

For More Information



ABOUT THE SPRUANCE

The Spruance is named for Admiral Raymond Ames Spruance, who commanded American naval forces at the Battles of Midway and the Philippine Sea. He received numerous medals for his actions, and was later named Ambassador to the Philippines.

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

ONLINE RESOURCES

USS Spruance Home Page: www.public.navy.mil/surfor/ddg111

USS Spruance Facebook Page: www.facebook.com/SurfaceWarriors

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

USS Spruance (DDG 111)



Energy and Environmental Highlights

USS Spruance Quick Facts

Ship Type:	Arleigh Burke-class guided-missile destroyer
Commissioned:	September 1, 2011
Homeport:	San Diego, CA
Fleet Assignment:	Commander Third Fleet
Length:	510 feet (155.4 meters)
Beam:	66 feet (20 meters)
Displacement:	9,515 tons (full)
Draft:	22 feet (6.7 meters)
Speed:	30+ knots
Manning:	30 Officers, 282 Enlisted Personnel
Motto:	<i>Launch the Attack</i>
Aircraft Carried:	SH-60 Sea Hawk helicopters

USS Spruance (DDG 111)

Energy Facts

- Won Commander Pacific Fleet Type Commanders' Incentive Award for achieving **fuel underburn of 16,425 barrels** in first two quarters of Fiscal Year 2014.
- Conducted all fuel transfers with **zero spills or incidents**.
- 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 keep oil out of the ocean.
- **Tributyltin-free coatings** on ship's hull and propellers keep surfaces free of 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.

