Mission
Manage the design, construction, and post-delivery of small combatants for international customers; balance cost, performance, and schedule requirements

Vision
Enhance global security through the development of international maritime capability and strategic partnerships

PMS 525 is the USN program office responsible for the acquisition, execution, and overall case management of the FMS process of small combatants with our allies and coalition partners
What is a “Small Combatant?”

- Range of 3,000-5,000 metric tons
- Can operate in littoral or open water environment
- AAW, SUW, and/or ASW capable
- Origins in USN LCS or FFG(X) baselines
- Potential for modular mission packages or tailored capability
LCS delivers mission-focused capability to the Fleet

PEO USC Portfolio

PMS 525 manages the FMS combatant portfolio for PEO USC

As of April 2019
PEO USC Portfolio of Small Combatants

LCS Independence
- Aluminum Trimaran
- Program Of Record (POR)
- 3100 tons
- 127M and 40+kn
- Inherent Anti-Air Warfare (AAW) Capability
- Modular Mission Capability:
  - Anti-Submarine Warfare (ASW)
  - Surface Warfare (SUW)
  - Mine Countermeasure (MCM)
- MH-60 Integration

LCS Freedom
- Steel Monohull with Aluminum Deckhouse
- Program Of Record (POR)
- 3500 tons
- 118M and 40+kn
- Inherent Anti-Air Warfare (AAW) Capability
- Modular Mission Capability:
  - Anti-Submarine Warfare (ASW)
  - Surface Warfare (SUW)
- MH-60 Integration

Multi Mission Surface Combatant (MMSC)
- Currently available; international variant based on LCS baseline (FREEDOM or INDEPENDENCE)
- 4000-4200 tons
- 118M and 30+kn
- Inherent mission capability with growth based on partner requirement
- Can include:
  - Anti-Submarine (ASW)
  - Anti-Air Warfare (AAW)
  - Surface Warfare (SUW)
  - MH-60 Integration

Guided Missile Frigate (FFG(X))
- In the Conceptual Design Phase; availability post 2025
- 5000-7500 tons
- Will include the following capabilities:
  - Anti-Submarine Warfare (ASW)
  - Anti-Air Warfare (AAW)
  - Surface Warfare (SUW)
  - Electronic Warfare (EW)
Total Package Approach

- **Ships**
  - # of Combatants required; design, engineering, and production

- **Ordnance**
  - Full load of ordnance to include ammunition

- **Training**
  - Crew training

- **Testing**
  - Post Delivery through Sail-Away

- **Sparing**
  - Initial with additional years (depending on package)

- **Infrastructure**
  - Could include support buildings, training facilities, or shipyard support

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*PMS 525 will execute FMS case from requirements definition to case closure*
Foreign Military Sales (FMS)

• FMS is a DoD program that facilitates the sales of U.S. defense equipment, services, and military training to foreign governments

• PMS 525 develops and executes FMS cases for combatants within the PEO USC portfolio in close coordination with U.S. stakeholders

• Benefits of FMS:
  − Leverages USN investment in combatant capability development
  − Presents economies of scale for acquisition, production and sustainment
  − Achieves commonality and interoperability, enhancing bilateral, regional, and global partnerships

FMS Supports CNO 2.0 Purple Goal to Expand and Strengthen Our Network of Partners
Current MMSC Program

• 2019: Lockheed Martin and Fincantieri Marinette Marine executing MMSC design
• 2019: Detailed Design & Construction contract award expected
• 2020-2025: Production of four MMSC ships
• Benefits to customer include:
  – Enhances and modernizes maritime force for deterrence of regional threats and protection of critical industrial infrastructure
  – Supports regional interoperability with USN
  – Leverages USN shipbuilding expertise and experience
Multi-Mission Surface Combatant (MMSC)

**Mission Capability**

**Description:** MMSC is a modifiable, capable, multi-mission platform built for operation in littoral environments. It incorporates survivability and lethality, leveraging USN investment in both the MH-60R and combat system integration. MMSC presents economies of scale for efficient acquisition, capability commonality, and LCS reciprocity for long term support. Displacement: 4,000 – 4,200 MT

**Mission:** Tailorable to mission requirements for Anti-Submarine Warfare (ASW), Surface Warfare (SUW), and Anti-Air Warfare (AAW)

**Employment:** Operate independently or integrated with a Task Force to conduct offensive and defensive Surface, Anti-Submarine, and Anti-Air Warfare

**MMSC provides tailorable capability based on partner requirements, with growth potential from the LCS baseline. MMSC leverages USN-proven operational capability and sustainability.**
Why PMS 525?

• **Tailorability**
  - Ability to design and scale capability packages/mission modules based on customer needs
  - Potential to support joint, international production in customer shipyards

• **Experience**
  - Well rounded mastery of ship design, construction and testing with associated ordnance, training, logistics and infrastructure in the FMS context

• **Effectiveness**
  - Delivery of highly capable small, surface combatants to support security goals

*PMS 525 combines acquisition and support expertise with FMS case management experience*