



# Commander, Naval Surface Force, Atlantic

www.cns1.surfor.navy.mil

U.S. NAVY



**USS BOONE (FFG 28)**  
Guided Missile Frigate  
Homeport: Mayport, Florida  
www.boone.navy.mil

The Combat systems Department supports the ship's mission by placing ordnance on target in support of military objectives. The department is subdivided into three division. Each division supports Boone's ability to function in the variety of warfare areas and influences the battle space above, below and on the surface. Boone can impact the battle space below the surface through the localization and prosecution of submerged threats. Boone uses a towed array sonar, hull mounted sonar, sonobouy processors, and an embarked helicopter to find submerged targets. Boone also has the ability to influence any land or sea campaign through the use of the surface-to-air and surface-to-surface missiles and guns. When required, BOONE can "reach out and touch someone" on the sea or in the air. The weapons also provide a defensive umbrella against enemy attack.

Finally, in order to support Boone's weapons system, communication and navigation systems, the Combat Systems Department has personnel who specialize in equipment repair. They ensure all sensors both internal and external to the ship are operational. They also maintain radars, computer systems, and work closely with the IT's extensive Local Area Network. These systems ensure that detection, tracking and command control capabilities required to accomplish our mission are at the ready. Boone's Operations Department is the heart and soul of the ship. From planning to execution, the OPS Department is the driving force behind every evolution. The Department Head directly oversees the five divisions that make up the department. Four division officers and three chief petty officers run every facet of OPS Department's grinding schedule in port and at sea. The Sailors of OPS Department work twenty-four hours per day manning consoles, driving the ship, planning and scheduling evolutions and ensuring Boone's vast communications suite is functioning at peak levels. Unlike other departments, which focus on a specific function within the ship, Operations Department is responsible for incorporating the schedule of each individual department and division into Boone's master schedule.

The heartbeat in Boone beats ever strong as the forty plus souls that man the Engineering Department keep her life blood pumping; 24 hours a day, 365 days a year. The powerful heartbeat is the electricity that pulses through countless miles of cable and wire, the gallons of fresh and saltwater that flow through the endless maze of piping. It's the compressed air that surges throughout the ship and the steady stream of fuel that is pumped to the gas turbine engines and diesel generators.

Even while Boone rests pier side, the engineers ensure basic utility services continue to flow throughout the ship for her crew. But it is underway that the heartbeat truly resounds throughout Boone. From the hum of the powerful twin LM2500 gas turbine engines that propel the ship through the sea to the finely tuned roar of the V-16 diesel generators, the heartbeat can be heard. From the flow of the cool air produced by the air-conditioning plants to the hot water that cleanses, the heartbeat can be felt. From the illuminated display screens that crowd the Combat Information Center to the evening movies shown on televisions throughout the ship, the heartbeat can be seen. The heartbeat pulses in every space, down every passageway, from bow to stern, from the keel to the top of the mast. Providing critical mission support to the Boone Team is the Navigation and Administration Department. Within the NAV/ADMIN Department, Personnel men, Yeomen, Career Counselors, Hospital Corpsmen, Signalmen and Quartermasters come together to keep Boone "On Track" both in terms of navigation and administration and keep her crew in good health.

## SHIP'S SPECIFICATIONS:

### GENERAL

Length - 435 ft.  
Beam (Maximum)- 47 ft.  
Speed: 30 + knots  
Draft (Navigational)- 22 ft.  
Displacement- 4,100 tons full load  
Complement-21 officers, 194 enlisted

### ENGINEERING

Propulsion: 2 Gas Turbine Engines  
1 Shaft , 401,000 shaft horse  
power  
Electrical:  
Services:

### SENSORS

AN/SQR-19 (TACTAS) Towed Array  
AN/SQS-56

### WEAPONS

2 Triple Tube MK32 Torpedo Mounts  
76mm/62 caliber MK75  
Phalanx CIWS

### AIRCRAFT

Keel Laid: March 27, 1979

Christened: January 16, 1980

Commissioned: May 15, 1982