



Amphibious, Auxiliary, and Sealift Shipbuilding Update



Mr. Matt Sermon

PEO Ships Executive Director

PEO Ships Portfolio



Program Executive Office, Ships



- Six major program offices supporting the execution of eight ACAT I, three ACAT III, one ACAT IV, three pre-ACAT programs and 30+ non-ACATs
- Cross program efforts focused on energy / power, Cyber, Procurement of Government Furnished Equipment, Training, and Acquisition Workforce Development
- 39 Battle Force Ships currently under construction or contract
- \$100.8B Total Obligation Authority (FY19-24 including backlog)
- 361 Civilians and 13 Military Personnel

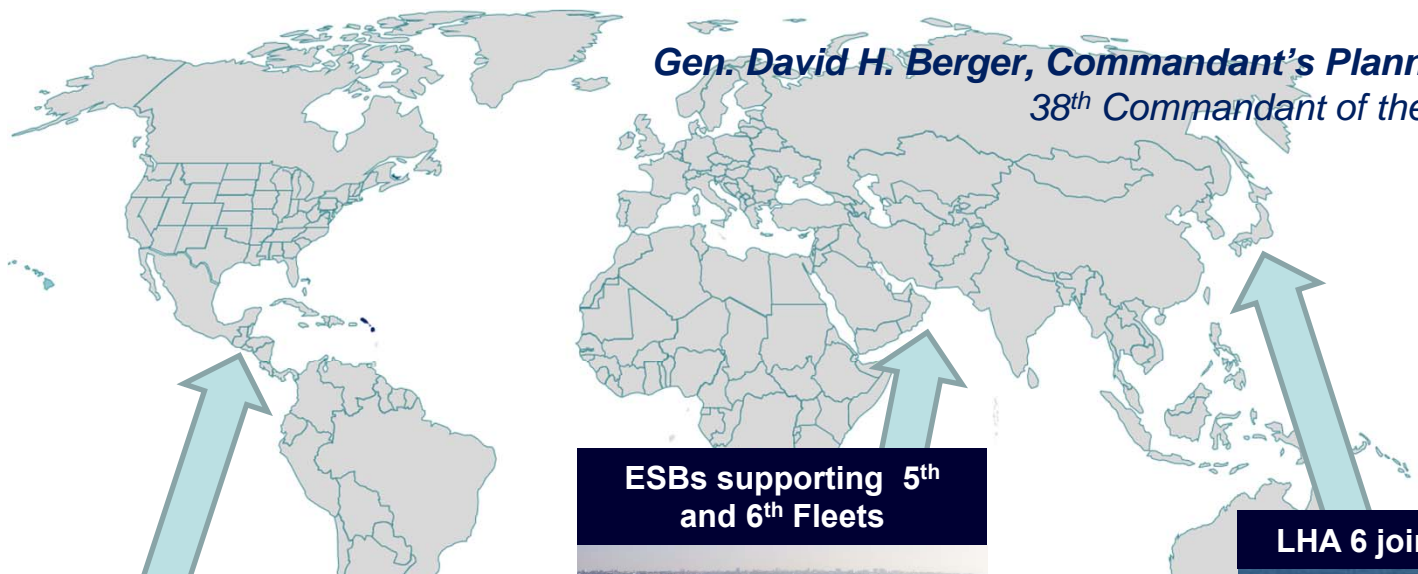
Navy Marine Corps Integration



Program Executive Office, Ships

The Marine Corps will be trained and equipped as a naval expeditionary force-in-readiness and prepared to operate inside actively contested maritime spaces in support of fleet operations.

Gen. David H. Berger, Commandant's Planning Guidance
38th Commandant of the Marine Corps



EPFs supporting 4th Fleet / USSOUTHCOM



USNS Spearhead (T-EPF 1) deploys to SOUTHCOM for Continuing Promise 2018, working with Honduras and Guatemala to provide medical services.

ESBs supporting 5th and 6th Fleets



USS Lewis Puller (ESB 3) is deployed to the U.S. 5th Fleet AOR in support of naval operations to ensure maritime stability and security in the central region.

LHA 6 joins 7th Fleet



USS America (LHA 6) joined the U.S. 7th Fleet forward-deployed amphibious force in Sasebo, Japan on December 6, 2019.

