

2011 Integrated Warfare Systems Conference

*Amphibious Ship Integration Manager (IWS 8.0)
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Agenda

- Role of the SIPM
- PEO IWS 8.0 Organization
- PEO IWS 8 Priorities
- Amphib Combat System Modernization
- Potential Industry Opportunities
- Take-Aways



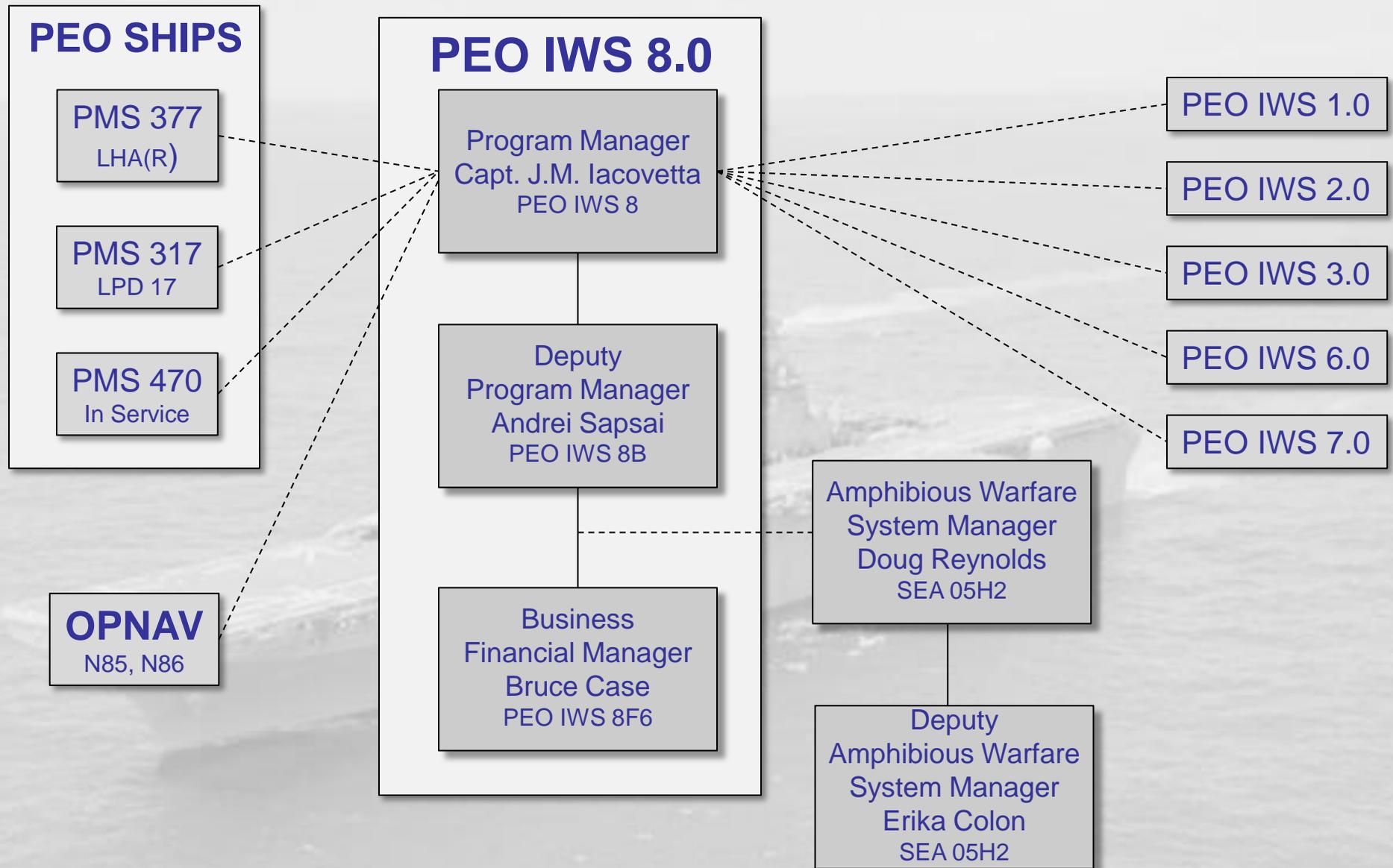
Role of the SIPM

PEO IWS 8.0 is the Mine, Amphibious, Auxiliary, and Command (MAAC) System Integration Program Manager (SIPM) and is responsible for:

- Oversight of the LHA/LHD Class, LPD Class, LSD Class, and LCC Class Warfare Systems design, development, integration, test and certification efforts.
- Coordination and integration of all PEO IWS Combat System Elements into the Amphibious fleet, both new construction and In-Service



Mine, Amphibious, Auxiliary, and Command (MAAC) System Integration Program Manager (SIPM) Organization



