

## For More Information



### ABOUT THE MOBILE BAY

The Mobile Bay takes its name from the famous Civil War naval battle that took place in 1864. A fleet of 17 Union ships overwhelmed four Confederate vessels to capture the last remaining Gulf coast port remaining in Confederate hands.

Missile cruisers are multi-mission surface combatants capable of supporting carrier battle groups or amphibious forces; or of operating independently. Cruisers are equipped with Tomahawk cruise missiles giving them additional long-range strike warfare capability.

### ONLINE RESOURCES

USS Mobile Bay Home Page: [www.public.navy.mil/surfor/cg53](http://www.public.navy.mil/surfor/cg53)

USS Mobile Bay Facebook Page:  
[www.facebook.com/pages/USS-Mobile-Bay-CG-53/251541868206988](https://www.facebook.com/pages/USS-Mobile-Bay-CG-53/251541868206988)

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

U.S. Pacific Fleet Facebook Page: [www.facebook.com/USPacificFleet](https://www.facebook.com/USPacificFleet)

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

## USS Mobile Bay (CG 53)



## Energy and Environmental Highlights

### USS Mobile Bay Quick Facts

Ship Type:	Guided Missile Cruiser
Commissioned:	February 21, 1987
Homeport:	San Diego, CA
Fleet Assignment:	Commander Naval Surface Force, Pacific Fleet
Length:	567 feet (172.8 meters)
Beam:	55 feet (16.8 meters)
Displacement:	9,600 tons (full)
Draft:	31 feet (9.4 meters)
Speed:	30+ knots
Manning:	363 Officers and Enlisted Personnel
Motto:	<i>Full Speed Ahead</i>
Aircraft Carried:	2 MH-60 Seahawk helicopters

## Energy Facts

- **Stern flap** improves fuel economy.
- **Solid state lighting** reduces energy use and maintenance requirements.
- On Pacific Fleet's list of **Top 25 energy-saving ships** for two quarters in Fiscal Year (FY) 2015.
- Won Commander Pacific Fleet Type Commanders' Incentive Award for **fuel underburn** in FY 2013 and FY 2014.
- Actively supported **periodic underwater hull cleanings**, saving 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).
- Incorporated an "**energy conservation instruction**" in the Engineering Department's regulations manual.



## Environmental Facts

- **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.
- **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 help 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.

