



## USS STOUT (DDG 55)

Guided Missile Destroyer

Homeport: Norfolk, Virginia

[www.stout.navy.mil](http://www.stout.navy.mil)

USS STOUT (DDG 55), commanded by Commander Thomas K. Kiss from Rockville, MD is the sixth ARLEIGH BURKE class guided missile destroyer. STOUT is the first U.S. Navy ship named in honor of Rear Admiral Herald F. Stout, U.S. Navy (1903-1987), who was awarded two Navy Crosses for heroism while in command of the destroyer USS CLAXTON (DD 571) during World War Two.

The mission of USS STOUT (DDG 55) is to operate offensively in a high density, multi-threat environment as an integral member of a Carrier Strike Group, Expeditionary Strike Group, Surface Action Group, or Joint Task Group. The mission includes performing offensive strike warfare functions against both inland targets beyond hostile shorelines and enemy naval forces through the use of Tomahawk and Harpoon cruise missiles, as well as defense of US forces from attack by enemy air, surface, and sub-surface units.

STOUT matches maximum survivability with potent offensive capability. In the AEGIS Destroyer Program, the Navy returned to all-steel construction and extensive topside armor. A comprehensive collective protection system guards against nuclear, chemical, and/or biological agents. Vital systems are hardened against damage. Acoustic, infrared, and radar signatures have been reduced. State of the art propulsion and damage control systems are managed by a data multiplexing system. Propelled by powerful gas turbine jet engines to speeds in excess of 30 knots, STOUT is a formidable presence in defense of United States interests.

In addition to the ship's own self-defense capabilities in Air Warfare (AW), Undersea Warfare (USW), Surface Warfare (SUW), STOUT can effectively provide local area protection to the battle group, surface action group, and other ships. STOUT is equipped with the world's most sophisticated weapon system. She has the 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 Counter-Measures (ECM). Using the SPY-1D and the MK 99 Fire Control System, STOUT can guide vertically-launched Standard Missiles to intercept hostile aircraft and missiles at extended ranges. To provide point defense against hostile air targets, STOUT is equipped with the Block 1 upgrade to the Phalanx Close-In-Weapons System (CIWS). STOUT also has shorter range Harpoon Anti-Ship Cruise Missiles, with a range in excess of 65 nautical miles, which are fired from two MK 141 quad launchers.

STOUT is also equipped with the Navy's latest SUW Combat Systems. Land attack cruise missile capability is provided by Tomahawk Missiles, which are launched from the ship's Mark 41 Vertical Launching System (VLS). STOUT also has shorter range Harpoon Anti-Ship Cruise Missiles have a range in excess of 65 nautical miles which are fired from stand-alone launchers. The 5"/54 Caliber Gun, in conjunction with the Mark 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 Surface-Fire Support (NSFS).

### SHIP'S SPECIFICATIONS:

#### GENERAL

Length - 505 feet  
Beam (Maximum)- 66 feet  
Speed: 30+ knots  
Draft (Navigational)- 32 feet  
Displacement- 8,300 tons full load  
Complement- 23 Officers/ 250 Enlisted

#### ENGINEERING

Propulsion: 4 LM2500 Marine Gas Turbine Engines, 100,000 Shaft Horsepower  
Electrical: 3 Allison 501K34 Model 9140 Gas Turbine Generators (2500KW each)  
Services: 4 Air Conditioning Plants, 2 Reverse Osmosis Water Desalination Units (12,000 gallons per day)

#### SENSORS

AN/SPS-67(V)3 G Band Surface Search Radar  
AN/SPS-64(V)9 I Band Radar  
AN/SQQ-89(V) 6 Surface ASW Combat System  
AN/SQS-53-C(V) 6 Sonar Detecting and Ranging Set with Kingfisher Sonar Dome Rubber Window  
AN/UQN-4A Sonar Sounding Set  
AN/BQH-7A(V) Bathythermograph Set  
AN/UHQ-25B(V) Sonar Insitu Mode Assessment System (SIMAS)  
AN/SQQ-28(V)10 Sonar Signal Processing and Light Airborne Multipurpose System (LAMPS)  
AN/SLQ-32A(V)3 Countermeasures Set  
AN/SLA-10B Blanker Video Mixer Group

#### WEAPONS

MK 45 MOD 2 5"/54 Caliber Gun  
2 MK 41 MOD 2 Vertical Launch Systems (Total of 90 cells containing Standard Missiles, TOMAHAWK Cruise Missiles, or Vertically Launched, ASROC)  
2 MK141 Quad Launch Canisters (HARPOON Anti-Ship Missiles)  
2 MK 15 MOD 12 Phalanx Close In Weapons Systems (CIWS)  
2 MK 32 MOD 15 Triple Torpedo Tubes (MK 46/MK 50 Torpedoes)

#### AIRCRAFT