Meeting Precision Strike Challenges and Opportunities

presented to the Precision Strike Technology Symposium

22 October 2013

Presented by:
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Program Executive Officer for Unmanned Aviation and Strike Weapons
Programs Assigned
ACAT I: 5 (2 PRE-MDAP)
ACAT II: 3
ACAT III: 3
ACAT IV: 7
Non-ACAT/AAP: 88
Focus on the Warfighters’ Demands
CNO’s Sailing Directions:
- Warfighting First
- Operate Forward
- Be Ready

Unmanned systems in the air and water will employ greater autonomy and be fully integrated with their manned counterparts.

CNO’s Navigation Plan
- Improve our platforms’ reach through new payloads of more capable weapons, sensors, and unmanned vehicles

- Field new and improved “kill chains” that defeat adversary radar jamming by using advanced infra-red sensors and weapons and integrated fire control networks that link ships, tactical aircraft and command and control aircraft.

Payloads Over Platforms ...
Current Environment

Point to Point Network Communications

- UAS
- AIR
- SURFACE
- On-Board Preplanned mission
- Aim point Update
- Tomahawk Strike Network
- Link-16
- Point to Point Network Communications
Finding Smarter Ways to Provide Capability

More Effective Business Strategies Through:
- Better Buying Power Initiatives
- Modular Open Architecture Designs
- Industrial Base Wholeness
- System Engineering Rigor
- Focused Science & Technology Investments
- Joint Management Council
- Improved Cost Estimating Methodologies

Enables Fleet Experimentation and Sound Engineering Practices that Serve the Joint Warfighter Through:
- Experimental Exercises
- Tomahawk Operational Test Launches
- Third Party Targeting using Manned and Unmanned Aircraft
- UAS Weaponization
- Interoperability to Increase Warfare Capabilities
- Governance at Capability Level
- Standardization Initiatives
Future Environment: Integrated Battlespace

Integrated Battlespace all Weapons and Sensors are Network Nodes
Questions?

**CURRENT**

**Increased Precision All Wx, Counter EA, Moving Target Capable, Weapons Capabilities**

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<th>2012</th>
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**DIRECT ATTACK WEAPONS**

**STANDOFF WEAPONS**

- Tomahawk BLK III
- Tomahawk BLK IV
- HARM
- AARGM
- Long Range AARGM
- SLAM-ER
- HARPOON
- JSOW-A/C
- JSOW C-1
- No Predecessor
- OASuW

No Predecessor

SDB II