

DDG 991 Sejong Daewang [KDX-3] - 2012 K-ASROC

South Korea

Type: DDG - Guided Missile Destroyer

Max Speed: 33 kt

Commissioned: 2012

Length: 165.9 m

Beam: 21.4 m

Draft: 6.25 m

Crew: 300

Displacement: 8500 t

Displacement Full: 11000 t

Propulsion: 4x General Electric 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
- AN/SLQ-32(V)3 [ECM] - (Group, 1983) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- AN/SLQ-32(V)3 [ESM] - (Group, 1983) ESM, ELINT, Max range: 926 km
- AN/SPG-62 [Mk99 FCS, ABM Mod] - (Group, 1983) Radar, Radar Illuminator, Long-Range, Max range: 305.6 km
- AN/SPS-67(V)1 - (1982) Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- DSQS-23B [CSU 90] - (1982) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 44.4 km
- DSQS-21BZ-M [CSU 83] - (FF/DD) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- AN/SPS-64(V)9 [RM 1220 6X] - (20kW, USN, 1x antenna) Radar, Radar, Surface Search & Navigation, Max range: 37 km
- VAMPIR-MB [CCD] - (Group, 1996, Detector) Visual, LLTV, Target Search, Slaved Tracking and Identification, Max range: 148.2 km
- VAMPIR-MB [IR] - (Group, 1996, Detector) Infrared, Infrared, Target Search, Slaved Tracking and Identification Camera, Max range: 148.2 km
- VAMPIR-MB [Laser Rangefinder] - (Group, 1996, Detector) Laser Rangefinder, Laser Rangefinder, Max range: 0 km
- SQR-220K TASS - (South Korea) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 129.6 km

Weapons / Loadouts:

- DAGAIE Mk2 LIR Flare - Decoy (Expendable). Surface Max: 1.9 km.
- DAGAIE Mk2 LEM Chaff - Decoy (Expendable). Surface Max: 1.9 km.
- 30mm Goalkeeper Burst [240 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
- 127mm/62 HE-CVT [HiFrag] - Gun. Air Max: 2.8 km. Surface Max: 22.2 km. Land Max: 24.1 km.
- 127mm/62 HE-PD [HiCap] - Gun. Air Max: 2.8 km. Surface Max: 22.2 km. Land Max: 24.1 km.

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- 127mm/62 WP - Gun. Surface Max: 22.2 km. Land Max: 24.1 km.
- K-ASROC Hong Sang Eo [K-745 Blue Shark] - (2011, South Korea) Guided Weapon. Subsurface Max: 16.7 km.
- K-745 Blue Shark [Chung Sang Eo] - (South Korea, 2008, ASW, Chung Sang Eo) Torpedo. Subsurface Max: 5.6 km.
- SSM-700K Hae Sung I - (2007, South Korea) Guided Weapon. Surface Max: 148.2 km.
- RIM-66M-2 SM-2MR Blk IIIA - (AEGIS VLS) Guided Weapon. Air Max: 92.6 km. Surface Max: 46.3 km.
- RIM-162A ESSM - (2004, AEGIS, Mk41) Guided Weapon. Air Max: 55.6 km. Surface Max: 46.3 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.
- RIM-116B RAM Blk I - (2001) Guided Weapon. Air Max: 11.1 km.