

## FFG 62 Constellation - 2026 FREMM-based FFG(X)

### United States

Type: FFG - Guided Missile Frigate

Max Speed: 28 kt

Commissioned: 2026

Length: 142.0 m

Beam: 19.7 m

Draft: 5.0 m

Crew: 145

Displacement: 5000 t

Displacement Full: 6000 t

Propulsion: 2x General Electric LM-2500 Gas

Turbines, COGAG

### Sensors / EW:

- AN/SPY-6 EASR - (AESA) Radar, Radar, Air & Surface Search, 3D Long-Range, Max range: 463 km
- AN/SPS-73(V)18 NGSSR - (AESA) Radar, Radar, Surface Search & Navigation, Max range: 177.8 km
- AN/SLQ-32(V)6 [ECM] - (Group, 2015) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- AN/SLQ-32(V)6 [ESM] - (Group, 2015) ESM, ELINT, Max range: 926 km
- AN/SQS-62 Hull - (Modular Multistatic Variable Depth Sonar System) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- Mk20 Mod 0 DIS [CCD] - (Group, 2010, CG 47, CMPGroup, 2026, FFG 62) Visual, LLTV, Weapon Director & Target Search, Slaved Tracking and Identification, Max range: 185.2 km
- Mk20 Mod 0 ELRF [Laser Rangefinder] - (Group, 2010, CG 47, CMPGroup, 2026, FFG 62) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 0 km
- Mk20 Mod 0 TIS [IR] - (Group, 2010, CG 47, CMPGroup, 2026, FFG 62) Infrared, Infrared, Weapon Director & Target Search, Slaved Tracking and Identification Camera, Max range: 185.2 km
- TB-37/U MFTA [AN/SQR-20] - (Group, 2010, CG 47, CMPGroup, 2026, FFG 62) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 129.6 km
- AN/SQS-62 VDS - (FFG(X), LF) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 44.4 km

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### Weapons / Loadouts:

- Mk234 Nulka - (2002) Decoy (Expendable). Surface Max: 1.9 km.
- Mk216 Sea Gnat Chaff [Distraction] - (1988) Decoy (Expendable). Surface Max: 1.9 km.
- Mk245 GIANT Flare - (1997, DM19A1) Decoy (Expendable). Surface Max: 1.9 km.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.
- AN/SLQ-61 - (LWT Torpedo Defense Mission Module) Decoy (Towed). Surface Max: 1.9 km.
- 57mm/70 Bofors Mk3 GP Burst [4 rnds] - Gun. Air Max: 2.2 km. Surface Max: 9.3 km. Land Max: 9.3 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.

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km.

- RGM-109C Tomahawk Blk III TLAM-C - (1994) Guided Weapon. Land Max: 1852 km.
- RGM-109E Tomahawk Blk IV TACTOM - (2005) Guided Weapon. Land Max: 2963.2 km.
- RGM-109D Tomahawk Blk III TLAM-D - (1996) Guided Weapon. Land Max: 926 km.
- RGM-109I Tomahawk Blk IV MMT [Multi-Mission] - (2015, ASuW Capable) Guided Weapon. Surface Max: 2963.2 km. Land Max: 2963.2 km.
- RIM-162E ESSM Blk II - (2021, AEGIS, Mk41) Guided Weapon. Air Max: 55.6 km. Surface Max: 46.3 km.
- RIM-174A ERAM SM-6 Blk IA - (2017, ABM, Anti-Surface) Guided Weapon. Air Max: 240.8 km. Surface Max: 240.8 km.
- RIM-174A ERAM SM-6 Dual I - (2017, ABM, Anti-ASBM) Guided Weapon. Air Max: 240.8 km.
- RIM-66M-2 SM-2MR Blk IIIA - (AEGIS VLS) Guided Weapon. Air Max: 92.6 km. Surface Max: 46.3 km.
- RIM-66M-5 SM-2MR Blk IIIB - (2000, AEGIS VLS) Guided Weapon. Air Max: 166.7 km. Surface Max: 46.3 km.
- RIM-66M-6 SM-2MR Blk IIIC - (2022, ARH Seeker, AEGIS VLS) Guided Weapon. Air Max: 166.7 km. Surface Max: 166.7 km.
- RUM-139C VLA [Mk54] - (2008) Guided Weapon. Subsurface Max: 16.7 km.
- RGM-184A NSM Block 1 - ([Naval Strike Missile] 2013) Guided Weapon. Surface Max: 185.2 km. Land Max: 185.2 km.
- ADC Mk2 Mod 5 Torpedo Decoy - (2009, 3-inch, Surface Launched) Decoy (Expendable). Subsurface Max: 1.9 km.
- Mk46 NEARTIP Mod 5A(SW) - (1997) Torpedo. Subsurface Max: 7.4 km.
- Mk50 Barracuda Mod 0 ALWT - (1991) Torpedo. Subsurface Max: 7.4 km.
- Mk54 LHT Mod 0 - (2004) Torpedo. Subsurface Max: 7.4 km.
- RIM-116C RAM Blk II - (2015) Guided Weapon. Air Max: 18.5 km. Surface Max: 18.5 km.