PMS 385
Strategic and Theater Sealift
Program Office

Surface Navy Association Symposium
January 16, 2019

CAPT Scot Searles, USN
Program Manager

DISTRIBUTION STATEMENT A: Approved for Public Release; Distribution is Unlimited
PMS 385 Shipbuilding Programs

- Expeditionary Fast Transport (EPF)
  - Originally a 10 ship joint program with Army
  - Now 14 ship program under Navy direction
  - Austal USA of Mobile, AL is the shipbuilder
  - Negotiations in progress for the EPF 13/14 construction contract

- Expeditionary Mobile Base (ESB)
  - Originally a 3 ship program as Mobile Landing Platform (MLP) program
  - 7 ships now funded (ESD 1 & 2, ESB 3 thru 7)
  - GD NASSCO of San Diego, CA is the shipbuilder
  - Negotiations in progress for the ESB 6/7 construction contract

- Common Hull Auxiliary Multi-Mission Platform (CHAMP)
  - Sealift and Auxiliary Missions
  - Industry Day held 23 May 2018
  - RFP for Industry studies to be released in Jan 2019
## Delivering Ships

### Expeditionary Fast Transport - EPF

<table>
<thead>
<tr>
<th>Ship Name</th>
<th>Delivery Date</th>
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<tbody>
<tr>
<td>EPF 1 USNS SPEARHEAD</td>
<td>5 Dec 12</td>
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<tr>
<td>EPF 2 USNS CHOCTAW COUNTY</td>
<td>6 Jun 13</td>
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<td>EPF 3 USNS MILLNOCKET</td>
<td>21 Mar 14</td>
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<td>EPF 4 USNS FALL RIVER</td>
<td>15 Sep 14</td>
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<td>EPF 5 USNS TRENTON</td>
<td>13 Apr 15</td>
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<td>EPF 6 USNS BRUNSWICK</td>
<td>14 Jan 16</td>
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<td>EPF 7 USNS CARSON CITY</td>
<td>24 Jun 16</td>
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<td>EPF 8 USNS YUMA</td>
<td>21 Apr 17</td>
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<tr>
<td>EPF 9 USNS CITY OF BISMARCK</td>
<td>19 Dec 17</td>
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<td>EPF 10 USNS BURLINGTON</td>
<td>15 Nov 18</td>
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### Expeditionary Transfer Dock - ESD

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<tr>
<td>ESD 1 USNS MONTFORD POINT</td>
<td>14 May 13</td>
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<td>ESD 2 USNS JOHN GLENN</td>
<td>12 Mar 14</td>
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### Expeditionary Sea Base - ESB

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<tr>
<td>ESB 3 USNS LEWIS B. PULLER</td>
<td>12 Jun 15</td>
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<tr>
<td>ESB 4 USNS HERSHEY “WOODY” WILLIAMS</td>
<td>22 Feb 18</td>
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<tr>
<td>Commissioned USS</td>
<td>17 Aug 17</td>
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DISTRIBUTION STATEMENT A: Approved for Public Release; Distribution is Unlimited
**It’s All About Ships**

PMS 385 has delivered 14 Battle Force ships in just over 6 years

### Delivery Schedule

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ESB System Description

**Missions:**
Support Aviation-Mine Counter Measure (AMCM) and Special Operations Force (SOF) operations

**Description:** Provides four core components:
1. Aviation – Flight deck four Level 1/Class 2 Op Spots
2. Berthing – Accommodations for 250 military
3. Equipment Staging – Mission deck ~65K sqft storage and supports launch/recovery of boats and sleds
4. Command and Control – C4I spaces, hardware/backbone for mission planning and execution

**Employment:** Hybrid CIVMAR/MILDET crew operated as USNS or USS ship. Additional capabilities are under consideration, including MIW vessel of opportunity

Designed/constructed to commercial ship standards. Navy standards and certifications applied to mission-related ship functions. Operated by a 34-person Military Sealift Command crew and 101 permanent MILDET.
USS LEWIS B. PULLER (ESB 3)
Supporting the Fleet

USNS LEWIS B. PULLER sailed away 10 July 2017; commissioned USS 17 August 2017
EPF System Description

**Mission:** Rapid Transport

**Description:** Provides CCDRs a 35 knot intra-theater transport of 600 tons of combat ready units over 1,200 nautical miles with ability for off-load in austere environments without reliance on shore infrastructure

