

## For More Information



### ABOUT THE WILLIAM P. LAWRENCE

The Lawrence is named for Vice Admiral William Porter Lawrence, who served in the Korean and Vietnam Wars. He was shot down over North Vietnam in June 1967 and held as a prisoner of war until March 1973. He was awarded a Silver Star for the mission in which he was shot down.

William P. Lawrence'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 William P. Lawrence can also perform medical evacuations, ship replenishment, communication relay and other functions.

### ONLINE RESOURCES

USS William P. Lawrence Home Page: [www.public.navy.mil/surfor/ddg110](http://www.public.navy.mil/surfor/ddg110)

USS William P. Lawrence Facebook Page: [www.facebook.com/usswilliamplawrence](http://www.facebook.com/usswilliamplawrence)

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 Task Force Energy Twitter Page: <https://twitter.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 William P. Lawrence (DDG 110)



### Energy and Environmental Highlights

### USS William P. Lawrence Quick Facts

<b>Ship Type:</b>	<b>Guided Missile Destroyer</b>
<b>Commissioned:</b>	<b>May 19, 2011</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>510 feet (155.4 meters)</b>
<b>Beam:</b>	<b>66 feet (20.1 meters)</b>
<b>Displacement:</b>	<b>9,515 tons (full load)</b>
<b>Draft:</b>	<b>31 feet (9.5 meters)</b>
<b>Speed:</b>	<b>30+ knots</b>
<b>Manning:</b>	<b>312 Officers and Enlisted Personnel</b>
<b>Motto:</b>	<b><i>Never Give In</i></b>
<b>Aircraft Carried:</b>	<b>2 SH-60 Seahawk helicopters</b>

## 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.
- Listed multiple times on Fleet Type Commander (TYCOM) **Top 25 Energy Saving Ships** list for the Pacific Fleet.
- Won Commander Pacific Fleet Type Commanders Incentive Award for achieving **fuel underburn of 3791 barrels** in first three quarters of fiscal year 2014.
- Saves energy by **securing lights, heating and air conditioning after hours** when not needed.
- Educated crew members on **energy efficiency best practices** (quick “Navy” showers, thermostat settings, ventilation maintenance).
- Incorporated an “**energy conservation instruction**” in the Engineering Department’s regulations manual.



## Environmental Facts

- **Plastic waste processors** melt and compress all plastics for onboard storage.
- **Pulpers** shred paper and cardboard for safe disposal at sea.
- **Shredders** 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 help 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.

