

# Small Business Industry Day Undersea Systems

PEO Sub, PEO IWS and PEO LCS

August 18, 2016





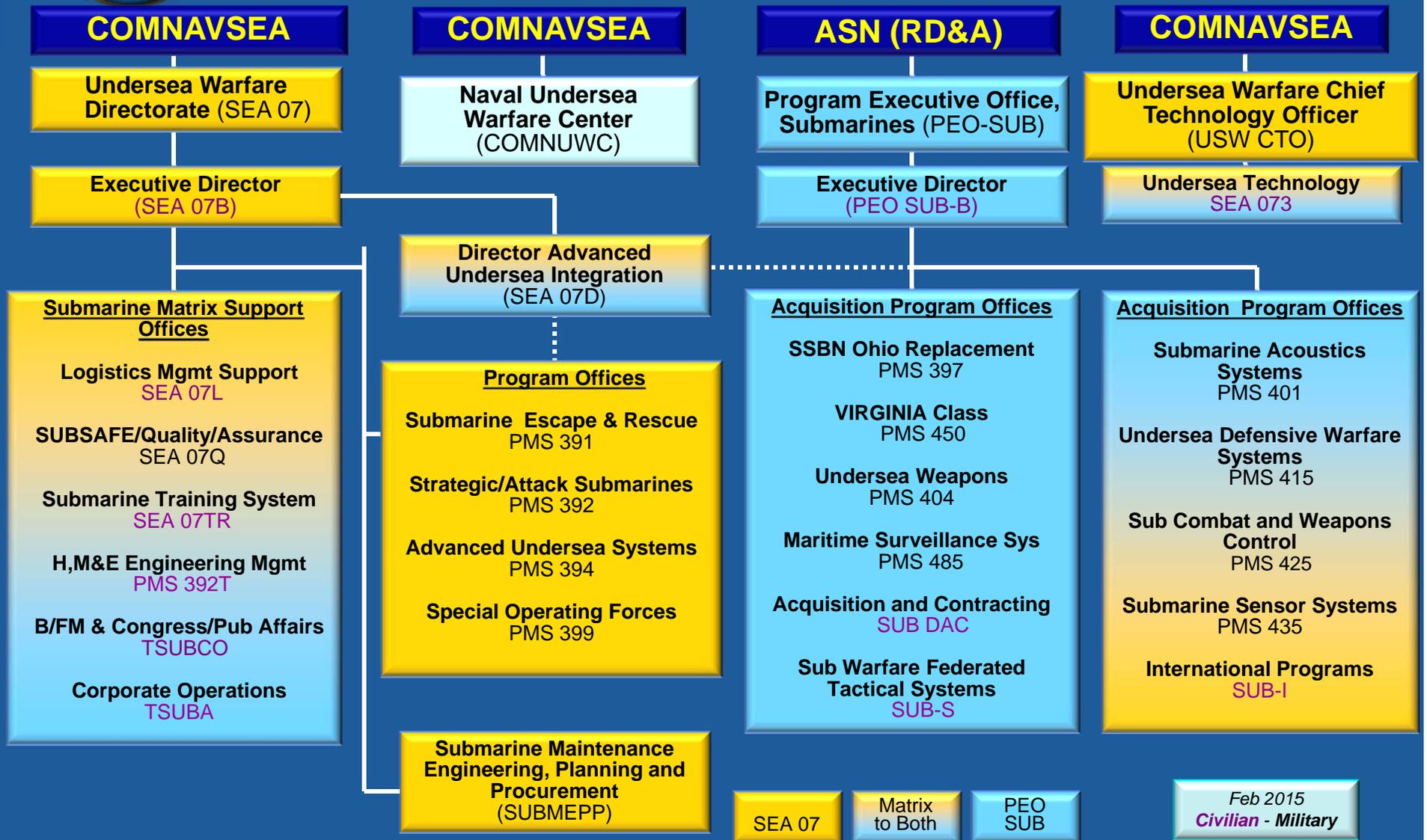
# PEO SUB Portfolio

- VIRGINIA Class SSN
- OHIO Class Replacement
- Torpedo Defense Systems (Surface Ship and Submarine)
- Periscopes, Photonics, Imaging Systems
- Integrated Undersea Surveillance System
- MK 48 Heavyweight Torpedo
- MK 54 Lightweight Torpedo
- Electronic Warfare Systems and Antennas
- Sonar Systems and Sensors (A-RCI)
- Combat and Weapons Control System (AN/BYG-1)
- International Agreements





