BB 61 Iowa [Phase II] - 1989 Interdiction/Assault Ship Concept, Martin Marrietta

United States

Type: BB - Battleship

Max Speed: 32 kt

Commissioned: 1989

Length: 271.0 m

Beam: 33.0 m

Draft: 11.0 m

Crew: 1561

Displacement: 52000 t

Displacement Full: 57000 t

Propulsion: 8x Babcock & Wilcox Boilers, 4x General Electric Steam Turbines

Sensors / EW:
- LN-66LP - (AN/SPS-59, 10kW) Radar, Radar, Surface Search, Short-Range, Max range: 59.3 km
- Mk13 - (Mk38 GFCS) Radar, Radar, FCR, Surface-to-Surface, Max range: 37 km
- Mk25 - (Mk37 GFCS) Radar, Radar, FCR, Weapon Director, Max range: 18.5 km
- AN/SPG-53E [Mk68 GFCS, Radar] - (Iowa) Radar, Radar, FCR, Weapon Director, Max range: 111.1 km
- AN/SPG-53E [Mk68 GFCS, Visual] - (Iowa) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- AN/SPG-62 [Mk99 FCS] - (Iowa) Radar, Radar Illuminator, Long-Range, Max range: 305.6 km
- AN/SPS-49(V)5 NTU - (Iowa) Radar, Radar, Air Search, 2D Long-Range, Max range: 463 km
- AN/SPS-67(V)1 - (1982) Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- AN/SPQ-9 [Mk86 GFCS] - (1982) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 37 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

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Weapons / Loadouts:
- 406mm/50 Triple HiCap Salvo [3 rnds] - Gun. Surface Max: 22.2 km. Land Max: 38.9 km.
- 406mm/50 Triple AP Salvo [3 rnds] - Gun. Surface Max: 22.2 km. Land Max: 38.9 km.
- 127mm/38 Twin AA-VT Burst [Anti-Aircraft Common, 2 rnds] - (USN, Anti-Aircraft Frag) Gun. Air Max: 2.8 km. Surface Max: 16.7 km. Land Max: 16.7 km.
- 127mm/38 Twin HE-PD Burst [HiCap, 2 rnds] - (USN) Gun. Air Max: 2.8 km. Surface Max: 16.7 km. Land Max: 16.7 km.
- 20mm/85 Mk15 Phalanx Blk 1 Burst [300 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.
- RIM-66H SM-2MR Blk II - (1985, AEGIS VLS) Guided Weapon. Air Max: 92.6 km. Surface Max: 46.3 km.
- RGM-109D Tomahawk Blk II TLAM-D - (1989-1998) Guided Weapon. Land Max: 2500.2 km.

- RGM-109C Tomahawk Blk II TLAM-C - (1987-1998) Guided Weapon. Land Max: 1666.8 km.
- RGM-109B Tomahawk TASM - (1985-1991, ASM) Guided Weapon. Surface Max: 401.9 km.
- RGM-109A Tomahawk TLAM-N [W80-0 200kT Nuclear] - (1985-2013) Guided Weapon. Land Max: 2500.2 km.
- MGM-140A ATACMS Blk I [950 x M74 Dual Purpose] - (1991, M39) Guided Weapon. Land Max: 166.7 km.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.
- Mk216 Sea Gnat Chaff [Distraction] - (1988) Decoy (Expendable). Surface Max: 1.9 km.
- Mk186 TORCH Flare [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.