

Expeditionary Sea Base (ESB)

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MARITIME PREPOSITIONING FORCE (TRANSITION)

The Expeditionary Sea Base (ESB) is the centerpiece of the U.S. Navy's forward-deployed airborne mine countermeasures mission (AMCM). It will support the operations and maintenance of airborne mine countermeasures detachment personnel and equipment.

DIMENSIONS AND PERFORMANCE

- Length, Overall 239m
- Beam 50m
- Sustained Speed >15 knots
- Endurance over 9,500 NM at 15 knots

PROPULSION SYSTEM

- Twin screw diesel electric
- 4 MAN/B&W medium speed diesel main engines
- 24 MW diesel electric plant

SHIP SERVICES

- 34 berths for MSC personnel
- 250 Military Detachment berthing
- Tactical Operations and Communications Center
- Planning and Control Spaces for AMCM mission

AIRBORNE MINE COUNTERMEASURES MISSION SUPPORT

- 4 MH-53E helicopter landing spots
- Hangar area for 1 MH-53E deployed
- 7 rigid hull inflatable boats
- 4 MK 105 AMCM Sleds
- AMCM, and Explosive Ordnance Disposal (EOD) magazines

OTHER MISSION SUPPORT

- 4 helicopter/tilt rotor operating spots
- Special warfare support

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NASSCO

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EXPEDITIONARY SEA BASE (ESB) MISSION

