Welcome to CASCOM
Army Watercraft

Home of the Army’s Sustainment Think Tank!
Combined Arms Support Command and the
Sustainment Center of Excellence
Fort Lee, Virginia and Fort Jackson, South Carolina
Army Watercraft – A Force Multiplier

A flexible capability which covers diverse mission sets across *mission command, sustainment, and movement and maneuver* warfighting functions.

- **Supports movement and maneuver**: strategic, operational and tactical mobility for Joint and Army forces.

- **A2/AD**: exploit waterborne maneuver corridors to provide commanders options IOT launch and sustain joint and Army forces along coastal littorals and through inland waterways.

- **Operational maneuver**: provide the JFC with operational adaptability and assured mobility through the waterborne delivery of combat-configured task organized forces and sustainment.

- **Maneuver Support Vessel - Light**: future variants bridge strategic to expeditionary maneuver; transition in theater to operational maneuver in support of ULO.

Rebalance to Asia Pacific — Potential for long term employment of Army Watercraft as a regionally aligned mobility enabler; enables joint security cooperation and security engagement.
**Fleet Overview**

- **Logistic Support Vessel (LSV)**
  - AAO (8): 5 AC/3 RC/0 APS
  - AAO (8)*: 1 AC/2 RC/3 APS

- **Large Tug (LT)**
  - AAO (6): 2 AC/0 RC/4 APS
  - AAO (18)*: 5 AC/0 RC/11 APS

- **Small Tug (ST)**
  - AAO (3): 1 AC/0 RC/2 APS

- **Landing Craft Utility (LCU) 2000**
  - AAO (34): 7 AC/7 RC/20 APS

- **Landing Craft Mechanized (LCM-8)**
  - AAO (36): 9 AC/9 RC/18 APS

- **Barge Derrick (BD)**
  - AAO (6)*: 0 AC/2 RC/2 APS

- **Roll-On/Roll-Off Discharge Facility (RRDF)**
  - AAO (6): 2 AC/0 RC/4 APS

- **Modular Warping Tug (MWT)**
  - AAO (18)*: 5 AC/0 RC/11 APS

- **Causesway Ferry (CF)**
  - AAO (3): 1 AC/0 RC/2 APS

- **Floating Causesway (FC)**
  - AAO (3): 1 AC/0 RC/2 APS

- **Modular Causesway System (MCS)**

- **Years**
  - 1967 – First Fielding
  - 1978 – First Fielding
  - 1988 – First Fielding
  - 1990 – First Fielding
  - 1994 – First Fielding
  - 1998 – First Fielding

- **Support Starts Here!**

- **Key Points**
  - Small density fleet
  - No single OEM or Depot
  - Many different configurations
  - Several platforms at or past EUL
  - Half of the fleet in APS

* Currently short of the AAO.
Landing Craft Modernization

This is where we are……….and this is where we’re going.

**Vietnam Era…**

- **Landing Craft Mechanized (LCM-8)**
  - Configuration: Single ramp
  - Length: 74 feet
  - Beam: 21 feet
  - Draft: 5 feet
  - Speed: 9 knots
  - Range: 271 miles
  - Payload: 53 tons

- **Maneuver Support Vessel (Light)**
  - Configuration: Roll through
  - Length: ~100 feet
  - Beam: ~30 feet
  - Draft: less than 5 feet
  - Speed: 15 knots
  - Range: 360 miles
  - Payload: M1A2 Abrams Tank

**…to 2025 and Beyond**

- No M1A2 SEPv3 Abrams MBT
- No 2 Stryker with Slat Armor
- No 4 JLTV

Yes

Modernization and transformation of Landing Craft Fleet

Support Starts Here!
CASCOM... The Army’s Sustainment Think Tank
**Army Watercraft MTOE Overview**

**Principal Fighting Functions**

1. **Mission Command**: Harbormaster, Logistics Over the Shore (LOTS) and Battle Command on the Move
2. **Movement & Maneuver**: Assured Access, Simultaneous/Distributed Operations, Controlled Operational Tempo
3. **Sustainment**: Intra-Theater Distribution, Access to Degraded & Austere Ports/Seaport, Damage/Vessel Salvage, Tugs/Firefighting and Rescue

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**Fleet Size**
- 116 Army Watercraft Systems
- **Support Starts Here!**

**Soldiers**
- 1608 Operational Force

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**Army Watercraft Systems**

- **Harbormaster C3**
  - 7 Required 7 on hand
  - (3 AC/4 USAR)

- **Landing Craft Mechanized Mod 2**
  - (6)
  - (1 AC/1 USAR/4 APS)

- **Small Tug (16)**
  - (2 AC/6 USAR/8 APS)

- **Landing Craft Utility**
  - (34)
  - (7 AC/7 USAR/20 APS)

- **Landing Craft Mechanized Mod 1**
  - (30)
  - (8 AC/8 USAR/14 APS)

- **Large Tug (8)**
  - (1 AC/3 USAR/4 APS)
  - 2ea in Lieu of 100 ft tugs

- **3 Modular Causeway Systems**
  - (1 AC/2 APS)

- **Roll-on/Roll-off Discharge Facility**
  - (6)

- **Causeway Ferry**
  - (3)

- **Warping Tug**
  - (18)

- **Floating Causeway**
  - (3)

- **Barge Derrick**
  - (4)
  - (2 USAR/2 APS)