**Employment:** Provides the ability to transport combat ready units rapidly over intra-theater distances without reliance on shore based infrastructure and in austere environments

- Intra-theater Littoral Maneuver
- Seabasing Support
- Support to Overseas Contingency Operations

*EPF with Adaptive Force Packages supports a broad range of strategic missions*
Expeditionary Fast Transport – EPF in the Fleet

EPF 1-10 in service; 11-12 deliveries planned every 8 months; 13-14 in negotiations
CHAMP Proposed Missions

Medical Services
- Primary: Provide rapid, flexible, and mobile acute health services support to customers deployed ashore and afloat.
- Secondary: Provide mobile surgical hospital service and acute medical care in disaster or humanitarian relief.

Command and Control
Provide command, control, communications, computers, and intelligence support (C4I)

Sealift: Prepositioning
Provide strategically placed military equipment and supplies aboard ships located in key areas to ensure rapid availability during war, humanitarian operation or other contingency.

Sealift: Surge
Provide strategic sealift capability in support of the deployment of heavy, mechanized combat units worldwide, including hazardous, explosive, vehicular, containerized, and general cargo.

Submarine Tending
- Primary: Intermediate Maintenance Activity (IMA) on attack submarines.
- Secondary: Reload torpedo and tomahawk missiles.
- Secondary: Radiological emergency response.

Potential Future Missions
- The final product could be used for other potential missions due to its flexible nature

Aviation Intermediate Maintenance Support
- Primary: To provide dedicated sea-lift for rapid movement of the aviation intermediate level support needed to sustain USMC fixed and rotary-wing aircraft.
- Secondary: To provide for strategic-lift in a conventional container or Roll-On/Roll-Off (RO/RO) configuration.
CHAMP Sealift Strategy

Prepositioned Vessels (Full Operational Status)

New construction Sealift vessels will be delivered to the Maritime Prepositioning Force (MPF) – strengthening the Fleet’s ability to support employment across the full range of military operations.

Former “Prepo” Vessels
Rotate to MSC Surge Fleet as CHAMP delivers

MSC Surge Fleet
(Reduced Operating Status)

“Buy Used” Vessels

MARAD Ready Reserve Force (RRF)
(Reduced Operating Status)
CHAMP - The Need for Recapitalization

• Demand signal for expeditionary logistics to support advanced warfighting capabilities outpacing aging fleet
• Current auxiliary/sealift fleet approaching end of service; future mission assurance at risk
• Current vessels have disparate designs over multiple classes; drives increased lifecycle costs
• *Sealift That the Nation Needs* defines a three-phase Sealift Recapitalization approach: Service Life Extension, Acquire Used, New Construction (Common Hull Auxiliary Multi-mission Platform “CHAMP”)
• In order to procure more than 2 used ships, SECNAV must certify that Navy has initiated an acquisition strategy for the construction of no fewer than 10 new sealift vessels with lead ship delivery no later than 2026

### PB19 Retirement Schedule

|                          | Avg Age | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | Total |
|--------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|     |
| Strategic Sealift        | 40      | 1    | 2    | 1    | 1    | 7    | 4    | 8    | 13   | 2    | 4    | 5    | 8    | 2    | 58   |
| Submarine Tender (AS)    | 38      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2    |
| Aviation Log (AVB)       | 48      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2    |
| Hospital (AH)            | 42      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2    |
| Command Ship (LCC)       | 47      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2    |
| Total                    |         | 0    | 0    | 0    | 0    | 1    | 2    | 1    | 1    | 8    | 1    | 5    | 9    | 13   | 2    | 4    | 6    | 9    | 0    | 2    | 2    | 66   |

Sealift and Auxiliary Recapitalization Required
Program Status

- **EPF**
  - EPF 11 and 12 under construction
  - Working EPF 13/14 contract with Austal
  - Studies underway to expand aviation capability and operation in higher sea states

- **ESB**
  - ESB 5 recovery progressing on schedule
  - Working ESB 6/7 contract with NASSCO
  - Studies underway to increase mine warfare capability

- **Common Hull Auxiliary Multi-Mission Platform (CHAMP)**
  - Industry Studies RFP to be issued January 2019 (planned award March)
PMS 385 Ships Global Presence
(Owned and Operated by Military Sealift Command)

Navy Exercising Ships’ 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