

For More Information



ABOUT THE RUSSELL

DDG 59 is the second U.S. ship to bear the name Russell. She is named for a father and son — Rear Admiral John Henry Russell, who served in the Mexican-American War and the Civil War; and John Henry Russell, Jr., who was the 16th Commandant of the Marine Corps.

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

ONLINE RESOURCES

USS Russell Home Page: www.public.navy.mil/surfor/ddg59

USS Russell Facebook Page: www.facebook.com/ussrussell

U.S. Pacific Fleet Home Page: www.cpf.navy.mil

U.S. Pacific Fleet Facebook Page: www.facebook.com/pages/Pacific-Fleet/313315455431274

Navy Task Force Energy Facebook Page: 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

USS Russell (DDG 59)



Energy and Environmental Highlights

USS Russell Quick Facts

Ship Type:	Guided Missile Destroyer
Commissioned:	May 20, 1995
Homeport:	San Diego, CA
Fleet Assignment:	Commander Naval Surface Force, Pacific Fleet
Length:	505 feet (153.9 meters)
Beam:	66 feet (20.1 meters)
Displacement:	8,960 tons (full)
Draft:	22 feet (6.7 meters)
Speed:	30+ knots
Manning:	356 Officers and Enlisted Personnel
Motto:	<i>Strength in Freedom</i>
Aircraft Carried:	2 MH-60 Seahawk helicopters

Energy Facts

- On U.S. Fleet Forces Command's list of **Top 5 Energy-saving Ships in the Pacific Fleet** for the first quarter of fiscal year 2016.
- Received the maximum number of points for officers and enlisted attending 2014 **Incentivized Shipboard Energy Conservation training**.
- **Shipboard Energy Dashboard** provides operators real time situational awareness of energy use and **alerts crews when excess or inefficient equipment is online**.
- Traveled at most efficient speeds when transiting between operational areas, thereby **saving fuel**.
- 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**.
- Incorporated an "**energy conservation instruction**" in the engineering department's organization and regulations manual. The manual is required quarterly reading for all engineering department personnel.



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.

