

## For More Information



### ABOUT THE OAK HILL

USS Oak Hill is the second ship named for the residence of President James Monroe, the fifth President of the United States. While at Oak Hill, Monroe penned the Monroe Doctrine, a document that staked out the Western Hemisphere as an area of American influence. Highlights of the ship's service include deployments to the Persian Gulf and the Horn of Africa in support of anti-terrorism operations; humanitarian assistance missions in Haiti; and serving as a command and control ship for the recovery of TWA Flight 800 wreckage off Long Island in 1996.

The ship has helicopter landing platforms, docking and repair facilities for marine landing craft, and enhanced cargo handling capacity to support warfighting, disaster relief, humanitarian assistance, drug interdiction, and other missions.

### ONLINE RESOURCES

USS Oak Hill Home Page: [www.oak-hill.navy.mil](http://www.oak-hill.navy.mil)

USS Oak Hill Facebook Page: [www.facebook.com/ussoakhill](https://www.facebook.com/ussoakhill)

U.S. Fleet Forces Command Home Page: <http://www.cffc.navy.mil>

U.S. Fleet Forces Command Facebook Page: <https://www.facebook.com/usfleetforces>

Surface Force Atlantic Facebook Page: [www.facebook.com/SURFLANT](https://www.facebook.com/SURFLANT)

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

Navy Energy, Environmental and Climate Change Web Site: <http://greenfleet.dodlive.mil/home>

## USS Oak Hill (LSD 51)



## Energy and Environmental Highlights

### USS Oak Hill Quick Facts

<b>Ship Type:</b>	<b>Harpers Ferry-class dock landing ship</b>
<b>Commissioned:</b>	<b>June 8, 1996</b>
<b>Homeport:</b>	<b>Norfolk, VA</b>
<b>Fleet Assignment:</b>	<b>Commander Naval Surface Force, Atlantic Fleet</b>
<b>Length:</b>	<b>609 feet, 7 inches (185.7 meters)</b>
<b>Beam:</b>	<b>84 feet (25.6 meters)</b>
<b>Displacement:</b>	<b>12,314 tons (light), 19,600 tons (full)</b>
<b>Draft:</b>	<b>21 feet (6.4 meters)</b>
<b>Speed:</b>	<b>24.5+ knots</b>
<b>Manning:</b>	<b>22 Officers, 397 Enlisted Personnel</b>
<b>Motto:</b>	<b><i>Nations' Protector</i></b>

## Energy Facts

- 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**.
- Pierside and shipboard **air compressor use** is monitored to avoid wasted energy.
- **Vacant spaces, lights and equipment** are secured when not in use.
- **Living/working space temperatures** are managed efficiently by regulating thermostats, using remote fans for air circulation, and maintaining air conditioning boundaries.
- **Water use** is monitored; leaks repaired.
- Use of **pier-side commodities** and **contracted maintenance** is tracked to ensure efficiency.
- **“Division in the Spotlight”** publication and zone inspections stress energy conservation.



## 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 keep oil out of the ocean.
- **Tributyltin-free coatings** on ship's hull and propellers keep surfaces free of 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.

