



Meeting Precision Strike Challenges and Opportunities

*presented to the
Precision Strike Technology Symposium*

22 October 2013

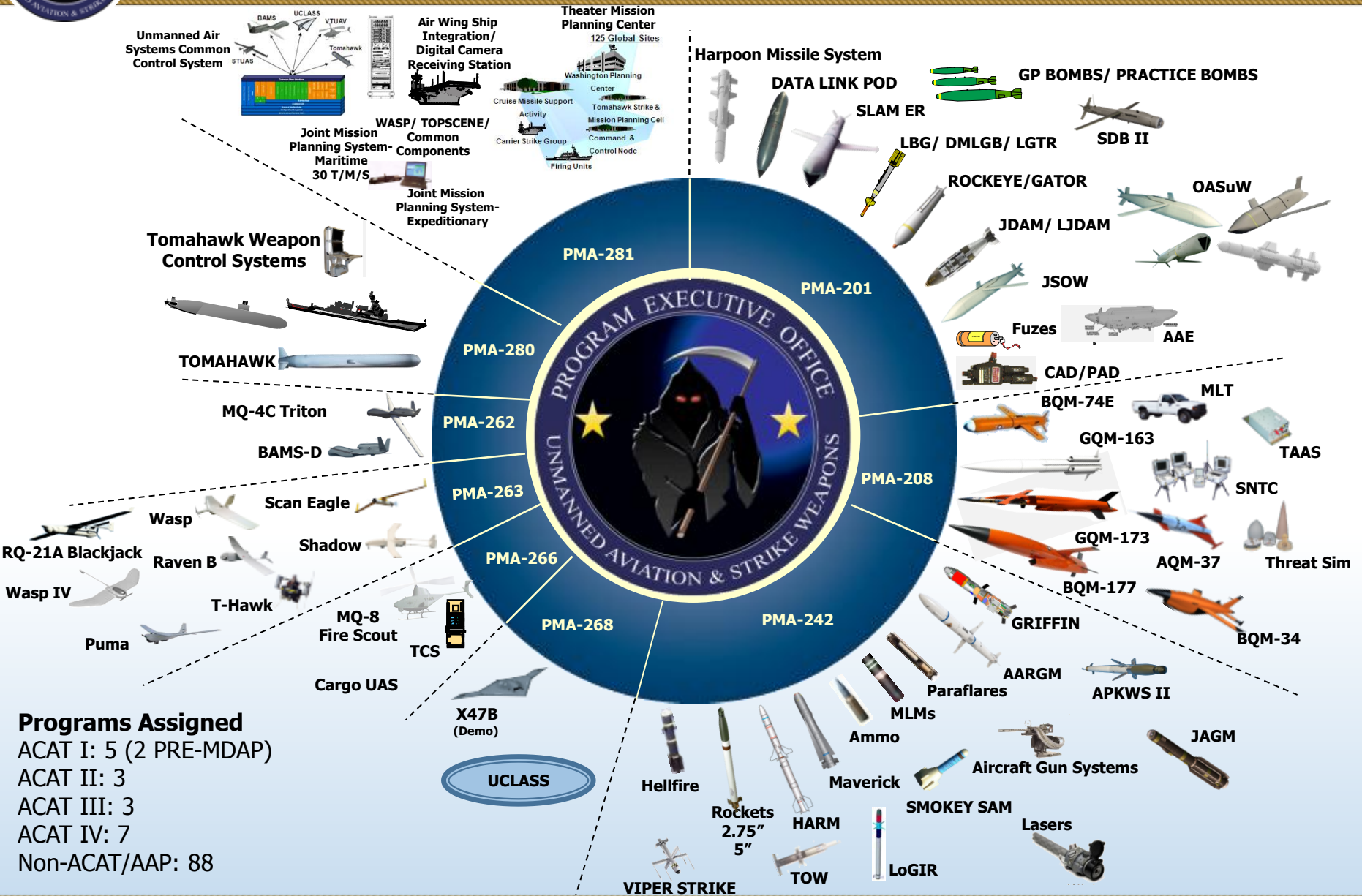
Presented by:

