



VERSATILE | HIGH-SPEED | SHALLOW DRAFT

SPEARHEAD CLASS

JOINT HIGH SPEED VESSEL



The Austal-led Joint High Speed Vessel (JHSV) team designed these catamarans to be fast, flexible and maneuverable even in shallow waters, making them ideal for transporting troops and equipment quickly within a theater of operations. The JHSV will support the warfighter through traditional logistics missions, humanitarian support projects, disaster response and maritime law enforcement activities. As the ship systems integrator, General Dynamics Advanced Information Systems' open architecture computing infrastructure (OPEN CI) enables the U.S. Navy to rapidly upgrade mission capability. OPEN CI connects proven, innovative hardware and software technology seamlessly and reliably.

PRINCIPAL CHARACTERISTICS

LOA – 103.0 m (337.9 ft)
BOA – 28.5 m (93.5 ft)
Draft – 3.83 m (12.57 ft)

PROPULSION & ELECTRICAL – CODAG

Diesels (4)
Waterjets (4)
Diesel Generators (4)

MISSION BAY

Area – 1,858 m² (20,003 sf)
Clear Height – 4.75 m (15.6 ft)
Turning Diameter – 26.2 m (86 ft)
Deck load supports M1A2 Tanks

ACCOMMODATIONS

Troop Seats - 312
Troop Berths
- Permanent – 104
- Temporary - 46

AVIATION FACILITIES

NAVAIR Level 1 Class 2 Certified Flight Deck for one helicopter
Centerline parking area for one helicopter
NAVAIR Level one Class 4 Type 2 Certified VERTREP
Helicopter Control Station

PERFORMANCE

Sprint Speed – 43 kts (without payload)
Average Speed - 35 kts with 624 mt (688 st) payload
Range
- Maximum Transit – 1200 nm
- Self-Deployment – 4700 nm
Survival Through – Sea State-7