



# Commander, Naval Surface Force, Atlantic

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U.S. NAVY



## USS De Wert (FFG-45)

Guided Missile Frigate

Homeport: Norfolk, Virginia

www.dewert.navy.mil



USS De Wert is a guided missile frigate of the Oliver Hazard Perry (FFG 7) class. The ship was designed with a wartime mission as a multi-purpose escort vessel for the protection of amphibious groups, convoys, and underway replenishment forces. In peacetime, Perry class ships are also employed as escorts in deploying battle groups.

De Wert is a multi-mission platform capable of performing a variety of roles ranging from Counter Narco-Terrorism Operations, Maritime Interdiction Operations and convoy escort as well as Air, Surface and Undersea Warfare. De Wert is capable of embarking two LAMPS MK III Seahawk helicopters, which enhance all warfare capabilities and are designed to meet today's ever-changing environments.

De Wert utilizes two LM2500 gas turbine engines (the same engines as those installed in DC-10 aircraft) capable of sustaining speeds in excess of 28 knots and controlled by state-of-the-art computers resulting in a "ready to go" status in less than 10 minutes. The real heart of the ship's fighting spirit is her crew. High technology systems demand skilled technicians and professional leadership. De Wert can meet the 21st Century challenges of modern naval warfare with approximately half the crew as older warships.

In conjunction with the reduced manning concept, the ship operates highly automated equipment in the areas of combat systems, navigation, ship control, propulsion, and ship support. In summary, the Perry class frigate is fully prepared to conduct quick reaction anti-air, anti-surface, and anti-submarine operations whenever called upon.

De Wert is a multi-mission platform capable of performing in a variety of roles ranging from convoy escort to anti-air and anti-surface warfare. During 1991, De Wert underwent an extensive Docking Selected Repair Availability (DSRA) in which the Tactical Towed Array System (TACTAS) was added along with an upgrade to the MK92 fire control system giving De Wert a combat capability far beyond the class program expectations of the mid-1970's. This new weapons system, the first for an Atlantic fleet ship, makes De Wert a valuable asset in the war-at-sea scenario.

### SHIP'S SPECIFICATIONS:

#### GENERAL

Length - 453 feet  
Beam (Maximum)- 45 feet  
Speed: 28+ knots  
Draft (Navigational)- 22 feet  
Displacement- 3600 tons  
Complement 15 Officer/ 186 Enlisted

#### ENGINEERING

Propulsion: 40,000 Shaft Horsepower  
Engines, 2 General Electric LM 2500 Gas Turbine Engines  
Electrical: 2 360 Horsepower Electric Auxiliary Propulsion Units  
Services:

#### SENSORS

AN/SPS-49 Air Search Radar  
AN/SPS-55 Surface Search Radar  
MK-92 Fire Control System  
AN/SLQ-32 Electronic Warfare System  
AN/SQS-56 Digital Sonar  
SRBOC (CHAFF) Decoy System  
Naval Tactical Data System

#### WEAPONS

MK-15 Close-In Weapons System  
MK-13 Guided Missile Launcher  
Harpoon (Anti-Surface Missile)  
Standard (Anti-Air Missile)  
MK-75 76MM Rapid Fire Gun  
MK-32 Torpedo Tubes (two triple mounts)

#### AIRCRAFT

2 SH-60B LAMPS MK III Helicopter

Keel Laid: August 21, 1989

Christened: November 2, 1990

Commissioned: May 2, 1992