

U.S. Navy and FMS Boats and Craft (PMS 300)



Mr. Clifton D. Mitchell

Deputy Program Manager

February 2022



PMS 300 Boats & Combatant Craft



Program Executive Office, Ships

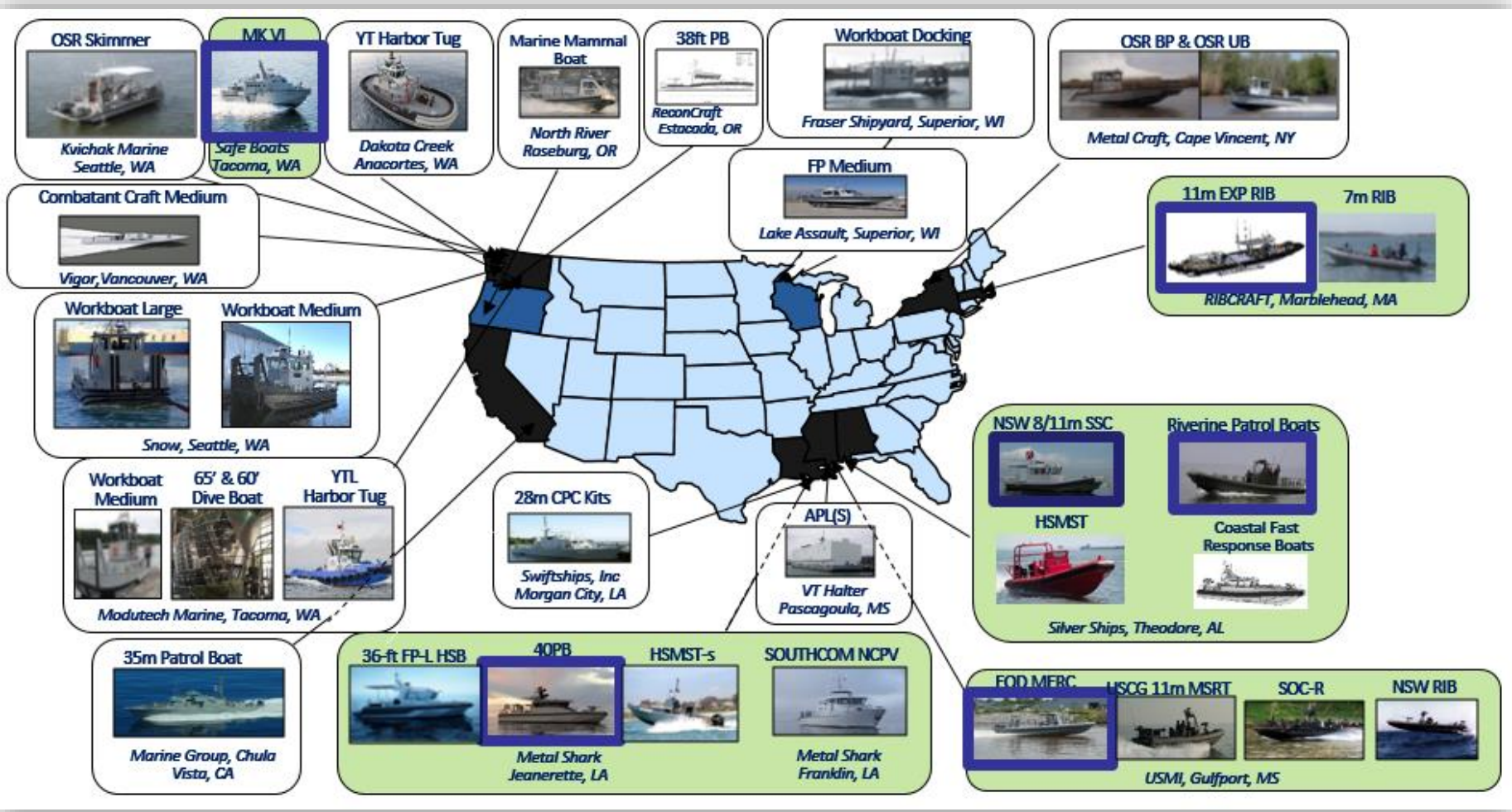


- PMS 300 provides Boats & Combatant Craft Acquisition and Life Cycle Management (LCM) services to Naval Expeditionary Combat Command (NECC), U.S. Fleet Forces Command (USFFC), Commander Navy Installations Command (CNIC), Naval Special Warfare (NSW), and other customer enterprises:
 - **NECC:** 40-ft Patrol Boat; Expeditionary 11m RIB; 9m Explosive Ordnance Disposal (EOD) Multi-Use Expeditionary Response Craft; Life Cycle Management for PBs and EOD RIBs/Craft
 - **USFFC/U.S. PACIFIC FLEET (PACFLT):** 7m & 11m Shipboard RIBs, 60 & 65 ft. Dive Support Boats
 - **CNIC:** Harbor Security Boats, Workboats, Oil Spill Response Boat, and Utility Dive Boats
 - **NSW:** 8m & 11m Surface Support Craft (Training)
