

## For More Information



### ABOUT THE TRUXTUN

DDG 103 honors Commodore Thomas Truxtun (1755-1822) one of the Navy's first six captains, and founding father of the U.S. Navy. He was assigned command of USS Constellation during the Quasi-War with France (1798-1800). DDG 103 is the sixth ship to bear his name.

Truxtun'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 Truxtun can also perform medical evacuations, ship replenishment, communication relay, and other functions.

### ONLINE RESOURCES

USS Truxtun Home Page: [www.truxtun.navy.mil](http://www.truxtun.navy.mil)

USS Truxtun Facebook Page: [www.facebook.com/pages/uss-truxtun-ddg-103/205525892842189](https://www.facebook.com/pages/uss-truxtun-ddg-103/205525892842189)

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](https://www.facebook.com/surflant)

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

## USS Truxtun (DDG 103)



## Energy and Environmental Highlights

### USS Truxtun Quick Facts

<b>Ship Type:</b>	Guided Missile Destroyer
<b>Commissioned:</b>	April 25, 2009
<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>Pursue, Attack, Vanquish</i>
<b>Aircraft Carried:</b>	SH-60 Seahawk helicopters

## Energy Facts

- Stern flap improves fuel economy.
- Solid state lighting reduces energy use and maintenance requirements.
- **Shipboard Energy Dashboard** provides operators real time situational awareness of energy use and **alerts crews when excess or inefficient equipment is online.**
- On U.S. Fleet Forces Command's list of **Top 25 Energy-saving Ships in the Atlantic Fleet** 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.

