# For More Information

## ABOUT THE JOHN C. STENNIS

The Stennis is named for Senator John Cornelius Stennis of Mississippi, the second longest serving senator in U.S. history. He was considered by many to be the most influential voice in Congress on military affairs, which earned him the nickname "Father of the Modern Navy." The ship's motto, "Look Ahead" was inspired by a plaque that Stennis kept on his desk.

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 Stennis Home Page: www.stennis.navy.mil
- USS Stennis Facebook Page: www.facebook.com/stennis74
- 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 John C. Stennis (CVN 74)

## Energy and Environmental Highlights

## USS John C. Stennis Quick Facts

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|---|---|
| **Ship Type:** | **Nuclear-powered Aircraft Carrier** |
| **Commissioned:** | **December 9, 1995** |
| **Homeport:** | **Bremerton, WA** |
| **Fleet Assignment:** | **Commander Naval Surface Force, Pacific Fleet** |
| **Length:** | **1,092 feet (332.8 meters)** |
| **Beam:** | **252 feet (76.8 meters)** |
| **Displacement:** | **103,330 tons (maximum)** |
| **Draft:** | **41 feet (12.5 meters)** |
| **Speed:** | **30+ knots** |
| **Manning:** | **6,275 Officers and Enlisted Personnel** |
| **Motto:** | ***Look Ahead*** |

# USS John C. Stennis (CVN 74)

## Energy Facts

- Nuclear power **extends the carrier's range and reduces the need to refuel** at sea. Conventionally powered carriers use over 130,000 gallons of F-76 marine diesel fuel per day (5,000-6,000 gallons/hour).
- Nuclear-powered carriers can **respond more quickly,** arrive in a higher condition of readiness, and **stay on-station longer** than their fossil-fueled counterparts.
- The ship's nuclear propulsion plant eliminates space requirements for propulsion fuel, combustion and exhaust, **allowing increased storage** for weapons, aircraft fuel, and other vital supplies.
- All of the aircraft in the carrier's air wing have been **certified to operate on up to a 50/50 blend of alternative fuel.**
- Implemented **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

- Features **ozone-friendly** chlorofluorocarbon (CFC)-free air conditioning.
- **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.
- **Ballast tanks are purged** with seawater before the ship enters port to avoid introducing invasive species.
- **Ship's lookouts** are trained to spot whales and alert the ship to change course if needed to avoid collisions with marine life.