Mr. Chris Deegan
Executive Director
Program Executive Office Integrated Warfare Systems

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Challenge

Can a qualified third party – Big or Small . . .
– add,
– modify,
– replace,
– remove, or
– provide support
for a component of a system, based on open standards and published interfaces.
Program Executive Officer
Integrated Warfare Systems

- The PEO IWS organization is aligned to develop, procure and deliver Enterprise Warfighting Solutions for Surface Ships
- PEO IWS has life cycle responsibilities for combat system performance, design management, systems engineering, installation, integration, test, maintenance and disposal

INNOVATION
- APLs
- Industry
- NSWC
- NUWC
- ONR
- SBIR/SST
- DARPA
- Aegis BMD

DELIVERY
- 238 USN Ships
- 8 USCG Ships
- 25 Nations
- PEO IWS executes 211 FMS Cases at $567M funding level

The PEO IWS organization is aligned to develop, procure and deliver Enterprise Warfighting Solutions for Surface Ships

PEO IWS has life cycle responsibilities for combat system performance, design management, systems engineering, installation, integration, test, maintenance and disposal
Five Areas for Improvement

• Target Affordability and Control Cost Growth

• Incentivize Productivity and Innovation in Industry

• Promote Real Competition

• Improve Performance in Services Acquisition

• Reduce Non-Productive Processes and Bureaucracy

Ashton Carter, Under Secretary of Defense for Acquisition, Technology & Logistics, September 14, 2010
• A data rights license comes with delivery
• Navy will exercise data rights strategically
• Use data rights to escape vendor lock
• Proprietary systems will fully disclose interface definitions
OA Accomplishments Across the Navy

- Submarine Warfare Federated Tactical Systems (SWFTS) model
- Acoustic Rapid COTS Insertion (ARCI)
- Littoral Combat Ship (LCS)
- SHARE on Forge.mil
- AN/SQQ-89A(V)15 Sonar
- NAVAIR Contracts Openness
- Mine Warfare Environmental Decision Aids Library (MEDAL)
- Maintenance Free Operating Period (MFOP)
- Consolidated Afloat Network Enterprise Services (CANES) Early Adopter Installations
- USMC Combat Operations Center (COC)
History of the *Contract Guidebook*

- **The Naval OA Contract Guidebook for Program Managers**
  - ver. 2.0, Oct 2007

- **USD AT&L endorsed Navy’s OA Contract Guidebook**
  - Better Buying Power

- **Lessons learned and best practices from practitioners across DoD’s acquisition community.**
  - DoD OA CGB for PMs ver. 1.0, December 2011

- **The OA Contract Guidebook for Program Managers**
  - Billions of dollars in contract awards
  - Compendium of best practices

- **Guidebook utilization tool**
  - Used by IWS successfully
System Performance Improvements Through Incremental Development

**PEO IWS Rapid Capability Improvement Process**

- **Upgrades/Enhancements/Supportability**
- **System Integration Testing Certification**

**IWS5A Technology Assessment**

**Advance Development Environment**

**IWS5 AN/SQQ-89(V)**
- PMS 401 - ARCI
- PMS 425 - BYG-1
- PMS 435 - ISIS
- Production System

**Operational Environment**

**Performance Measurement Programs**

**EMP**

- Tactical Systems “Apples-to-Apples”
- Embedded Data Collection

- **• Improved Modeling, Assessments**
- **• Requirements Generation**
- **• Employment Guidelines Development**
- **• Tactics & Training**

**A Proven Process for Rapid Capability Improvement**
# USW ACB Business Model

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**ACB’s named for year first delivered to the fleet.**
**TI’s named for first of two year procurement.**
Surface Ship USW Combat Systems
Legacy to Future Systems Hardware

Tech Insertion strategy minimizes Support Costs and improves Training Posture

82 legacy systems
13 baselines
Utilizing Data Rights and Contracting – Powerful Tools for PEO IWS

Past
- CDS/CPS
- Track Manager/Track Server
- SEWIP Block II
- MK41 VLS
- AEGIS CSEA
- Mk99 Illuminator
- SQQ-89
- CEC
- SSDS

Current

Future
- SEWIP Block III
- AMDR
- TBD