

# AUSTAL EPF 103



EXPEDITIONARY FAST TRANSPORT

HULL NO: US630 - 643

DESTINATION: USA

DELIVERY: 2012 - ONGOING

CLIENT: US NAVY

## PRINCIPAL DIMENSIONS

Material	Hull and superstructure - aluminium alloy
Length overall	103 metres (338ft)
Beam overall	28.5 metres (94ft)
Hull draft (maximum)	3.83 metres (13ft)
Full Load Displacement	Approx. 2,500 tonnes

## MISSION BAY

Area (with tie-downs)	1,858m <sup>2</sup> (20,000ft <sup>2</sup> )
Clear Height	4.75m (15.6ft)
Turning diameter	26.2m (86.0ft)
ISO TEU Stations	6 Interface Panels

## ACCOMMODATIONS

Crew	42
Single SR	2
Double SR	6
Quad SR	7
Troop Seats	312
Troop Berths	42
Permanent	104
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 tonnes (700st) payload
Maximum	43 knots without payload
Range	
Maximum Transit	1200nm @ 35 knots with 544 tonnes payload
Self-Deployment	5600nm
Survival Through	SS-7
Ramp	SS-3

## AVIATION FACILITIES

NAVAIR Level 1 Class 2 Certified Flight Deck - 1 helicopter up to CH-53K  
Centreline parking area for 1 helicopter (H-60)  
NAVAIR Level 1 class 4 Type 2 Certified VERTREP  
Helicopter Control Station

## ARMAMENT

Standard	4x .50 cal machine guns
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## AUXILIARY SYSTEMS

Active Ride Control  
Transcom Interceptors  
Foils: 3.24m<sup>2</sup> (34.9ft<sup>2</sup>) each, forward  
on inboard sides of demi-hulls  
Vehicle Ramp  
Articulated Slewing Stern Ramp  
Straight aft to 45 Starboard  
Up to M1A2 tank  
Telescoping Boom Crane  
12.3 tonnes @15m, 18.2 tonnes @10m  
(13.6Lt @ 49.2 ft, 20.1 Lt @ 32.8 ft)