 - **Other Customer Funds:** Offshore Supply Vessels & Training Support Vessels for USFFC, Naval Facilities Engineering Command (NAVFAC) & Naval Undersea Warfare Center (NUWC), Space & Naval Warfare Systems Command (SPAWAR), Marine Mammal for Naval Information Warfare Center, Fleet Survey Team Workboat for Naval Oceanographic Office (NAVO), USCG SPC-LE II, Strategic Systems Program HSB
- Providing high value products and support for diverse mission sets:
 - Escort, Anti-terrorism / Force Protection
 - Search and Rescue
 - Maritime Interdiction/VBSS
 - Personnel/cargo transport,
 - Environmental control
 - Ship/submarine repair & maintenance

Current Acquisitions Programs



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Strategic and Theater Sealift Program (PMS 385)

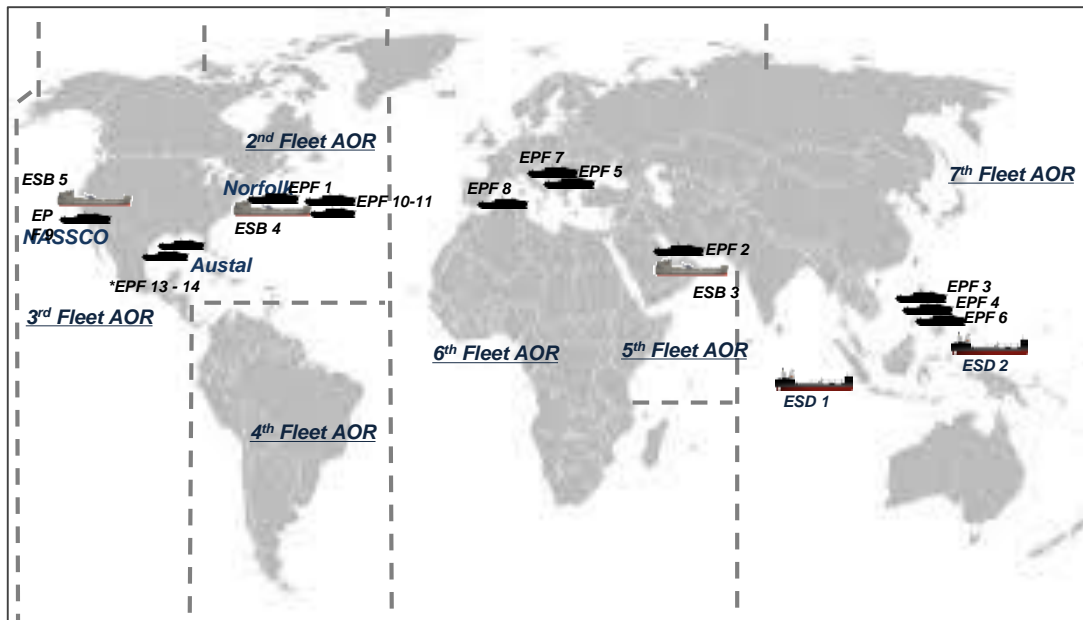
Mr. Jon D. Thomas
Deputy Program Manager

February 2022

Global Presence - ESB and EPF



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Expeditionary Mobile Base



Navy Exercising Ship Flexibilities across Broad Range of Missions:

