

Joint High Speed Vessel (JHSV)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Provides high-speed, intra-theater transport of Soldiers, military vehicles, equipment, and cargo.

DESCRIPTION

The Joint High Speed Vessel (JHSV) is a 103-meter (338 foot), high-speed, shallow-draft catamaran capable of transporting 700 short tons for 1,200 nautical miles at an average speed of 35 knots. The JHSV is capable of interfacing with roll-on/roll-off discharge facilities, and on/off-loading a combat-loaded M1A2 Abrams Tank. JHSV has an aviation flight deck to support day and night air vehicle launch and recovery operations. The JHSV also has seating for more than 300 embarked Soldiers and fixed berthing for approximately 100 more.

The JHSV represents the next generation of Army watercraft to support the Army's doctrinal intra-theater lift mission. The JHSV provides flexibility and agility within a theater, enabling the Joint force commander to insert combat power and sustainment into austere ports worldwide. The JHSV bridges the gap between low-speed sealift and high-speed airlift.

Supporting Army prepositioned stocks and Joint logistics over-the-shore, the JHSV expands the reach and possibilities of prepositioning both on land and afloat. The JHSV provides the capability to conduct operational maneuver and repositioning of intact unit sets. This affords the combatant commander increased throughput, survivability, and responsiveness, and improved closure rates. This transport transformation-enabler helps achieve force deployment goals and full distribution-based logistics. The JHSV offers the Joint force commander a multi-modal and multipurpose platform to support Joint operations that complements airlift capabilities, thereby minimizing the need for large-scale reception, staging, onward movement, and integration of Soldiers, vehicles, and equipment within the battlespace.

JHSV features:

- Flight deck
- Joint interoperable, command, control, communications, computers, intelligence, surveillance, and reconnaissance
- Underway refueling
- Electronic navigation

- Anti-terrorism/force protection capabilities
- Commercially available technology

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **1QFY09:** Defense Acquisition Board Milestone B
- **1QFY09:** Contract award for detail design and construction for one JHSV
- **1QFY10:** Defense Acquisition Board program review
- **2QFY10:** Contract award for detail design and construction for one JHSV
- **4QFY10:** Contract award for detail design and construction for one JHSV

PROJECTED ACTIVITIES

- **FY12–16:** Delivery/post acceptance trails for five JHSVs

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Joint High Speed Vessel (JHSV)

FOREIGN MILITARY SALES

None

CONTRACTORS

Detail Design and Construction:

Austal USA (Mobile, AL)

Electronic Systems:

General Dynamics Advanced Information Systems (Fairfax, VA)

