1.9 km.
- SSM-1B [Type 90] - (Japan, 1992, Shipborne) Guided Weapon. Surface Max: 148.2 km.
- RGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 km.
- RUM-139A VLA [Mk46 Mod 5] - (1993) Guided Weapon. Subsurface Max: 16.7 km.
- RIM-7M Sea Sparrow - (1985) Guided Weapon. Air Max: 25.9 km. Surface Max: 25.9 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.