- SOF - Intelligence, Surveillance and Reconnaissance (ISR)
- Humanitarian Assistance/ Disaster Relief (HA/DR)
- Theater Security Cooperation (TSC)
- Counter-Piracy Operations
- Mine Countermeasure Ops (MCM)
- Counter- Illicit Trafficking ...and more

Expeditionary Fast Transport



Portfolio Overview



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Expeditionary Mobile Base (ESB)

Supports AMCM, SOF, ISR, HA/DR, USMC SPMAGTF

- Command and Control for Mission Planning/Execution.
- Flight deck with 4x Level I/Class 2 operating landing zones
- Embarked force up to 250 military (incl. permanent MILDET 100)
- Mission Deck /Cargo Capacity to support boat/sled ops

Highlights:

- Originally a 3 ship program as MLP; 5 ships delivered since 2014
- ESB-6 and ESB-7 under construction
 - Deliveries scheduled in 2022 and 2023, respectively
- GD NASSCO, San Diego, CA is shipbuilder

Submarine Tender (AS (X)):

New forward-based submarine tenders will provide repairs, resupply, weapons to submarines and ships. Current submarine tenders have been in-service +40 years.

Highlights:

- Concept Refinement and Preliminary Design contract award in FY22.
- Lead ship construction start in FY24 with follow-on ship in FY25.
 - Commercial standards, ABS, and USCG regulations.
 - Use COTS and GFE POR systems and equipment.
- DD&C RFP Release Q4 FY23; contract award projected for Q3 FY24.

Expeditionary Fast Transport (EPF)

35 knot intra-theater transport of 600 tons of combat ready units over 1200 nautical miles; off-load in austere environments without shore infrastructure

- Supports sea-basing, OCO
- Flight deck with 1x Level 1 / Class 2 operating landing zone

Highlights:

- Originally a 10 ship joint program with Army; 12 ships delivered since 2012
- EPF-13 and EPF-14 under construction
 - EPF 13 - Autonomous Prototype
 - EPF 14 and Follow - Flight II (Medical Support)
- EPF-15 option exercised
- Austal USA, Mobile, AL is shipbuilder

Opportunities

- Sealift Recapitalization (Buy Used)
- AS (X) DD&C



Amphibious Assault and Connectors Program (PMS 317)

Captain Scot Searles

Program Manager

February 2022

PMS 317 Portfolio



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Pre-Systems Acquisition

Systems Acquisition

Sustainment

LAW



ACQUISITION RESPONSIBILITIES

LCU 1700



LCU



SSC

ACQUISITION AND SUSTAINMENT RESPONSIBILITIES



LCAC /
LCAC SLEP/E-SLEP

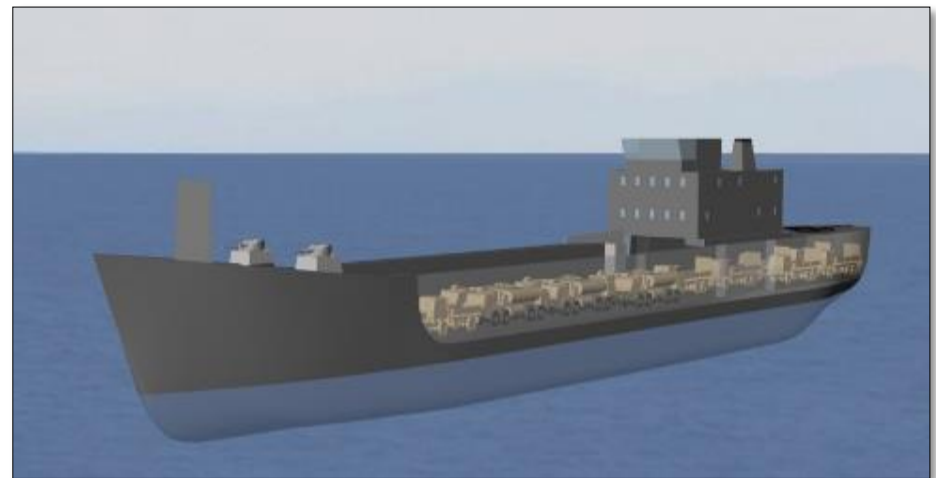
Light Amphibious Warship (LAW)



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Navy Indicative Baseline Design Concept

