

For More Information



ABOUT THE KEARSARGE

USS Kearsarge is the fourth ship named for Kearsarge Mountain in New Hampshire. The first Kearsarge was a Civil War-era sloop of war best known for its defeat of the Confederate raider, CSS Alabama.

Amphibious warships are capable of sailing in harm's way and enabling rapid combat power buildup ashore in the face of opposition. These ships are also used to support humanitarian and other contingency missions on short notice. The largest of all amphibious warfare ships, LHD 3 resembles a small aircraft carrier; capable of supporting a variety of aircraft and landing craft.

ONLINE RESOURCES

USS Kearsarge Home Page: www.kearsarge.navy.mil

USS Kearsarge Facebook Page: www.facebook.com/kearsarge

U.S. Atlantic Fleet Home Page: www.navy.mil/local/surflant

U.S. Atlantic Fleet Facebook Page: www.facebook.com/surflant

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 Kearsarge (LHD 3)



Energy and Environmental Highlights

USS Kearsarge Quick Facts

Ship Type:	Amphibious Assault Ship
Commissioned:	October 16, 1993
Homeport:	Norfolk, VA
Fleet Assignment:	Commander Naval Surface Force, Atlantic Fleet
Length:	847 feet (258.2 meters)
Beam:	118 feet (35.9 meters)
Displacement:	41,684 tons (full load)
Draft:	28 feet (8.5 meters)
Speed:	24+ knots
Manning:	1,204 Officers and Enlisted Personnel
Motto:	<i>Proud-Trustworthy-Bold</i>
Aircraft Carried:	V-22 Osprey, MH-53E Sea Dragon helicopters

Energy Facts

- Won Secretary of the Navy top award for energy and water management in Fiscal Year (FY) 2014.
- Won Secretary of the Navy Blue Award in the large ship category for energy conservation in FY 2012.
- On U.S. Fleet Forces Command's list of **Top 25 Energy-saving Ships in the Atlantic Fleet** for two consecutive quarters in Fiscal Year 2014.
- Stern flap improves fuel economy.
- Propeller coatings increase propeller life and reduce fuel consumption.
- Solid state lighting reduces energy use and maintenance requirements.
- Combustion Trim Loop electronic controls optimize air/fuel mixture to improve LHD-class boiler efficiency and reduce fuel consumption.
- Motor controllers and breakers receive regular preventative maintenance to reduce energy loss.
- Ship only runs minimum necessary equipment in port and plans system starts/stops for non-peak electrical load hours.



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.
- Ballast tanks are purged twice 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.

