

For More Information



ABOUT THE NIMITZ

The Nimitz is a supercarrier and the lead ship in its class. It is named for Fleet Admiral Chester W. Nimitz, who held the dual command of Commander in Chief, Pacific Fleet, for U.S. naval forces, and Commander in Chief, Pacific Ocean Areas, for U.S. and Allied air, land, and sea forces during World War II.

Aircraft carriers support and operate aircraft that engage in anti-air and anti-surface operations. The aircraft carrier and its strike group also engage in maritime security operations to interdict threats to merchant shipping, and provide unique capabilities for disaster response and humanitarian assistance.

ONLINE RESOURCES

USS Nimitz Home Page: www.nimitz.navy.mil

USS Nimitz Facebook Page: www.facebook.com/cvn68

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, 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 Nimitz (CVN 68)



Energy and Environmental Highlights

USS Nimitz Quick Facts

Ship Type:	Nuclear-powered Multimission Aircraft Carrier
Commissioned:	May 3, 1975
Homeport:	Everett, WA
Fleet Assignment:	Commander Naval Surface Force, Pacific Fleet
Length:	1,115 feet (339.9 meters)
Beam:	134 feet (40.8 meters)
Displacement:	97,000 tons (maximum)
Draft:	41 feet (12.5 meters)
Speed:	30+ knots
Manning:	6,012 Officers and Enlisted Personnel
Motto:	<i>Teamwork, a Tradition</i>

Energy Facts

- Participated in the **Great Green Fleet** demonstration during RIMPAC 2012—was successfully powered by 50/50 biofuel blend.
- Employs **Smart Voyage Planning Decision Aid** which optimizes routing plans to ensure ship safety and fuel savings.
- Utilizes Gas Turbine On-Line Water Wash which allows compressors to be washed while the engine is running (engines are usually shut down during this activity). This reduces maintenance, improves starter life, and **reduces fuel consumption**.
- Implemented Naval Sea Systems Command's (NAVSEA) **Incentivized Energy Conservation (iENCON) energy strategies**, techniques and training including ship-wide **recycling and energy conservation programs**.
- Solid state lighting **reduces energy use and maintenance requirements**.



Environmental Facts

- Winner of the Navy Community Service **Flagship Award for environmental stewardship** for Fiscal Year (FY) 2013.
- Winner, Chief of Naval Operations **award for environmental quality**, FY 2013.
- Winner, Secretary of the Navy **award for environmental quality**, FY 2013.
- Features **ozone-friendly** chlorofluorocarbon (CFC)-free air conditioning.
- Participated in a waste characterization study performed by Naval Supply Systems Command (NAVSUP). This helped NAVSUP **set program initiatives and determine ways to improve green procurement**.
- Through reuse and reduction, ship personnel **reduced number of hazardous materials** ordered in one year by \$1.6 million.
- **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.
- Collection, holding and transfer operations were conducted according to the **strictest levels of cleanliness**.



The Nimitz during the 2012 Great Green Fleet demonstration.