- Fills capability gap between multipurpose amphibians and connectors
- Key enabler for USMC's Marine Littoral Regiment and Expeditionary Advanced Base Operations
 - Provides protected maneuver and mobility for platoon-sized units



Ship to Shore Connector



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First Four Craft Delivered to the Navy



Recent Activities

USMC Vehicle Interface Testing



LCAC 101 6% Beach Holds



LCAC 102 PCD Arrival



LCAC 100/101 PCD Arrival



Beach and Overland Testing

LCU 1700



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- Twelve craft on contract with Swiftships
- Seven Craft (LCU 1700-1706) under construction
- Flexible stepladder options available for up to 32 craft through FY25





LPD 17 and LHA(R) Programs (PMS 377)

CAPT Cedric McNeal

Amphibious Warfare Program,
Program Manager

February 2022

Amphibious Readiness Group (ARG) Ship Evolution



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ARG - Now



LHD/LHA

Enables Operational Maneuver *from Sea*

Offers Improvements in:

- Capacity for Larger/Heavier Aircraft/Vehicles
- Self-Defense
- Survivability
- C4I
- Flexibility (Split ARG)
- Quality of Life

Enables Ship-to-Objective Maneuver

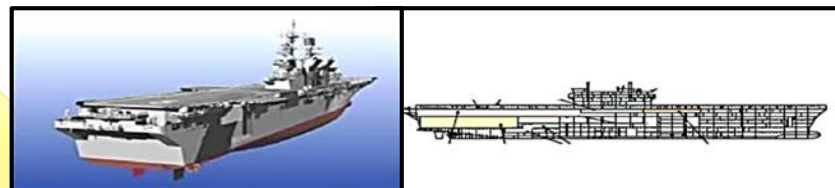


LPD 17 Flight I



LSD 41/49

ARG - Future



LHD/LHA(R) > LHA(R) Flt 1



LPD 17 Flight I



LPD 17 Flight II

Navy - Industry Partnership in Delivering Next-Gen Amphibious Platforms Critical to Enabling the USMC Mission

LHA(R) Program Overview



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DESCRIPTION / REQUIREMENTS

LHA(R) Program

- Replaces LHA 1 (Tarawa) Class Amphibious Assault Ships; Maintains Fleet Expeditionary Warfare capability
- Designed for 21st Century aviation and expeditionary operations across the full spectrum of military actions
- Provides an affordable and sustainable amphibious ship building program

PROGRAM STATUS

LHA 7: Flt 0 (LHA 6 and LHA 7) are aviation optimized LHD variants

- Ship delivered 28 Feb 2020
- Post Shakedown Availability ended 23 Dec 2021
- Obligation Work Limiting Date (OWLD) 28 Feb 2022
- Anticipate TRIPOLI to be ready to deploy later this Spring

LHA 8: Flt 1 (LHA 8 and LHA 9) modified FLT 0 with well deck added

- Fabrication commenced 15 Oct 2018; keel laying completed ahead of schedule on 14 Mar 2019
- Detail Design complete; topside GFE integration challenges exist and a topside design change is in process
- Physical Progress: 43% complete (4 Nov 2021)
- Will be delivered in 2025 with JSF modifications incorporated

LHA 9: Intended as a design/capability consistent with LHA 9

- LLTM, Advance Engineering/Planning awarded on 30 April 2020
- Anticipate award of Detail Design and Construction contract in FY23
- Proceeding with efforts needed to support start of construction

LPD 17 Program Overview



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- **LPD 17 Program Profile (26 ships)**
 - Eleven ships delivered and commissioned
 - Eleven ships transferred to In-Service
 - 28 completed or ongoing deployments
 - Three ships under construction
 - Flt II ships will replace LSD-41 class
- **LPD 28 – First LPD with “stick mast”**
 - 97% percent complete
 - Christened 21 August 2021
 - 2QFY2022 Delivery
- **LPD 29**
 - 63% percent complete
 - Launched 5 January 2022
 - 4QFY2023 Delivery
- **LPD 30 – First Flt II ship**
 - 15% percent complete
 - November 2021 Lay Keel Ceremony
 - 2QFY2025 Delivery
- **LPD 31**
 - Start of Construction planned Spring 2022

