

## For More Information

### ABOUT THE CHOCTAW COUNTY

The USNS Choctaw County (JHSV 2) is designed for rapid intra-theater transport of troops and military equipment. The ship is one of ten JHSVs scheduled to be built for the U.S. Navy. Choctaw County is crewed by 22 civil service marines working for the Military Sealift Command who will operate, navigate and maintain the ship.

Choctaw County is a 338-foot-long aluminum catamaran designed to be fast, flexible and maneuverable, even in austere port conditions, making it ideal for transporting troops and equipment quickly within a theater of operations. The 20,000-square foot mission bay area can be reconfigured to quickly adapt to whatever mission the ship is tasked with – anything from carrying containerized portable hospitals to supporting disaster relief or transporting tanks and troops.

The name Choctaw County was chosen by the Secretary of the Navy after the 2011 decision to transfer five JHSVs – originally slated to be owned and operated by the Army – to the Navy. All remaining JHSVs are named for U.S. counties or small cities.

Choctaw County represents the men and women from rural America. Twenty-nine women from the 1966 graduating class of Ackerman High School in Ackerman, MS, are the ship's sponsors.

JHSVs are capable of transporting approximately 600 tons of military troops, vehicles, supplies and equipment 1,200 nautical miles at an average speed of 35 knots. Choctaw County has sleeping accommodations for up to 42 crew members and 104 mission personnel and airline-style seating for 312 people. Its aviation flight deck can support day and night flight operations for a wide variety of aircraft including CH-53 Super Stallion helicopters.

### ONLINE RESOURCES

JHSV Home Page: [www.msc.navy.mil/inventory/ships.asp?ship=223](http://www.msc.navy.mil/inventory/ships.asp?ship=223)

Military Sealift Command Home Page: [www.msc.navy.mil](http://www.msc.navy.mil)

Military Sealift Command Facebook Page: [www.facebook.com/MSCDelivers](https://www.facebook.com/MSCDelivers)

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>

## USNS Choctaw County (JHSV 2)



### Energy and Environmental Highlights

### USNS Choctaw County Quick Facts

Ship Type:	Joint High-Speed Vessel
Delivery Date:	June 6, 2013
Length:	337.9 feet (103 meters)
Beam:	93.5 feet (28.5 meters)
Displacement:	2,460 tons (full)
Draft:	12.57 feet (3.8 meters)
Speed:	35 knots
Manning:	22 Civilians
Motto:	<i>Harvest Peace, Prepare for War</i>

## Energy Facts

- **Energy audits** were conducted for the JHSV class of ships to measure baseline electrical energy and fuel use and to determine the ship's most efficient transit speed.
- **Fuel flow meters** and **shore power meters** will allow for instantaneous fuel and electrical use measurements that enable the crew to accurately determine the ship's fuel consumption and electrical load and run the ship more efficiently.
- The **Energy Management Dashboard** will provide a real-time display for the crew with continuous data logging that incorporates newly added sensors (like **fuel flow meters**) in an easily viewable format that will enable the crew to make energy conscious operational decisions.
- **Light-emitting diode (LED) lights** will replace many of the existing fluorescent tubes. LEDs are more energy efficient and last longer.
- An investigation of hull coatings is underway to determine if other coatings could better control bio fouling. **Less bio fouling** results in less drag on the ship and therefore better fuel efficiency.
- The ship's service refrigerator and freezer box temperature sensors will be retrofitted with a device that measure product/food temperature instead of ambient air temperature. This will **reduce the frequency of refrigeration cycles and overall energy use**.
- An investigation is underway to make machinery space ventilation fans more efficient using a combination of **automation upgrades** and **variable speed controls**.



## Environmental Facts

- **Shredder/Compactor units** process metal and glass into small pieces which are discharged when necessary in accordance with international treaties and agreements. They also compact trash for storage and proper disposal ashore.
- **Oil/water separators** and other oil pollution abatement systems keep oil out of the ocean.
- **Paint inventory control program** assures that used and excess paints and solvents are stored for proper disposal ashore.
- **Sewage treatment plants** process waste for environmentally responsible disposal at sea.
- Environmentally acceptable **antifouling coatings** on ship's hull to prevent attachment and transport of invasive marine species.
- Navy's **Protective Measures Assessment Protocol** used to avoid harassment of endangered marine animals or damage to marine environment.
- **Main engines certified** to international regulations to reduce exhaust gas emissions.

