

MCRP 3-31B

Amphibious Ships and Landing Craft Data Book



U.S. Marine Corps

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Dock Landing Ship *USS Anchorage (LSD-36) Class*



USS Mount Vernon (LSD-39) Pictured

Mission

The assigned mission of the LSD-36 is to transport and launch loaded amphibious craft and vehicles with their crews and embarked personnel in amphibious assaults by landing craft and amphibious vehicles. It can render limited docking repair service to small ships and craft.

General Comments

Major spaces for carrying vehicles and/or cargo or conducting helicopter operations are the helicopter platform, the super deck, the mezzanine deck, and the well deck. The mezzanine deck, super deck, and helicopter platform are constructed so they can be removed and stored ashore should assigned operations dictate. Mezzanine decks are frequently removed, but super decks and helicopter platforms are rarely removed. Vehicles may be loaded via landing craft into the well deck or lifted aboard by crane to the super deck for transit via ramps to other decks for stowage. Vehicles stowed in the well deck should be at least 50 feet forward of any landing craft to minimize potential salt water immersion during ballasting operations.

General Information

Length (overall)	562 feet
Beam	84 feet
Displacement (light load)	8,200 tons
Displacement (full load)	13,680 tons
Draft (full load)	20 feet
Main engines	2
Boilers	2
Shafts	2
Shaft horsepower	24,000
Speed	22 knots
Range at 12 knots	14,800 nautical miles
Bow thruster	No
Staff accommodations	No
Crew accommodations	426
Ship's chaplain	No

Landing Force Lift General Information

Officer accommodations	25
Enlisted accommodations (E-7)	8
Enlisted accommodations (E-6 and below)	303
Surge accommodations (E-6 and below)	No
Vehicle square (with mezzanine)	19,700 square feet
Vehicle square (without mezzanine)	8,800 square feet
Cargo cube	1,800 cubic feet
Helicopter landing spot	1
Operational CH-46 equivalent	No
JP-5	31,500 gallons
MOGAS	No
LFORM	No

Command and Control Systems

Combat Information Center	Yes
Integrated Tactical Amphibious Warfare Data System	No
Ship's Signals Exploitation Space	No
Flag Plot	No
Landing Force Operations Center	No
Joint Intelligence Center	No
Supporting Arms Coordination Center	No
Tactical-Logistical Group	No
Helicopter Logistics Support Group	No
Tactical Air Control Center	No
Helicopter Direction Center	No
Helicopter Coordination Section	Yes

Medical Capabilities

Operating room	No
Post-operative recovery/Intensive care	1 bed
Isolation ward	2 beds
Primary care ward	8 beds
Casualty overflow	No
Ship's doctor	No
Ship's dentist	Yes

Well Deck

The landing craft numbers listed below are the maximum number of each type of craft that can be stowed in the well deck exclusive of any other craft. Combinations of these craft may be stowed in the well deck.

Length (overall)	436 feet
Width	50 feet
Height	21 feet
LCACs (with mezzanine)	2
LCACs (without mezzanine)	3
LCU (with mezzanine)	1
LCUs (without mezzanine)	3

Cargo Handling Equipment

Forklift (rough terrain/6,000 pounds)	1
Monorails (6-ton)	2
Boat and aircraft crane (20-ton)	1
Boat and aircraft crane (60-ton)	1

Organic Craft

LCPL	2
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Weapons

Phalanx Close-in Weapon System (CIWS)
MK-36 Chaff Rocket Super Rapid Booming Offboard Chaff (SRBOC) Launcher

Ships In Class

Hull Number	Ship's Name	Home Port
LSD-36	<i>USS Anchorage</i>	San Diego, CA
LSD-37	<i>USS Portland</i>	Little Creek, VA
LSD-39	<i>USS Mount Vernon</i>	San Diego, CA