

For More Information



ABOUT THE ZUMWALT

USS Zumwalt is the largest and most technologically advanced surface combatant in the world, featuring new state-of-the-art electric propulsion system, tumblehome hull, and stealth design.

The vessel was named for Admiral Elmo R. Zumwalt, Jr., a decorated naval officer of 35 years, through World War II and the Cold War. At age 49, he served as the youngest Chief of Naval Operations in 1970. In his role as CNO, Admiral Zumwalt reformed Navy policies to improve Sailor quality of life, end racism and provide equal opportunity for all Sailors in the service.

The Zumwalt's superstructure minimizes its cross section and acoustic output, making it more difficult for radar to detect the ship. It also utilizes active and passive sensors and a Multi-Function Radar (MFR) that can conduct area air surveillance over land and clutter sea-land interface. The Zumwalt contains a battery of two advanced gun systems firing long range attack projectiles capable of reaching up to 63 nautical miles.

ONLINE RESOURCES

USS Zumwalt Home Page:	www.public.navy.mil/surfor/ddg1000/
USS Zumwalt Facebook:	www.facebook.com/USZ-1000 DDG-1000-682260485126373/
U.S. Pacific Fleet:	www.cpf.navy.mil/
U.S. Pacific Fleet Facebook:	https://www.facebook.com/USPacificFleet/
Navy Task Force Energy Facebook:	www.facebook.com/NavalEnergy
Navy Energy, Environment and Climate Change Website:	http://greenfleet.dodlive.mil/home
Currents - the Navy's Energy & Environmental Magazine:	http://greenfleet.dodlive.mil/currents-magazine
Currents Facebook:	www.facebook.com/navycurrents

USS Zumwalt (DDG 1000)



Energy and Environmental Highlights

USS Zumwalt Quick Facts

Ship Type:	Guided Missile Destroyer
Commissioned:	October 15, 2016
Homeport:	San Diego, CA
Fleet Assignment:	Commander, U.S. Pacific Fleet
Length:	610 feet (185.9 meters)
Beam:	81 feet (24.7 meters)
Displacement:	15,761 tons (full)
Draft:	28 feet (10 meters)
Speed:	30 knots
Manning:	34 officers, 152 enlisted
Motto:	“PAX PROMPTER VIM” (Peace Through Power)
Aircraft Carried:	MH-60R Sea Hawks helicopters and MQ-8 Fire Scout unmanned autonomous helicopters

Energy Facts

- Incorporating **light-emitting diode (LED) bulbs** on a phased schedule.
- Efficient **hullform design** improves fuel economy.
- **Flexible power system** allows for significant energy savings.
- Travels at most **efficient speeds** when transiting between operational areas.
- Educates crew members on **energy efficiency best practices** (quick “Navy” showers, thermostat settings, ventilation maintenance) during check-in and annually in conjunction with safety stand-downs.
- Provides **semi-annual crew training** to emphasize the importance of energy conservation.
- Incorporates an “**energy conservation instruction**” in the engineering department’s organization and regulations manual.
- **Coating on ship’s hull and propellers** are designed to limit biofouling and improve fuel efficiency.



Environmental Facts

- **Plastic waste processors** melt and compress all plastics for onboard storage.
- **Food, paper, cardboard, metal and glass** are processed in a safe, environmentally sound and compliant manner with onboard equipment.
- **Paints, solvents and other chemicals** needed for maintenance are managed via a strict inventory control system.
- **Oil/water separators** and other oil pollution abatement systems keep oil out of the ocean.
- **Ballast tanks** containing seawater perform an exchange procedure before the ship enters within 12nm of port to avoid introducing invasive species.
- **Ship’s lookouts** are trained to spot whales and alert the ship to change course if needed to avoid collisions with marine life.