## WATERCRAFT OPERATIONS

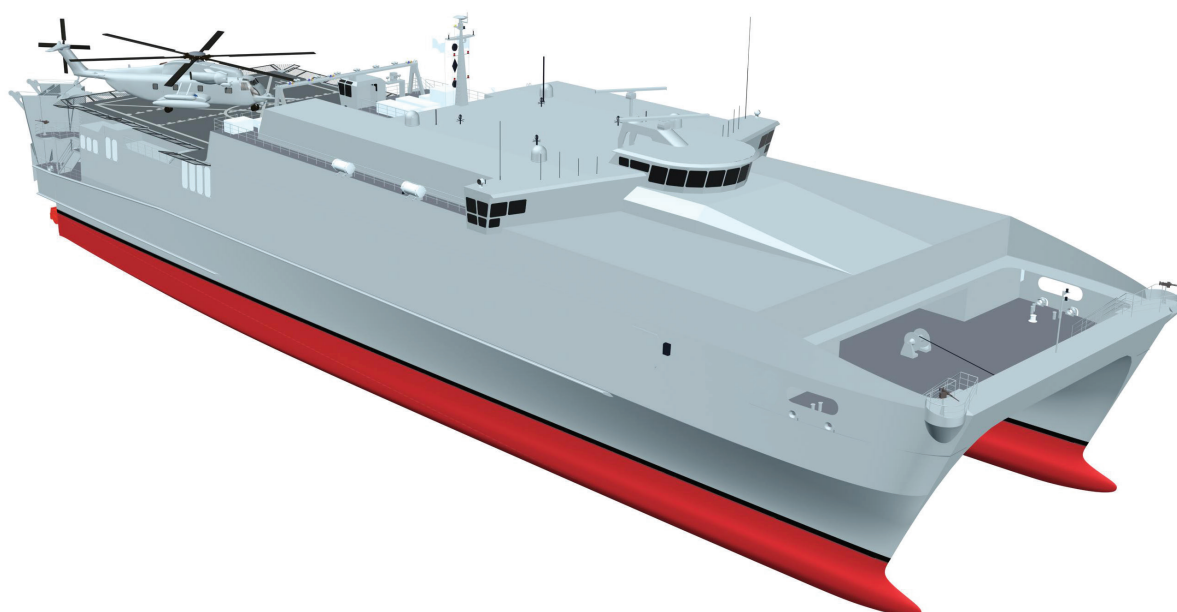
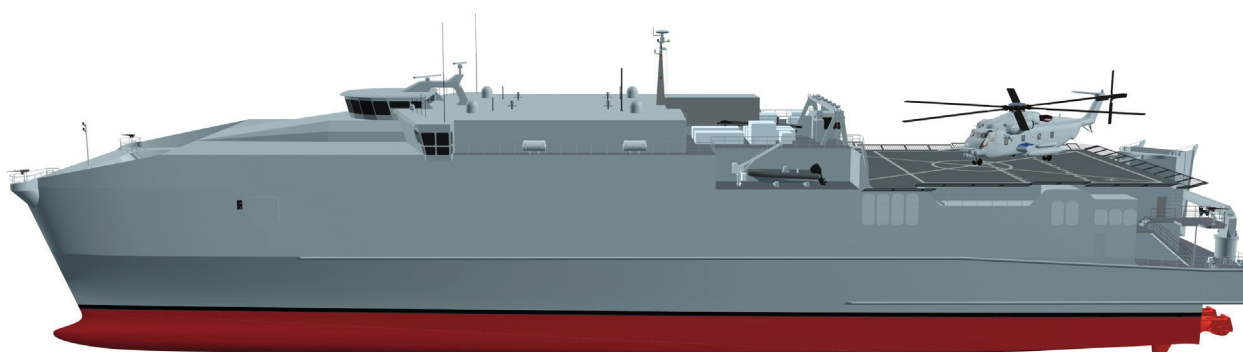
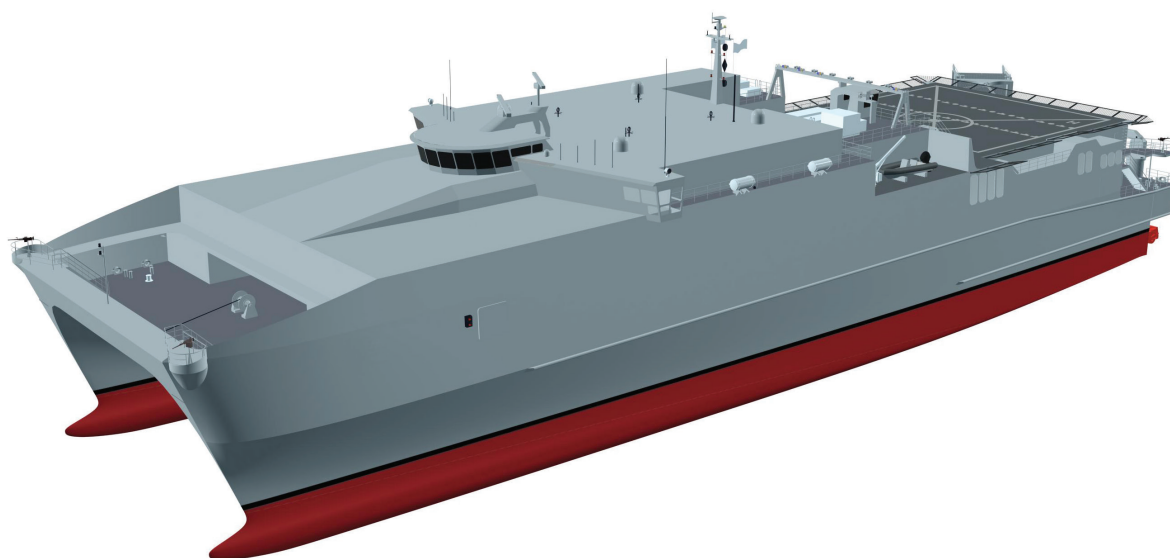
Can deploy various small boats and unmanned systems

## MISSION SYSTEMS

Open architecture total ship computing environment, C4I suite  
for embarked force

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Vessel type: Expeditionary Fast Transport



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