



# Commander, Naval Surface Force, Atlantic

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U.S. NAVY



## USS SAMUEL B. ROBERTS (FFG 58)

Guided Missile Frigate

Homeport: Mayport, Florida

www.roberts.navy.mil



The United States Navy has an impressive record of producing superb frigates, which have distinguished themselves with outstanding performance. The list extends from the frigates Constellation and Constitution to today's finest frigate, USS SAMUEL B. ROBERTS (FFG-58).

SAMUEL B. ROBERTS' mission is to provide, air, submarine and surface protection for carrier battle groups, underway replenishment forces, amphibious groups and convoys. Her unique combination of modern sensors and advance weapons systems allows this ship to fight and survive in the highly complex threat environment of the 1900s and beyond. SAMUEL B. ROBERTS' combat systems capability allows it to rapidly evaluate threats, conduct appropriate weapons selection, and provide near-instantaneous response to any postulated attack. The systems aboard the ship have been designed to meet these demanding and dynamic prerequisites, and to do so with minimum human interface. Her weapons include long-range, surface-to-surface, and medium-range, surface-to-air missiles, a 76mm gun, Vulcan Phalanx Close-in-Weapons System (CIWS) and anti-submarine torpedoes. SAMUEL B. ROBERTS' is also equipped to carry two LAMPS MK III multi-purpose Helicopters. The Avionics package, airborne sensors, and tactical data systems incorporated in this helicopter, allow the ship to locate and strike at hostile surface and subsurface forces will beyond the horizon, and long before SAMUEL B. ROBERTS' is detected by their sensors. Rounding out SAMUEL B. ROBERTS' combat systems suite is the world's most effective surface passive ASW system, thus completing the highly sophisticated package.

In today's combat environment, the ability to respond quickly and effectively is the key to success. All of SAMUEL B. ROBERTS' systems are designed to meet this important requirement. SAMUEL B. ROBERTS' is powered by two LM-2500 gas turbine jet engines. The ship's engineering plant utilizes a computer-controlled gas turbine power plant with engines similar to those found on the Air Force and DC-10 jetliners, and may be brought "on-the-line", ready to operate in the than one-eighth the time required for a conventional steam or nuclear-powered ship. These engines provide the ship with a remarkably responsive acceleration rate, and the best capability to react to the needs of the Battle Group Commander in defense of his forces.

### SHIP'S SPECIFICATIONS:

#### GENERAL

Length - 563 feet  
Beam (Maximum)- 55 feet  
Speed: 30+ knots  
Draft (Navigational)- feet  
Displacement- 4,200 tons full load  
Complement- 21 officers/ 315 enlisted

#### ENGINEERING

Propulsion: 4 General Electric LM-2500 Gas Turbine Engines, 2 shafts, 80,000 Shaft Horsepower  
Electrical:  
Services:

#### SENSORS

#### WEAPONS

2 5-Inch .54 Cal MK 45 Gun Mounts  
MK 86 Gun Fire Control System  
2 MK 32 Torpedo Launchers  
NATO Sea Sparrow Missile Launcher  
8 Harpoon Cruise Missiles  
2 Close-In Weapon Systems  
MK 41 Vertical Launching System (VLS)  
Advanced Tomahawk Weapon Control System (ATWCS)

#### AIRCRAFT

2 SH-60 Seahawk LAMPS III Helicopters

Keel Laid: October 20, 1980

Christened: March 2, 1982

Commissioned: February 10, 1983