

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

USS Mobile Bay Facebook Page:

www.facebook.com/pages/USS-Mobile-Bay-CG-53/251541868206988

U.S. Pacific Fleet Home Page: www.cpf.navy.mil

U.S. Pacific Fleet Facebook Page: www.facebook.com/USPacificFleet

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 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.