LHA(R) Class Overview



Program Executive Office, Ships

LHA(R) Flight 0... JSF centric

- *Tripoli (LHA 7) delivery planned for Q2 FY 2020*

LHA(R) Flight 1... reintroduces well deck

- *Bougainville (LHA 8) under construction, 7% complete*



LPD 17 Class Overview



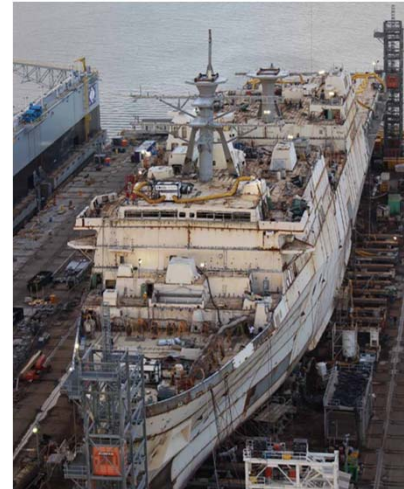
Program Executive Office, Ships

- **LPD 17 Program Profile (26 ships)**

- Eleven ships In-Service
- 23 deployments completed

- **Fort Lauderdale (LPD 28)**

- 60% percent complete
- March 2020 Launch
- May 2020 Christening
- 4QFY2021 Delivery



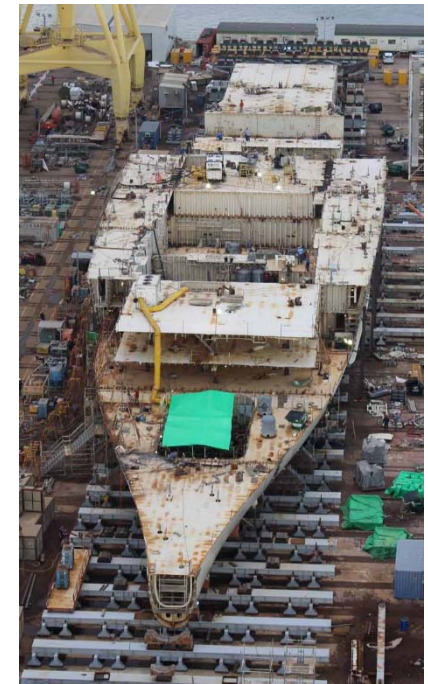
- **Richard M. McCool, Jr. (LPD 29)**

- 18% percent complete
- April 2019 Lay Keel
- 4QFY2023 Delivery



- **Harrisburg (LPD 30)**

- Awarded March 2019
- November 2019 Integrated Baseline Review
- 3QFY2020 Start Fab



T-AO 205 Class Overview



Program Executive Office, Ships

- **T-AO 205 Program**

- Fleet Replenishment Oiler
- 20 ship program
- Recapitalization of Henry J Kaiser (T-AO 187) Class oilers



