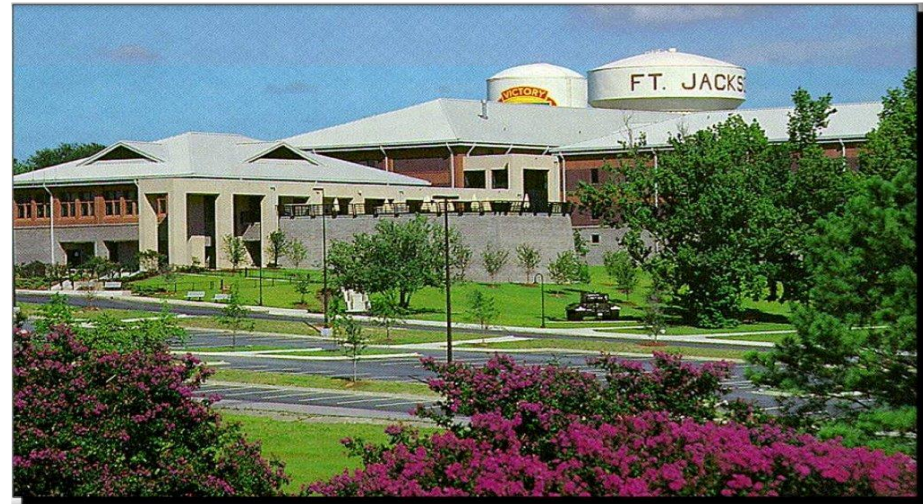




Welcome to CASCOM

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



U.S. ARMY



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.





U.S. ARMY

Fleet Overview



1988 – First Fielding

21
Years

1994 – First Fielding

22
Years

Logistic Support Vessel (LSV)

AAO (8): 5 AC/3 RC/0 APS



Large Tug (LT)

AAO (8)*: 1 AC/2 RC/3 APS

1990 – First Fielding

25
Years

1998 – First Fielding

15
Years

Landing Craft Utility (LCU) 2000

AAO (34): 7 AC/7 RC/20 APS



Small Tug (ST)

AAO (16): 2 AC/6 RC/8 APS

1967 – First Fielding

44
Years

1999 – First Fielding

16
Years

(To be displaced by the MSV(L))

Landing Craft Mechanized (LCM-8)

AAO (36): 9 AC/9 RC/18 APS



Barge Derrick (BD)

AAO (6)*: 0 AC/2 RC/2 APS

15
Years

Roll-On/Roll-Off Discharge Facility (RRDF)

AAO (6): 2 AC/0 RC/4 APS

13
Years

Modular Warping Tug (MWT)

AAO (18)*: 5 AC/0 RC/11 APS

21
Years

Causeway Ferry (CF)

AAO (3): 1 AC/0 RC/2 APS

19
Years

Floating Causeway (FC)

AAO (3): 1 AC/0 RC/2 APS

Modular Causeway System (MCS)

1996 – First Fielding

- 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



U.S. ARMY



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

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

...to 2025 and Beyond



Maneuver Support Vessel (Light)

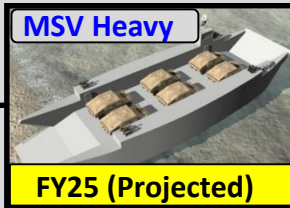
Configuration: Roll through
 Length: ~100 feet
 Beam: ~30 feet
 Draft: less than 5 feet
 Speed: 15 knots
 Range: 360 miles
 Payload: M1A2 Abrams Tank

Modernization
and
transformation of
Landing Craft
Fleet

LSV



MSV Heavy

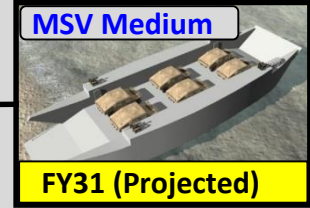


FY25 (Projected)

LCU



MSV Medium



FY31 (Projected)





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

1



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)

2 & 3



**Logistics Support
Vessel (8)**
(5 AC/3 USAR)



**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

3 Modular Causeway Systems (1 AC/2 APS)



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



**Causeway
Ferry (3)**



**Warping
Tug (18)**

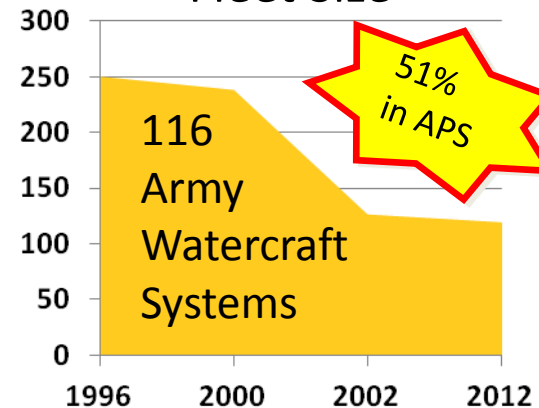


**Floating
Causeway (3)**



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

Fleet Size



Soldiers

