DDH 143 Shirane - 1990

Japan

Type: DDH - Helicopter Destroyer

Max Speed: 32 kt

Commissioned: 1990

Length: 158.8 m

Beam: 17.5 m

Draft: 5.3 m

Crew: 360

Displacement: 5200 t

Displacement Full: 6800 t

Propulsion: 2x Boilers, 2x General Electric-Ishikawajima Steam Turbines

Sensors / EW:
- AN/SQS-35(J) - (For Japan) VDS, Active Only Sonar, VDS, Active-Only Variable Depth Sonar, Max range: 11.1 km
- J/OLR-9B - (For Japan) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- WM.25 - (Low-Level AD, Missile FCS) Radar, Radar Illuminator, Long-Range, Max range: 118.5 km
- J/NOLQ-1 [ECM] - (1981, OLT-2) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- J/NOLQ-1 [ESM] - (1981, Separate ESM Antenna) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- J/OPS-12 - (NPG-880) Radar, Radar, Air Search, 3D Long-Range, Max range: 444.5 km
- J/OPS-18A - (NPG-880) Radar, Radar, Surface Search, Short-Range, Max range: 74.1 km
- J/OPS-28C - (1983) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 203.7 km
- J/OQS-101 - (AN/SQS-53A Equivalent) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- J/FCS-1A [Radar] - (Group, Type 72, 127mm gun) Radar, Radar, FCR, Weapon Director, Max range: 27.8 km
- J/FCS-1A [TV Camera] - (Group, Type 72, 127mm gun) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- AN/SQR-18A - (1980, SQS-35 VDS Fish, EDO 950) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 74.1 km

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Weapons / Loadouts:
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- 20mm/85 Mk15 Phalanx Blk 0 Burst [200 rnds] - Gun. Air Max: 1.5 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.
- 127mm/54 HE-CVT [HiFrag] - (USN) Gun. Air Max: 2.8 km. Surface Max: 20.4 km. Land Max: 20.4 km.
- 127mm/54 HE-PD [HiCap] - (USN) Gun. Air Max: 2.8 km. Surface Max: 20.4 km. Land Max: 20.4 km.
- RIM-7J Sea Sparrow - (Japan, 1984, RIM-7F) Guided Weapon. Air Max: 25.9 km. Surface Max: 25.9 km.
- RUR-5A Mod 4 ASROC RTT [Mk46 Mod 5] - Guided Weapon. Subsurface Max: 18.5 km.

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