RDML Mat Winter

Program Executive Officer for Unmanned
Aviation and Strike Weapons



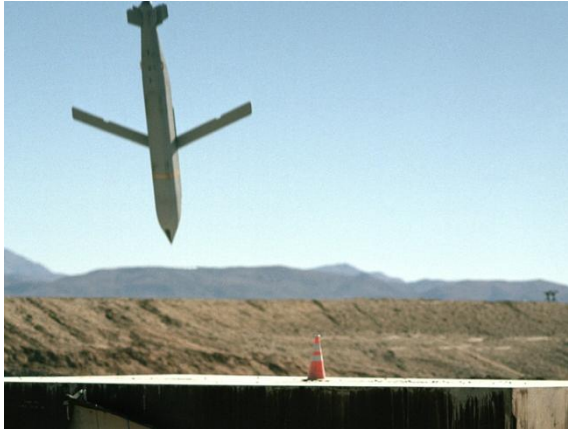
PEO(U&W) Portfolio



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 Guidance

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.*

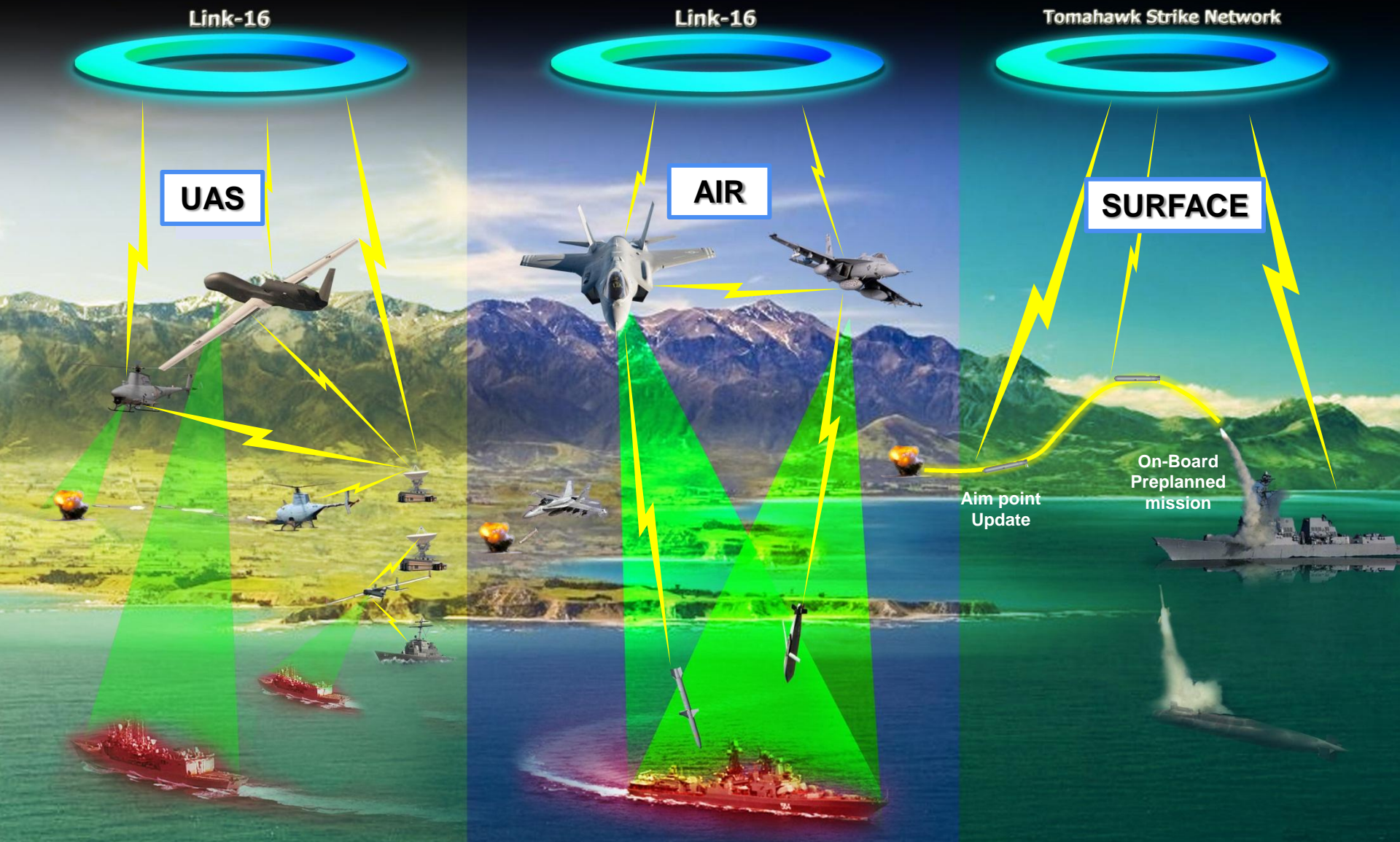


Payloads Over Platforms ...





Current Environment



Point to Point Network Communications



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

FUTURE

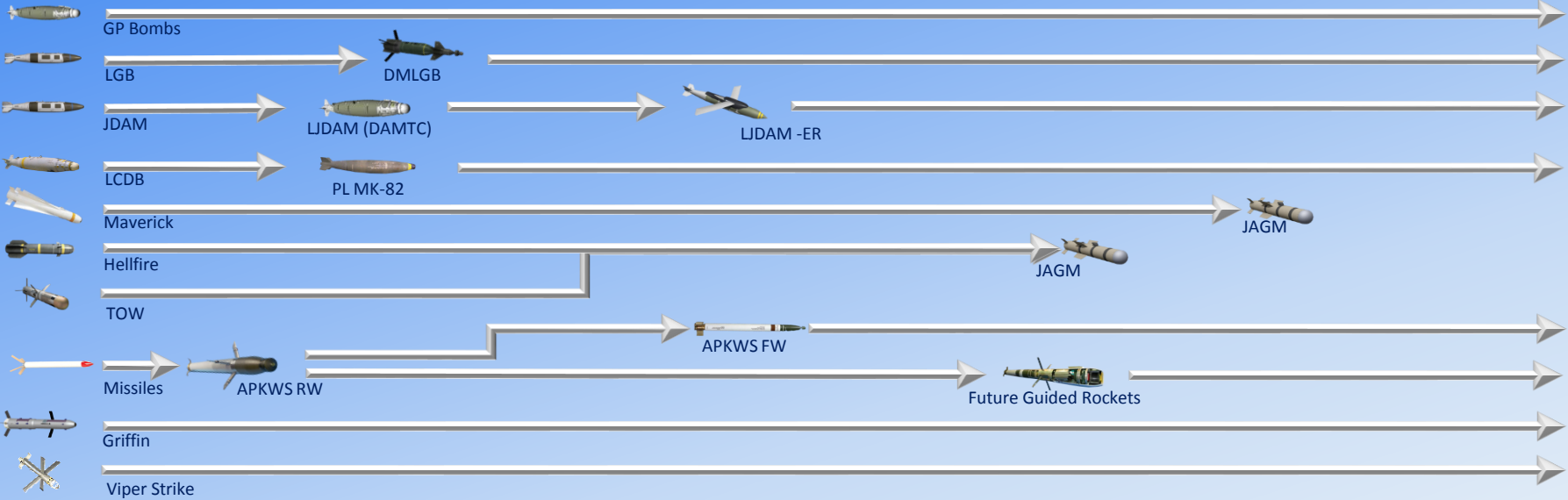
2012

2016

2020

2024

DIRECT ATTACK WEAPONS



STANDOFF WEAPONS

