

AUSTAL JHSV



YARD NO : US630 - 638

DESTINATION : USA

DELIVERY : 2012 - 2016

CLIENT : US NAVY

PRINCIPAL DIMENSIONS

Material	Hull and superstructure - aluminium alloy
Length overall	103 metres (337.9ft)
Beam overall	28.5 metres (93.5ft)
Hull draft (maximum)	3.83 metres (12.57ft)

MISSION BAY

Area (with tie-downs)	1,863m ² (29,053ft ²)
Clear Height	4.75m (15.6ft)
Turning diameter	26.2m (86.0ft)
ISO TEU Stations	6 Interface Panels

ACCOMMODATIONS

Crew	41
Single SR	2
Double SR	6
Quad SR	7
Troop Seats	312
Troop Berths	
Permanent	104
Temporary	46
Galley and Messing	48

PROPULSION

Main Engines	4 x MTU 20V8000 M71L Diesel Engines 4 x 9.1 MW
Gear boxes	4 X ZF 60000NR2H Reduction Gears
Waterjets	4 Wartsila WLD 1400 SR

PERFORMANCE

Speed	
Average	35 knots @ 90% MCR with 635 mt (700st) payload
Maximum	43 knots without payload
Range	
Maximum Transit	1200nm
Self-Deployment	5600nm
Survival Through	SS-7

AVIATION FACILITIES

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



AUXILIARY SYSTEMS

Active Ride Control
 Transcom Interceptors
 Foils: 3.24m² (34.9ft²) each, forward
 on inboard sides of demi-hulls
 Vehicle Ramp
 Articulated Slewing Stern Ramp
 Straight aft to 45 Starboard
 Telescoping Boom Crane
 12.3mt @15m, 18.2 mt @10m
 (13.6Lt @ 49.2 ft, 20.1 Lt @ 32.8 ft)

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Vessel type: Joint High Speed Vessel



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SHIPS • SYSTEMS • SUPPORT

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