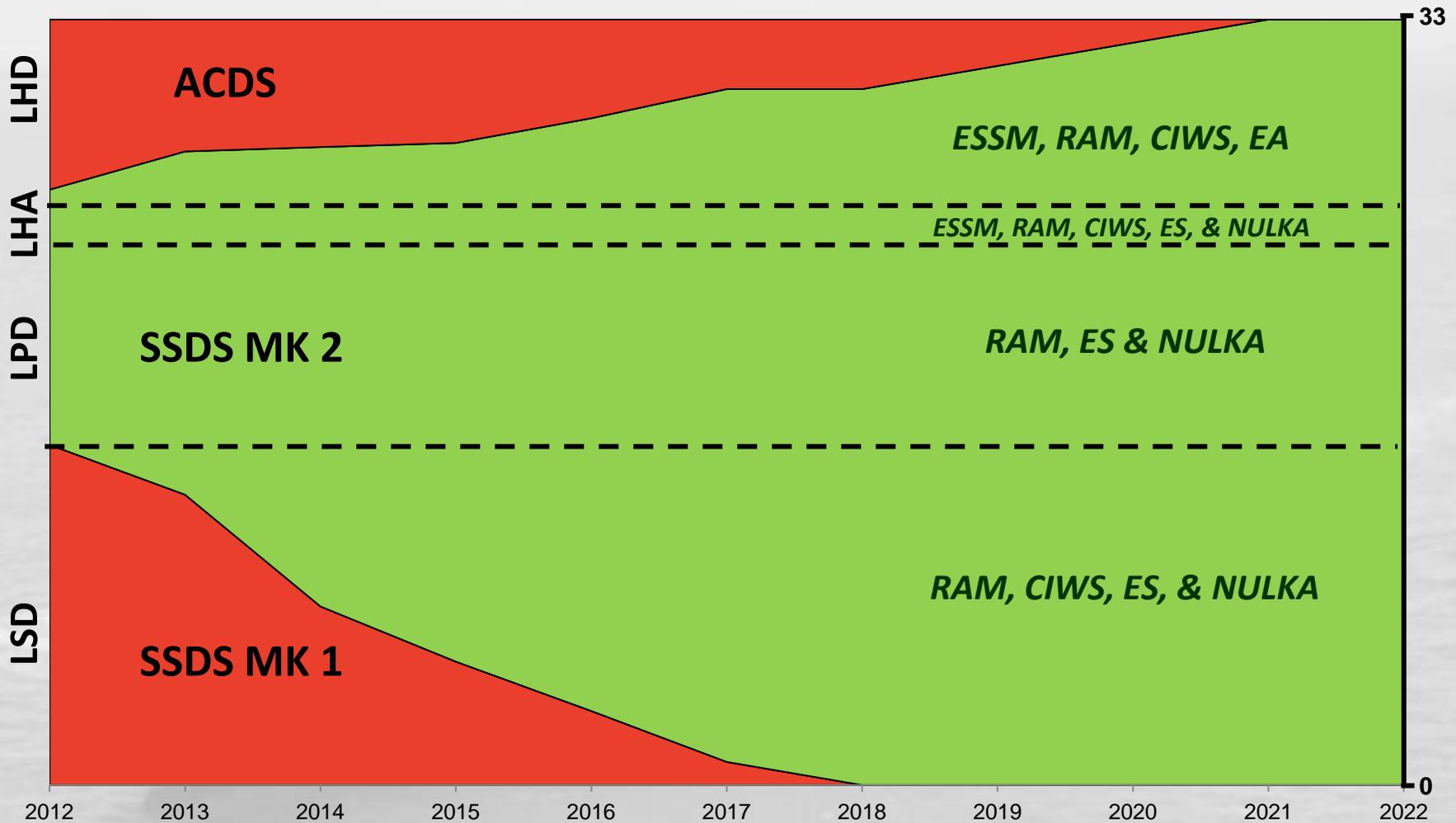


Priority of Capability to the Amphibious Fleet

- Self-Defense
 - Improved Probability of ASCM Raid Annihilation (P_{RA})
 - Improved Small Boat Defense
 - Low Velocity Air Threats (LVATs)
- Interoperability
 - Fleet (SSDS & Link16, CEC, CDLMS, SGS/AC)
 - Joint Strike Fighter (F-35B)
- Sustainability
 - Extend Service Life
 - Lower Operating Cost
 - Improved Operational Availability
- Training
 - Operator & Team



Amphib Combat System Modernization



Single Source SSDS Library



Potential Industry Opportunities

Amphibious Ship RADAR (Air / Fire Control) Replacement

LSD(X)

LHA(R) Flight 1



Next generation NAV – AN/WSN-7, AN/WSN-7B
Replacement



AN/UYQ-70 Life-Cycle Support



Cost Avoidance

- Transition to Open Architecture
- Shared Aegis/SSDS Advanced Capability Build (ACB) software development approach
- Take advantage of quantity buying opportunities
- Capitalize on Lessons Learned on repetitive tasks
- Should Cost/Will Cost analyses prior to purchase
- Limit Engineering Change Proposals (ECPs) post Contract Award



Take-Aways

- Budgets are tight and getting tighter; Global commitments remain
 - USN will be required to “Do more with less”

An aerial, slightly faded photograph of a US Navy fleet at sea. In the foreground, a large amphibious transport dock (LPD) is visible, with the number '6' on its side. Behind it, several other ships, including a destroyer and a cruiser, are part of the formation. The text 'COST EFFECTIVE & CAPABLE SOLUTIONS WILL BE REQUIRED' is overlaid in bold blue letters across the center of the image.

**COST EFFECTIVE & CAPABLE
SOLUTIONS WILL BE REQUIRED**

