AUSTAL EPF 103

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) 1,858m² (20,000ft²)
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 Permanent 104
Galley and Messing 48

PROPELLION

Main Engines 4 x MTU 20V8000 M71L Diesel Engines
Gear boxes 4 x 9.1 MW
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 4 x .50 cal machine guns

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 4S Starboard Up to M1A2 tank
Telescoping Boom Crane 12.3 tonnes @15m, 16.2 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