The Business of PEO LCS

LCS Seaframes

Fleet Introduction

Mission Modules

Accelerating Innovation through Open Architecture!
Littoral Combat Ships

• Modular open systems architecture
  – Flexible system for dynamic battle space
  – Advanced unmanned air, surface, and underwater vehicles
  – Onboard sensors, weapons, command & control
  – Mission modules interchangeable
  – Maximizing interchangeable components within modules

• Optimized for warfighting in the littoral
  – Unique designs for unique environment
  – Fast, maneuverable, shallow draft

• Targeted at critical capability gaps
  – Reconfigurable single mission focus
  – Mines, small fast surface craft, diesel submarines

• Joint Force multiplier
  – Fully netted with battle force
What is different about LCS?

- Small crew size – Smaller organic workforce aboard ship
- Train to Qualify/Train to Certify
- Ship designed with less redundant systems, but more planned Steaming Hours with multiple crews
- Programmed operating and shortened regular maintenance cycles
- Mission Module maintenance ashore
- Management and execution of “Command Programs” moved ashore
- First class of ship with Material Reliability and Availability metrics in the Acquisition Strategy
PEO LCS History

- 01 Feb 02  ASN (RDA) Established LCS Program Office
- 17 Mar 03  PEO (Ships) given overall responsibility for Program Management, PEO (LMW) for Mission Modules and PEO (IWS) for Warfare System development and integration
- 05 May 11  ASN(RDA) memo directs formation of PEO LCS:
  - Reorganization will include the following offices:
    - Littoral Combat Ship program (PMS 501)
    - LCS Mission Modules (PMS 420)
    - Remote Minehunting System (PMS 403)
    - Unmanned Maritime Systems (PMS 406)
    - Mine Warfare (PMS 495)
    - Fleet Introduction (PMS 505)

EFFECTIVE 11 JUL 2011, THE OFFICES THAT MANAGE THE SEAFRAME AND MISSION MODULE PROGRAMS WERE COMBINED UNDER A SINGLE PROGRAM EXECUTIVE OFFICE – PEO LCS
Near Term Focus

- Improve program **integration and execution**
  - Balancing the demands of program cost, schedule and performance requirements so that we may deliver and sustain timely, credible Littoral Combat Ship capability to the Fleet

- Formally establish a LCS **Fleet Introduction Program Office**, with defined roles, missions and staff
  - Support the **requirements** of Littoral Combat Ships, the **integration** of aviation capabilities, and improve test and evaluation efforts

- Assess proposed LCS new mission capability, ensuring that we sustain ship design **stability and affordability** throughout our contracted block procurements.
• Combine all aspects of LCS Fleet Introduction and Sustainment under one Program Office
  – Encompasses the functions and responsibility currently residing in multiple program offices within NAVSEA
  – Provides a single point of entry for the Fleet, Type Commander, and the Maintenance and Sustainment communities
  – Seaframe and Mission Package training will be broken out from their respective Logistics departments (under PMS 501 and PMS 420) and integrated in one department under PMS 505
    ▪ Increased focus on Manpower, Personnel, Training
  – New construction and in-service Logistics support will be combined to leverage experienced support personnel
  – Establish and manage maintenance processes that will support the full service lives of the ships and mission modules

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It is time to:

• Bring together the focused mission capabilities we need to address today’s and tomorrow’s threats, while retiring yesterday’s systems

• Seek, more actively, the thoughts of the fleet and learn from the past two years of LCS operation

• Get these capabilities through operational testing

• Consider, in innovative ways, where the unique LCS design philosophy can take us in new mission roles
Questions