

## For More Information



### ABOUT THE PREBLE

The Preble is the sixth U.S. Navy ship named for Commodore Edward Preble, a Revolutionary War hero and one of the early leaders of the Navy. As First Lieutenant on the cruiser Winthrop, Preble led a boarding party in the seizure of an anchored British ship off the coast of Maine. Later, as commanding officer of the USS Constitution, he led a fleet of seven ships in the First Barbary War.

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

### ONLINE RESOURCES

USS Preble Home Page: [www.public.navy.mil/surfor/ddg88/Pages](http://www.public.navy.mil/surfor/ddg88/Pages)

USS Preble Facebook Page: [www.facebook.com/usspreble](http://www.facebook.com/usspreble)

U.S. Pacific Fleet Home Page: [www.cpf.navy.mil](http://www.cpf.navy.mil)

U.S. Pacific Fleet Facebook Page: [www.facebook.com/pages/Pacific-Fleet/313315455431274](http://www.facebook.com/pages/Pacific-Fleet/313315455431274)

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 Preble (DDG 88)



### Energy and Environmental Highlights

### USS Preble Quick Facts

<b>Ship Type:</b>	<b>Guided Missile Destroyer</b>
<b>Commissioned:</b>	<b>November 9, 2002</b>
<b>Homeport:</b>	<b>San Diego, CA</b>
<b>Fleet Assignment:</b>	<b>Commander Naval Surface Force, Pacific Fleet</b>
<b>Length:</b>	<b>509 feet (155.1 meters)</b>
<b>Beam:</b>	<b>66 feet (20.1 meters)</b>
<b>Displacement:</b>	<b>9,217 tons (full)</b>
<b>Draft:</b>	<b>32 feet (9.8 meters)</b>
<b>Speed:</b>	<b>30+ knots</b>
<b>Manning:</b>	<b>300 Officers and Enlisted Personnel</b>
<b>Motto:</b>	<b><i>Intrepid Patriot</i></b>
<b>Aircraft Carried:</b>	<b>2 SH-60 Seahawk helicopters</b>

## Energy Facts

- On U.S. Fleet Forces Command's list of **Top 25 Energy-saving Ships in the Pacific Fleet** multiple times.
- Stern flap **improves fuel economy**.
- Solid state lighting **reduces energy use and maintenance requirements**.
- Actively supported periodic underwater hull cleanings, **saving up to 18 percent fuel** while underway.
- Used simulators and other onboard training equipment to eliminate dozens of underway days, thereby **reducing shipboard power plant use**.
- Educated crew members on **energy efficiency best practices** (quick “Navy” showers, thermostat settings, ventilation maintenance).
- Provided semi-annual crew training to **emphasize the importance of energy conservation**.
- Incorporated an “**energy conservation instruction**” in the Engineering Department’s regulations manual.
- Posted energy efficiency reminders in various locations throughout the ship to reinforce best practices and **reduce energy use**.



## 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.

