U.S. Navy Fact Sheet

Landing Craft, Mechanized and Utility - LCM/LCU

Description
Landing craft are used by amphibious forces to transport equipment and troops to the shore. Landing craft are also used to support civilian humanitarian/maritime operations.

Features
Landing craft are capable of transporting cargo, tracked and/or wheeled vehicles and troops from amphibious assault ships to beachheads or piers. LCMs have a bow ramp for onload/offload. LCUs have both bow and stern ramps for onload/offload and have the ability to operate at sea for up to 10 days.

Background
The use of landing craft in amphibious assault dates from World War II. The craft are carried aboard amphibious assault ships to the objective area.

Program Status
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Point Of Contact
Public Affairs Office
Naval Sea Systems Command (SEA 00D)
Washington, DC 20376

General Characteristics, LCU 1610, 1627 and 1646 Class
Propulsion: 2- Detroit 12V-71 Diesel engines, twin shaft, 680 hp sustained, Kort nozzles.
Length: 134.9 feet (41.1 meters).
Beam: 29 feet (8.8 meters).
Displacement: 200 tons (203.21 metric tons) light; 375 tons (381.02 metric tons) full load.
Speed: 11 kts (12.7 mph, 20.3 kph).
Range: 1200 miles at 8 knots.
Crew: 14
Load: 170 tons (172.73 metric tons)
Military Lift: M1A1 tanks (3), LAVs (10) or 400+ troops; 125 tons of cargo.
Armament: 4- 50 cal MGs.
Electronics: Furuno Radar Navigation; C4I up-grade under development.

General Characteristics, LCM 8 Type Class
Propulsion: 2- Detroit 12V-71 Diesel engines; 680hp sustained; twin shafts.
Length: 73.7 feet (22.5 meters).
Beam: 21 feet (6.4 meters).
Displacement: 105 tons (106.69 metric tons) full load.
Speed: 12 kts (13.8 mph, 22.2 kph).
Range: 190 miles at 9kts full load.
Crew: 5
Load: 180 tons (182.89 metric tons)
Military lift: 1- M48 or 1- M60 tank or 200 troops.

General Characteristics, LCM 6 Type Class
Propulsion: 2- Detroit 6-71 Diesel engines; 348 hp sustained; twin shaft, or 2- Detroit 8V-71 Diesel engines; 460 hp sustained; twin shaft.
Length: 56.2 feet (17.1 meters).
Beam: 14 feet (4.3 meters).
Displacement: 64 tons (65.03 metric tons) full load.
Speed: 9 kts (10.3 mph, 16.6 kph).
Range: 130 miles at 9 knots.
Crew: 5
Load: 34 tons (34.55 metric tons) or 80 troops.

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