



USS GONZALEZ (DDG 66)

Guided Missile Destroyer

Homeport: Norfolk, Virginia

www.gonzalez.navy.mil



Gonzalez exists to win the next war at sea. Gonzalez will operate offensively and defensively in carrier battle groups, surface action groups, replenishment groups, and amphibious task groups in a multi-threat environment including air, surface, and subsurface threats. This AEGIS destroyer has been designed to fight anytime, anywhere, against all threats. Gonzalez preserves the peace through sea power.

The Arleigh Burke class ships are specifically constructed from a survivability –enhanced design that affords passive protection to personnel and vital systems. This design provides protection against underwater shock, nuclear air blasts, fragmental incursions into vital spaces, radar detection, electronic countermeasures, gun and missile attacks, and a Chemical, Biological and Radiological (CBR) attack. A comprehensive collective protection system guards against nuclear, biological, and radiological agents. The ship's damage control features and constructional design make the Arleigh Burke class destroyer the most "survivable" surface ship in the world.

Gonzalez is equipped with the world's most sophisticated weapon system. She has an AN/SPY-1D phased array radar, which incorporates significant advances in the detection capabilities of the AEGIS Weapons System, particularly in its resistance to enemy electronic countermeasures (ECM). Using the SPY-1D and her MK 99 Fire Control System, Gonzalez can guide her vertically launched Standard Missiles to intercept hostile aircraft and missiles at extended ranges. To provide point defense against hostile air and surface targets, Gonzalez is equipped with the Block 1B upgrade to the Phalanx Close In Weapons System (CIWS).

Gonzalez is also equipped with the Navy's latest Anti-Submarine Warfare (ASUW) Combat Systems. Land attack cruise missile capability is provided by Tomahawk missiles, which are launched from her MK 41 Vertical Launching System (VLS). Her shorter range Harpoon anti-ship cruise missiles have a range in excess of 65 nautical miles. The 5"/54 caliber gun, in conjunction with the MK 34 Gun Weapon System, is an anti-ship weapon which can also be used for close-in air contacts or to support forces ashore with Naval Gunfire Support (NFGS).

SHIP'S SPECIFICATIONS:

GENERAL

Length - 505.6 feet
Beam (Maximum)- 66.6 feet
Speed: 30+ knots
Draft (Navigational)- 20.10 feet
Displacement- 8,580 tons full load
Complement- 23 Officer/315 Enlisted

ENGINEERING

Propulsion: Allison 2500 KW Gas Turbine
Generators, 2 Shafts w/Controllable
Reversible Pitch Screws, 2 Rudders
Electrical:
Services:

SENSORS

AN/SPY-1D 3-D Search/Track Radar
AN/SPS-67(V) Surface Search Radar
AN/SPS-73(V)12 Surface Search Radar
AN/SQS-53C(V) Hull Mounted Radar
AN/SQS-19(V) Tactical Towed Array Sonar
AN/SQQ-28(V) LAMPS III Shipboard
Electronics ESM/ECM
AN/SLQ-32B(V2)
AN/SLQ-25A NIXIE Torpedo
Countermeasures
MK53 MOD 5 NULKA Decoy Launching
System

WEAPONS

MK 45 MOD 25"/54 caliber Gun Mount
2 MK 41 Vertical Launching System
2 Harpoon Anti-ship Missile Quad Canisters
MK 15 Block 1 Close-in-Weapons Systems
MK 15 Block 1B Close-in-Weapons Systems
2MK 32 MOD 14 Triple Torpedo Tubes

AIRCRAFT