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

**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

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

www.Austal.com