

Theatre Support Vehicle (TSV)

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



DESCRIPTION AND SPECIFICATIONS

The Theater Support Vessel (TSV) is a high-speed (40+ knots), shallow draft sealift platform that maximizes current commercial ferry technology, and represents the next-generation of Army watercraft to support the Army's doctrinal intra-theater lift mission. TSV 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, TSV expands the reach and possibilities of prepositioning both on land and afloat. TSV provides the capability to conduct operational maneuver and repositioning of intact unit sets while conducting en route mission planning and rehearsal. TSV 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. TSV 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:

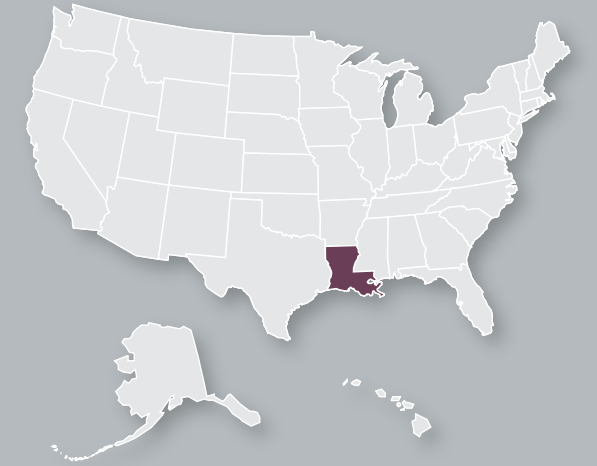
- Joint interoperable, command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR)
- Movement tracking system
- Electronic navigation
- Integrated materiel handling

PROGRAM STATUS

- **Current** Two vessels (TSV 1-X, Spearhead and HSV X-1, Joint Venture) are being leased as experimentation platforms to support the objective TSV program
- **Current** The TSV advanced concept technology demonstration (ACTD) continues for TSV-1X, Spearhead, as it supports Operations Iraqi and Enduring Freedom; HSV-X1, Joint Venture, supports the Pacific Command area of responsibility
- **FY05** Army TSV and Navy/USMC high-speed connector (HSC) programs combine with the goal to procure a joint vessel; complete TSV ACTD program

PROJECTED ACTIVITIES

- **FY05** Army TSV and Navy/USMC high-speed connector (HSC) programs combine with the goal to procure a joint vessel; complete TSV ACTD program



CONTRACTORS
Bollinger/Incat USA (Lockport, LA)

INVESTMENT COMPONENT
Modernization

ACQUISITION PHASE
• System Development and Demonstration

Theatre Support Vehicle (TSV)