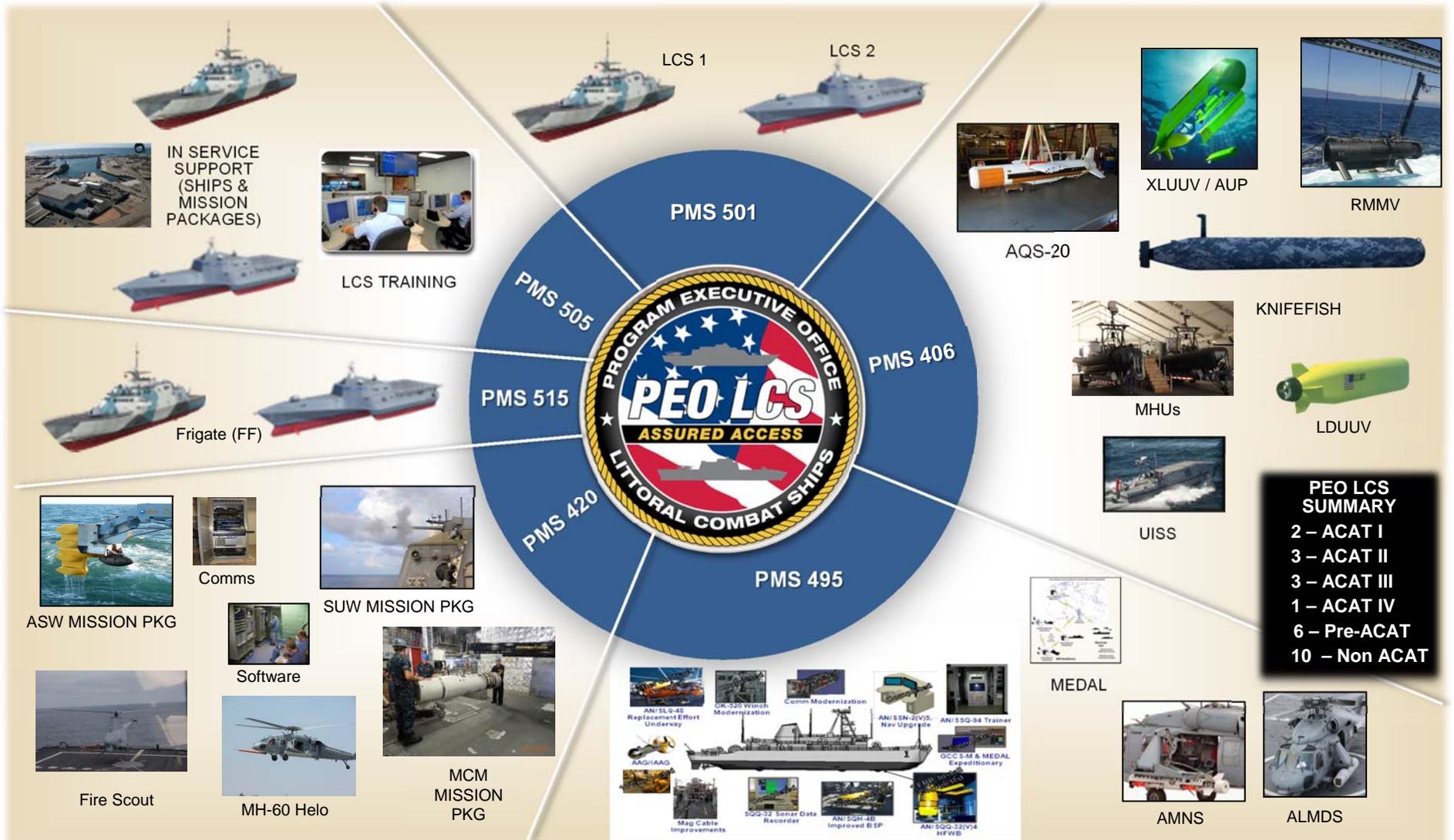
# Team Submarine Organization Chart





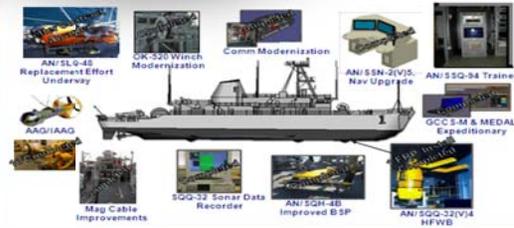


# PEO LCS Portfolio



**PEO LCS SUMMARY**

- 2 – ACAT I
- 3 – ACAT II
- 3 – ACAT III
- 1 – ACAT IV
- 6 – Pre-ACAT
- 10 – Non ACAT





# Littoral Combat Ship



Two different ship variants that meet the same requirements:



- Lockheed Martin Monohull
- Austal Trimaran
- 40 Small Surface Combatants Planned
  - Ships 1-28 Modular LCS (MCM, SUW, ASW)
  - Ships 29-40 Frigate (FF) (Multi-mission SUW/ASW)
- Common MP to Seaframe Interface; governed by an Interface Control Document (ICD)



## Modular Mission Packages

- Mine Countermeasure (MCM), Surface Warfare (SUW), Anti Submarine Warfare (ASW)
- Acquired from multiple sources (gov't/industry)
- Advanced manned /unmanned vehicles & sensors
- Embarked for single, focused missions
- Conformance to ICD provides for embarkation of any Mission Capability



## Fleet Introduction and Sustainment

- Readiness; Manpower, Personnel, and Training; Fleet Introduction; Logistics; Mission Package Support