

## For More Information



### ABOUT THE NITZE

DDG 94's name honors Paul H. Nitze, whose distinguished government career included serving as the 57th Secretary of the Navy (1963-1967). During his time as the Navy secretary, he raised the level of attention given to quality of Service issues. Nitze was also one of the chief architects of U.S. policy toward the Soviet Union.

Nitze's capabilities include launching missiles, deploying helicopters, detecting mines, tracking and targeting submarines, and performing anti-air and anti-surface operations. With helicopters aboard, USS Nitze can also perform medical evacuations, ship replenishment, communication relay, and other functions.

### ONLINE RESOURCES

USS Nitze Home Page: [www.nitze.navy.mil](http://www.nitze.navy.mil)

USS Nitze Facebook Page: [www.facebook.com/ussnitze](http://www.facebook.com/ussnitze)

U.S. Atlantic Fleet Home Page: [www.navy.mil/local/surflant](http://www.navy.mil/local/surflant)

U.S. Atlantic Fleet Facebook Page: [www.facebook.com/surflant](http://www.facebook.com/surflant)

Navy Task Force Energy Facebook Page: [www.facebook.com/NavalEnergy](http://www.facebook.com/NavalEnergy)

Navy Energy, Environment and Climate Change Web Site: <http://greenfleet.dodlive.mil/home>

Currents – the Navy's Energy & Environmental Magazine Home Page:

<http://greenfleet.dodlive.mil/currents-magazine>

Currents Facebook Page: [www.facebook.com/navycurrents](http://www.facebook.com/navycurrents)

## USS Nitze (DDG 94)



## Energy and Environmental Highlights

### USS Nitze Quick Facts

<b>Ship Type:</b>	Guided Missile Destroyer
<b>Commissioned:</b>	March 5, 2005
<b>Homeport:</b>	Norfolk, VA
<b>Fleet Assignment:</b>	Commander Naval Surface Force, Atlantic Fleet
<b>Length:</b>	510 feet (155.4 meters)
<b>Beam:</b>	66 feet (20.1 meters)
<b>Displacement:</b>	9,515 tons (full load)
<b>Draft:</b>	32 feet (9.8 meters)
<b>Speed:</b>	30+ knots
<b>Manning:</b>	312 Officers and Enlisted Personnel
<b>Motto:</b>	<i>Vision, Courage, Determination</i>
<b>Aircraft Carried:</b>	SH-60 Seahawk helicopters

## Energy Facts

- Stern flap improves fuel economy.
- Thermal management control system saves energy by using centrally controlled **programmable thermostats** to provide the appropriate level of air conditioning for each compartment.
- Solid state lighting reduces energy use and maintenance requirements.
- On U.S. Fleet Forces Command's list of **Top 5 Energy-saving Ships in the Atlantic Fleet** 2nd quarter of 2014; **Top 25 Energy-saving Ships** in Fiscal Years 2013- 2014.
- Select ship's officers attended 2014 **Incentivized Shipboard Energy Conservation training**.
- Educated crew members of **energy efficiency best practices** (quick "Navy" showers, thermostat settings, ventilation maintenance).
- Used simulators and other onboard training equipment to eliminate dozens of underway days, thereby **reducing shipboard power plant use**.
- Motor controllers and breakers receive **regular preventative maintenance** to reduce energy loss.



## Environmental Facts

- **Plastic waste processors** melt and compress all plastics for onboard storage.
- **Pulpers** shred paper and cardboard for safe disposal at sea.
- **Grinders** process metal and glass into small pieces which are discharged in biodegradable burlap bags to avoid floating debris.
- **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 help keep oil out of the ocean.
- **Tributyltin-free coatings** on ship's hull and propellers reduce drag from biofouling organisms.
- **Ship's lookouts** are trained to spot whales and alert the ship to change course if needed to avoid collisions with marine life.

