



# Commander, Naval Surface Force, Atlantic

www.cns1.surfor.navy.mil

U.S. NAVY



**USS NITZE (DDG 94)**  
Guided Missile Destroyer  
Homeport: Norfolk, Virginia  
www.nitze.navy.mil



The mission of the USS Nitze is to conduct prompt, sustained combat operations at sea in support of national policy. Operating with Carrier battle groups; as an element of a surface Action Group; or independently, Nitze can be called upon to conduct a variety of missions in support of the national military strategy. From peace time presence and crisis management to sea control and power protection, Nitze is capable of carrying out Air Warfare, Undersea Warfare, Surface Warfare, Strike Warfare, and Air Control Warfare operations in extreme, multi-threat environments.

In carrying out our missions, we can be called upon to perform the following tasks: Detect, track and destroy aircraft or missiles. Detect, track and destroy submarines. Detect, track and destroy surface targets. Carry out Strike Warfare operations against specified targets. Control various attack and rotary aircraft. Perform surveillance and reconnaissance. Perform patrol and blockade missions. Perform search and rescue. Collect hydrographic and oceanographic data.

To accomplish this, the crew of Nitze uses a variety of sensors to detect, classify and track hundreds of potential targets simultaneously in the air, on the surface and under the sea. To engage and destroy hostile targets, the ship is outfitted with the most lethal arsenal ever put to sea consisting of surface-to-air and surface-to-surface missiles, torpedoes, 5" gun, rapid fire close-in-weapon systems, and electronic jammers and decoys.

Williams' Combat System is the most technologically advanced in the world, capable of projecting power both at sea and ashore with precise and lethal accuracy. A key component to the ship's arsenal is the Aegis Weapon System. Aegis consists of a number of sub-systems that include the ship's primary air radar, the AN/SPY1D, and the Standard Missile (SM). These two components, along with seven other fire control, command, decision, and training elements compose the most effective anti-air warfare system in the world. Capable of tracking hundreds of contacts simultaneously, Aegis can engage multiple threats at maximum range without any operator intervention.

In addition to Aegis, Williams is outfitted with a single 5"/62 caliber gun mount able to accurately fire 16-20 rounds a minute to ranges in excess of 13 miles. The ship's Sonar Suite is capable of detecting, tracking, identifying, and engaging multiple submerged threats independent from other non-related engagements being conducted by the rest of the Combat System. Williams also features a remote mine hunting vehicle. Mines were the culprits in 14 of the 18 U.S. Navy ships damaged or destroyed in conflicts since 1950.

Once launched from the host ship, the remote controlled vehicle deploys a towed variable depth sensor designed to detect, localize, classify and identify moored and bottom mines in deep and shallow water. All this firepower is useless though without the ability to take the fight to the enemy; therefore, Williams is powered and driven by the most sophisticated engineering plant afloat. At the touch of a button, the ship's General Electric LM2500 Gas Turbine Engines come to life, providing the ship with 41,000 shaft horsepower.

## SHIP'S SPECIFICATIONS:

### GENERAL

Length - 511 feet  
Beam (Maximum)- 66 feet  
Speed: 30+ knots  
Draft (Navigational)- 22 feet  
Displacement- 9,200 tons full load  
Complement- 32 Officers/348 Enlisted

### SENSORS

AN/SPY-1D 3-D Search/Track Radar  
Bridgemaster Navigational Radar  
AN/SPS-67(V)3 Surface Search Radar  
AN/SQQ-89(V)15 USW Combat System - Suite  
AN/SLQ-32(V)2 Electronic Warfare System

### AIRCRAFT

2 SH-60B LAMPS III helicopters

### ENGINEERING

Propulsion: 4 General Electric LM2500 Gas Turbines, 2 Screws, 100,000 Shaft Horse Power  
Electrical:  
Services:

### WEAPONS

6 MK-46 torpedoes (two triple tube mounts)  
5"/54 caliber MK-45 lightweight gun  
2 20mm Phalanx Close-in-Weapons System (CIWS)  
Vertical Launch ASROC (VLA)

Keel Laid: August 20, 2002

Christened: April 3, 2004

Commissioned: March 5, 2005