

## For More Information



### ABOUT THE SAN DIEGO

LPD 22 was named by former Secretary of the Navy Gordon England to honor the city of San Diego and its longstanding relationship with the Navy. "San Diego is a great Navy town and one of the world's finest harbors," he stated. LPD 22 is the fourth ship to bear the name San Diego.

Amphibious transport docks are warships that embark, transport, and land Marines, their equipment and supplies for a variety of expeditionary warfare missions. They can also serve as secondary aviation platforms for amphibious ready groups.

### ONLINE RESOURCES

USS San Diego Home Page: [www.public.navy.mil/surfor/lpd22](http://www.public.navy.mil/surfor/lpd22)

USS San Diego Facebook Page: [www.facebook.com/LPD22](http://www.facebook.com/LPD22)

U.S. Pacific Fleet Home Page: [www.cpf.navy.mil](http://www.cpf.navy.mil)

U.S. Pacific Fleet Facebook Page: [www.facebook.com/pages/Pacific-Fleet/313315455431274](http://www.facebook.com/pages/Pacific-Fleet/313315455431274)

Navy Task Force Energy Facebook Page: [www.facebook.com/NavalEnergy](http://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](http://www.facebook.com/navycurrents)

## USS San Diego (LPD 22)



## Energy and Environmental Highlights

### USS San Diego Quick Facts

<b>Ship Type:</b>	<b>Amphibious Transport Dock</b>
<b>Commissioned:</b>	<b>May 19, 2012</b>
<b>Homeport:</b>	<b>San Diego, CA</b>
<b>Fleet Assignment:</b>	<b>Commander Naval Surface Force, Pacific Fleet</b>
<b>Length:</b>	<b>684 feet (208.5 meters)</b>
<b>Beam:</b>	<b>105 feet (32 meters)</b>
<b>Displacement:</b>	<b>25,883 tons (full)</b>
<b>Draft:</b>	<b>23 feet (7 meters)</b>
<b>Speed:</b>	<b>22+ knots</b>
<b>Manning:</b>	<b>396 Officers and Enlisted Personnel</b>
<b>Motto:</b>	<b><i>Always Vigilant</i></b>
<b>Aircraft Carried:</b>	<b>MV-22 Osprey tilt rotor aircraft</b>

## Energy Facts

- **Stern flap** improves fuel economy.
- **Light-emitting diode (LED) bulbs** use 50 percent less energy and contain no mercury.
- **Modified bow bulb shape reduces hull drag** without increasing resistance, resulting in improved fuel consumption.
- Won **2014 Secretary of the Navy Blue Award** in the large ship category for energy water and management achievements.
- On U.S. Fleet Forces Command's list of **Top 25 Energy-saving ships in the Pacific Fleet** three times in Fiscal Years 2014-2016.
- **Removed or reduced lighting, air conditioning, chilled water and ventilation** in unmanned troop spaces to save electricity.
- **Secured well deck ventilation exhaust systems** whenever feasible to save energy.
- Educated crew members on **energy efficiency best practices** (quick "Navy" showers, thermostat settings, ventilation maintenance).



## Environmental Facts

- **Plastic waste processors** melt and compress all plastics for onboard storage.
- **Pulpers** grind 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.
- **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.
- **Ballast tanks** are purged with seawater before the ship enters port to avoid introducing invasive species.
- **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.

