

Joint High Speed Vessel (JHSV)

Provides high-speed intra-theater transport of troops and cargo.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

Description & Specifications

The Joint High Speed Vessel (JHSV) is a high-speed (35 knots), shallow draft sealift platform that maximizes current commercial fast ferry technology, and represents the next-generation of Army watercraft to support the Army's doctrinal intra-theater lift mission. JHSV provides flexibility and agility within a theater, enabling the Joint Force Commander to insert combat power and sustainment into austere ports worldwide.

Supporting Army prepositioned stocks and joint logistics over-the-shore, JHSV expands the reach and possibilities of prepositioning both on land and afloat. JHSV provides the capability to conduct operational maneuver and repositioning of intact unit sets while conducting en route mission planning and rehearsal. JHSV provides the combatant commander with increased throughput, increased survivability, increased responsiveness, and improved closure rates. This

transport transformation-enabler helps achieve force deployment goals and full distribution-based logistics. JHSV offers the joint force commander a multi-modal and multi-purpose platform to support joint operations that complements C-17 and C-130 airlift capabilities and minimizes the need for large-scale reception, staging, onward movement, and integration of Soldiers, vehicles, and equipment within the battlespace. The vessel will have the following additional features:

- Flight deck
- Joint interoperable, command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR)
- Underway refueling
- Movement tracking system
- Electronic navigation
- Integrated materiel handling

Program Status

- **3QFY06:** Army Theater Support Vessel (TSV) advanced concept technology demonstration (ACTD) completed to provide technological basis for JHSV Program
- **3QFY06:** Defense Acquisition Board (DAB) Milestone A review

Projected Activities

- **2QFY08:** DAB Milestone B review
- **2QFY08:** Detailed design and construction contract award

ACQUISITION PHASE

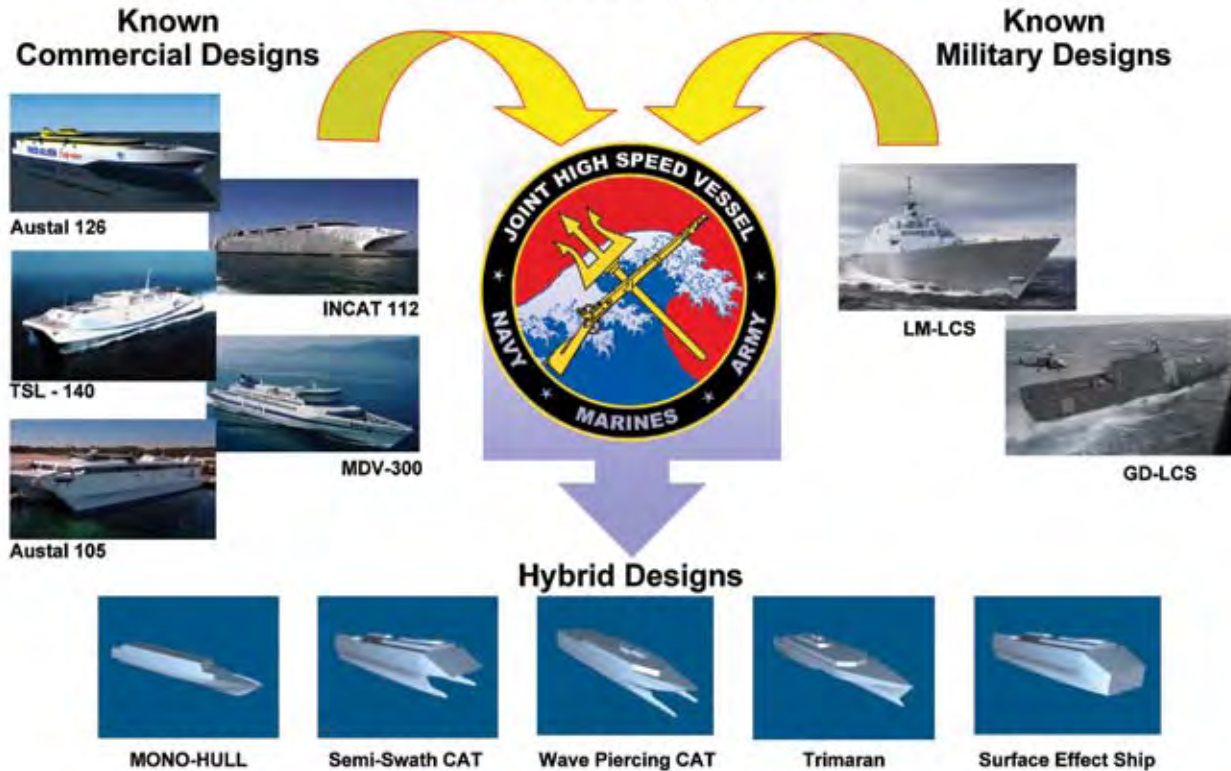
Concept & Technology Development

System Development & Demonstration

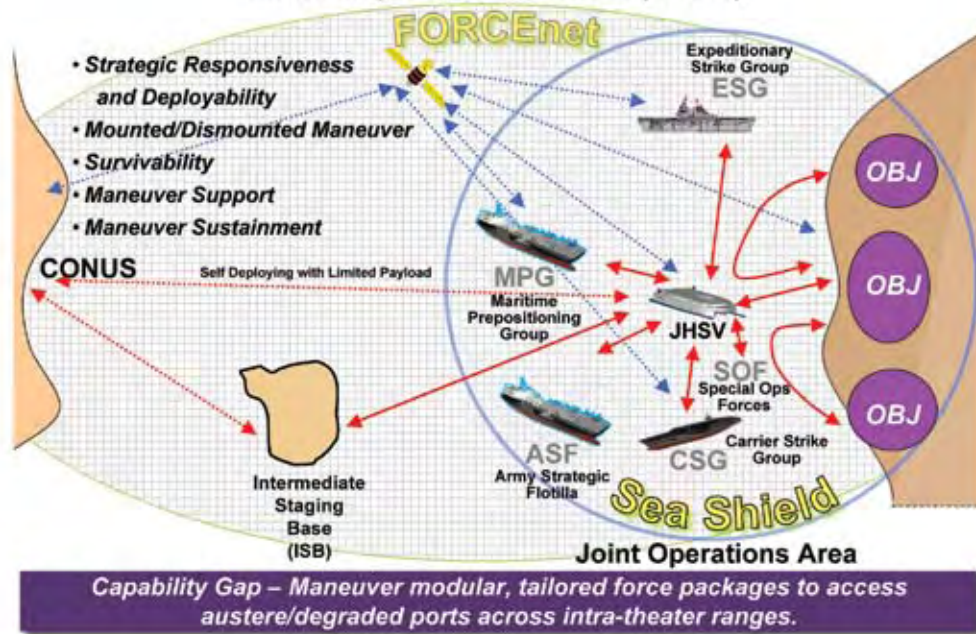
Production & Deployment

Operations & Support

Technical Approach



Advanced Strategic/Operational Lift – Joint High Speed Vessel (JHSV)



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FOREIGN MILITARY SALES

None

CONTRACTORS

To be selected