- **John Lewis (T-AO 205)**

- 61 percent complete
- Delivery planned for summer 2021

- **Harvey Milk (T-AO 206)**

- Start of Construction – December 2019
- Keel Laying planned for June 2020



- **Earl Warren (T-AO 207)**

- Start of Construction planned for winter 2020

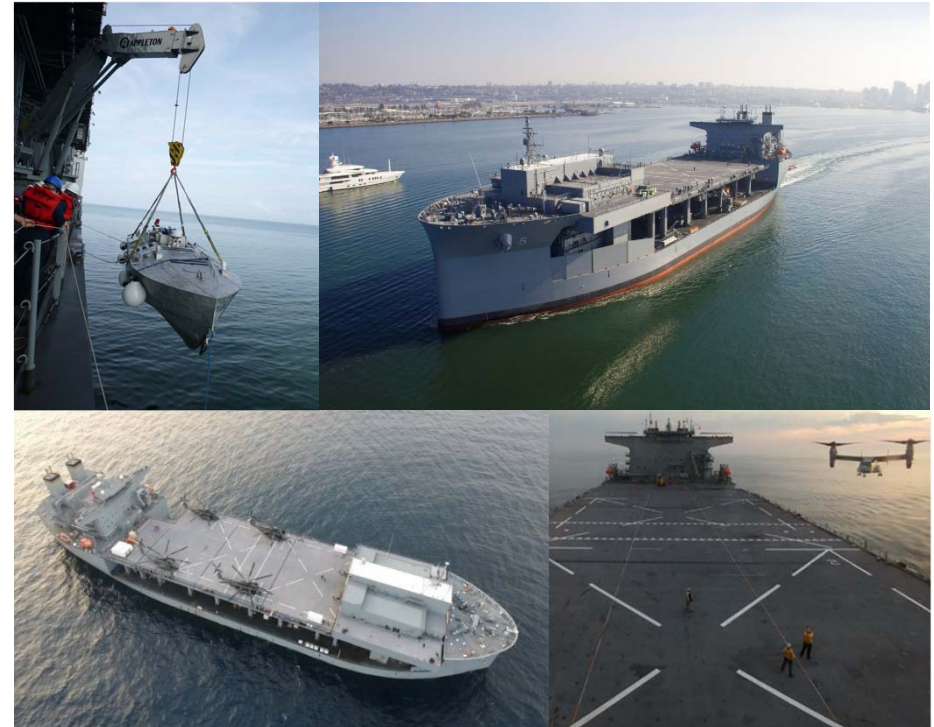
Expeditionary Sea Base Class Overview



Program Executive Office, Ships

- **Mission/Capabilities:**

- SOF
- Mine Counter Measures
- Humanitarian Assistance / Disaster Relief
- Command and Control for mission planning and execution
- Flight deck with four Level 1/Class 2 (Air capable) operating spots
- Embarked force up to 205 Military (incl. permanent MILDET 101)



- **Recent Accomplishments**

- ESB 5 Delivery Nov 2019
- ESB 4 MCM MP VOO Demo Sep 2019
- ESB 6/7 DD&C contract awarded Aug 2019

Supporting the Fleet for current and future missions

Expeditionary Fast Transport Class Overview



Program Executive Office, Ships

- **Mission/Capabilities:**

- Level 1 / Class 2 Flight deck (Air capable)
- 20,000 sq ft of Mission Bay Space (6 M1A2 MBT Capable)
- Seating and galley services for 312 Troops, berths for 104
- Slewing Stern Ramp
- Mine Counter Measures
- Humanitarian Assistance / Disaster Relief
- Counter-Piracy Operations
- Counter- Illicit Trafficking

- **Recent Accomplishments**

- EPF 11 – Delivery Nov 2019
- EPF 12 – Christening Nov 2019
- EPF 13 – Start of Fabrication Aug 2019
- EPF 13/14 – DD&C contract awarded Mar 2019

- **EPF Medical Transport Variant**

- FY 2020 Defense Appropriations Act funds for EMT mod for EPF 14

35 knot intra-theater transport of over 600 tons of combat ready units over 1200 nautical miles



Amphibious Warfare Craft Overview



Program Executive Office, Ships



LCU 1700

Next Milestone Reviews:

- Critical Design
- Production Readiness



Ship to Shore Connector

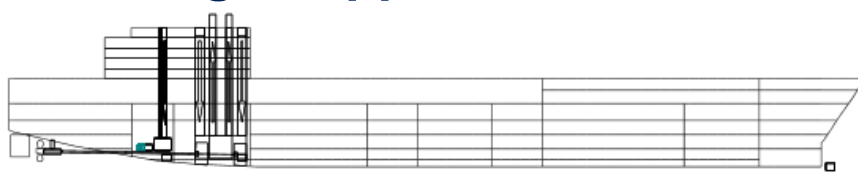
- LCAC 100 Builder's Trials Completed
- LCAC 101 on cushion

Sealift / Auxiliary Recapitalization



Program Executive Office, Ships

- **Current sealift and auxiliary fleet approaching end of service**
- **Navy and DOT (MARAD) established an Integrated Program Office to buy used sealift vessels.**
- **PEO Ships initiated CHAMP as the “buy new” piece of Sealift recapitalization. May 2019 Industry Studies awarded to four shipyards for cost capability trade-offs (Bollinger, NASSCO, VT Halter, Philly Shipyard)**
- **Looking at opportunities to accelerate Sealift and Sub Tender**



Sealift and Auxiliary Recapitalization Required

Special Mission Ships



Program Executive Office, Ships

- **T-AGOS(X)**

- Recapitalization of Navy's Auxiliary General Ocean Surveillance ships
- Industry Studies RFP planned release – Q2 FY20
- Industry Studies RFP planned award – Q3 FY20



T-AGOS(X) Notional Concept

- **T-ARC(X)**

- Recapitalization of Navy's cable laying and repair capability
- Industry Studies RFP planned release – Q3 FY20
- Industry Studies RFP planned award – Q4 FY20



T-ARC 7 (USNS ZEUS)

- **T-AGS 67**

- Repeat platform of T-AGS 66 supports recapitalization of T-AGS 60 Class
- Oceanographic Survey ship with modifications to support Unmanned and Autonomous Undersea Vehicle capability



T-AGS 60 Class