CGN 38 Virginia - 1989

United States



Type: CGN - Nuclear Powered Guided Missile Cruiser
Max Speed: 36 kt
Commissioned: 1989
Length: 178.0 m
Beam: 19.2 m
Draft: 9.6 m
Crew: 554
Displacement: 10000 t
Displacement Full: 11300 t
Propulsion: 2x D2G Nuclear Reactors

Sensors / EW:
- AN/SSQ-72(V)1 Classic Outboard - ESM, HF/DF w/ OTH Targeting, Max range: 926 km
- AN/SPS-48C - (1978) Radar, Radar, Air Search, 3D Long-Range, Max range: 407.4 km
- LN-66LP - (AN/SPS-59, 10kW) Radar, Radar, Surface Search, Short-Range, Max range: 59.3 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/SPQ-9 [Mk86 GFCS] - (Group, 1983) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 37 km
- AN/SPS-55 - (Group, 1983) Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- AN/SQS-53A - (1976) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- AN/SPS-40B - (1976) Radar, Radar, Air Search, 2D Long-Range, Max range: 407.4 km
- AN/SPG-60 STIR [Mk86 GFCS, Radar] - (Gun-Only) Radar, Radar, FCR, Weapon Director, Max range: 88.9 km
- Mk1 Mod 2 ROS - (Gun-Only) Visual, LLTV, Weapon Director & Target Search, Slaved Tracking and Identification, Max range: 185.2 km
- AN/SPG-51D [Mk74 Mod 13 FC, Radar] - (Group, Missile) Radar, Radar, FCR, Surface-to-Air, Medium-Range, Max range: 185.2 km
- AN/SPG-51D [Mk74 Mod 13 FC, LLTV] - (Group, Missile) Visual, LLTV, Target Tracking and Identification, Max range: 185.2 km

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Weapons / Loadouts:
- T Mk 6 Fanfare - Decoy (Towed). Surface Max: 1.9 km.
- RGM-84C Harpoon IB - (1983) Guided Weapon. Surface Max: 120.4 km.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- Mk46 LWT Mod 2 - (1972) Torpedo. Subsurface Max: 5.6 km.
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
- RUR-5A Mod 4 ASROC RTT [Mk46 Mod 2] - Guided Weapon. Subsurface Max: 18.5 km.

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- RUR-5A Mod 4 ASROC RTT [Mk46 Mod 5] - Guided Weapon. Subsurface Max: 18.5 km.
- RIM-66D SM-2MR Blk I - (1981, Tartar RL, Interim, No Datalink) Guided Weapon. Air Max: 74.1 km. Surface Max: 46.3 km.
- FIM-92B Stinger POST - (1988, MANPADS) Guided Weapon. Air Max: 5.6 km.
- 20mm/85 Mk15 Phalanx Blk 0 Burst [200 rnds] - Gun. Air Max: 1.5 km.
- 12.7mm/50 MG Burst [10 rnds] - (Facility/Ship, No Anti-Air Capability) Gun. Surface Max: 1.9 km. Land Max: 1.9 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.
- 127mm/54 WP - (USN) Gun. Surface Max: 20.4 km. Land Max: 20.4 km.
- RGM-109A Tomahawk TLAM-N [W80-0 200kT Nuclear] - (1985-2013) Guided Weapon. Land Max: 2500.2 km.
- RGM-109B Tomahawk TASM - (1985-1991, ASM) Guided Weapon. Surface Max: 401.9 km.
- RGM-109C Tomahawk Blk II TLAM-C - (1987-1998) Guided Weapon. Land Max: 1666.8 km.
- RGM-109D Tomahawk Blk II TLAM-D - (1989-1998) Guided Weapon. Land Max: 2500.2 km.