DDG 177 Atago [Improved Kongo] - 2019 BMD, SM-3 NTW Blk IIA/IB

Japan

Type: DDG - Guided Missile Destroyer

Max Speed: 33 kt

Commissioned: 2019

Length: 165.0 m

Beam: 21.0 m

Draft: 6.2 m

Crew: 310

Displacement: 7750 t

Displacement Full: 10000 t

Propulsion: 4x General Electric-IHI LM-2500

Gas Turbines, COGAG

Sensors / EW:

- AN/SPY-1D(V) MFR [ABM Mod] - Radar, Radar, FCR, Surface-to-Air, Long-Range, Max range: 324.1 km
- J/OPS-20 - Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- J/NOLQ-2 [ECM] - (Kongo) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- J/NOLQ-2 [ESM] - (Kongo, Separate ESM Antenna) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- AN/SPQ-9B - (2001) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 46.3 km
- AN/SQR-20 MFTA - (2001) TASS, Active/Passive Towed Array Sonar System, TASS, Active/Passive Towed Array Sonar System, Max range: 129.6 km
- AN/SQS-53C(V)1 - (2001) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- AN/SPG-62 [Mk99 FCS, ABM Mod] - (2001) Radar, Radar Illuminator, Long-Range, Max range: 305.6 km
- Mk46 Mod 1 [CCD] - (Group, 2001, DDG 51) Visual, LLTV, Weapon Director & Target Search, Slaved Tracking and Identification, Max range: 185.2 km
- Mk46 Mod 1 NightConqueror [IR] - (Group, 2001, DDG 51) Infrared, Infrared, Weapon Director & Target Search, Slaved Tracking and Identification Camera, Max range: 185.2 km
- Mk46 Mod 1 [Laser Rangefinder] - (Group, 2001, DDG 51) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 0 km

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Weapons / Loadouts:

- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- 20mm/100 Mk15 Phalanx Blk 1B Burst [300 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km.
- 127mm/62 Mk179 HE-ET [Mk41 HiFrag Body, Mk432 Fuse] - (2006, Close-In ASuW, Electronic Time) Gun. Surface Max: 20.4 km. Land Max: 20.4 km.
- 127mm/62 Mk176 Illum-ET [Cargo Body, Mk432 Fuse] - (2006) Gun. Surface Max: 22.2 km. Land Max: 24.1 km.
- 127mm/62 Mk182 KE-ET [Cargo Body, Mk432 Fuse, Shotgun Shell] - (2006, Electronic Time) Gun. Surface Max: 22.2 km. Land Max: 24.1 km.

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- 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.
- RIM-66M-5 SM-2MR Blk IIIB - (2000, AEGIS VLS) Guided Weapon. Air Max: 166.7 km. Surface Max: 46.3 km.
- RIM-161E SM-3 NTW Blk IIA - (2018) Guided Weapon. Air Max: 2453.9 km.
- RIM-161C SM-3 NTW Blk IB - (2014) Guided Weapon. Air Max: 370.4 km.
- RUM-139A VLA [Mk46 Mod 5] - (1993) Guided Weapon. Subsurface Max: 16.7 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.