



Maritime Administration Fact Sheet

National Security Multi-Mission Vessel (NSMV)

The NSMV is a new class of purpose-built ships to provide for the replacement of the current training ships at the State Maritime Academies (SMA).

The NSMV will help to sustain world-class, U.S. maritime training operations at the SMA

by equipping young American mariners with the most modern and adaptable training platform. In addition to being an educational platform, this vessel is a highly functional national asset, available to support federal government efforts in response to national and international disasters such as hurricanes and earthquakes. In this role, as a National Defense Reserve Fleet vessel, the NSMV will be equipped to support major federal relief and response efforts, providing medical capabilities and berthing for up to 1,000 first responders and recovery workers. These vessels are roll-on/roll-off ramp and crane to facilitate container storage capabilities will enable it to provide critical support equipment and supplies to impacted citizens.



Assets

NSMV will improve the quality of training, using modern systems and equipment and incorporating modern teaching and training facilities, adaptive for long-term training support for int'l requirements:

- Compliant with all environmental standards (air emissions, ballast water, treated waste water)
- Designed to meet Safety of Life at Sea (SOLAS) & Public Nautical School Ship (Subchapter R) requirements, classed as a Special Purpose Ship
- Accommodates current and future Cadet capacity demand for at-sea training as defined by SMAs
- Constructed using commercial design standards and commercial construction practices that are consistent with the best interests of the Federal Government



NSMV Statistics

Maneuvering – Docking without tugs

- Bow Thruster –normal maneuvering and azimuthing type for “Take Home” power
- Stern Thruster
- Flap type rudder –improved maneuvering

Accommodation

- Training Ship Mode –600 cadets, 100 officer, faculty, staff & crew
- Surge capacity for Humanitarian Assistance/Disaster Response missions
- Food Storage for 60 days
- Fresh Water Storage for 14 days

Teaching & Training

- Classrooms
- Workshops for Cadets
- Lab/Training areas for Cadets
- Training Bridge and Navigation Lab
- Large Multi-Purpose Space

Principle Dimensions

- Length 159.85 m (524'-1")
- Beam 27.0 m (88'-7")
- Depth 16.8 m (55'-1.5")
- Design Draft 6.5 m (21'-4")

Range

- 11,000+ miles at 18 knots

Propulsion, Speed & Consumption

- Diesel Electric –4 main engines divided between 2 engine rooms
- Total Installed Power –15,700 kW Main Engines (four 3,900 kW);
- Plus one, 900 kW

Auxiliary Generators

- Full Speed –18 knots with 15% sea margin –4 engines
- Cruising Speed –12 knots with 2 main engines in one engine room
- Uni-fuel for simplicity and operation in the US ECA –MGO only