



Precision Weapons for Tomorrow's Strategic Environment

19 March 2013

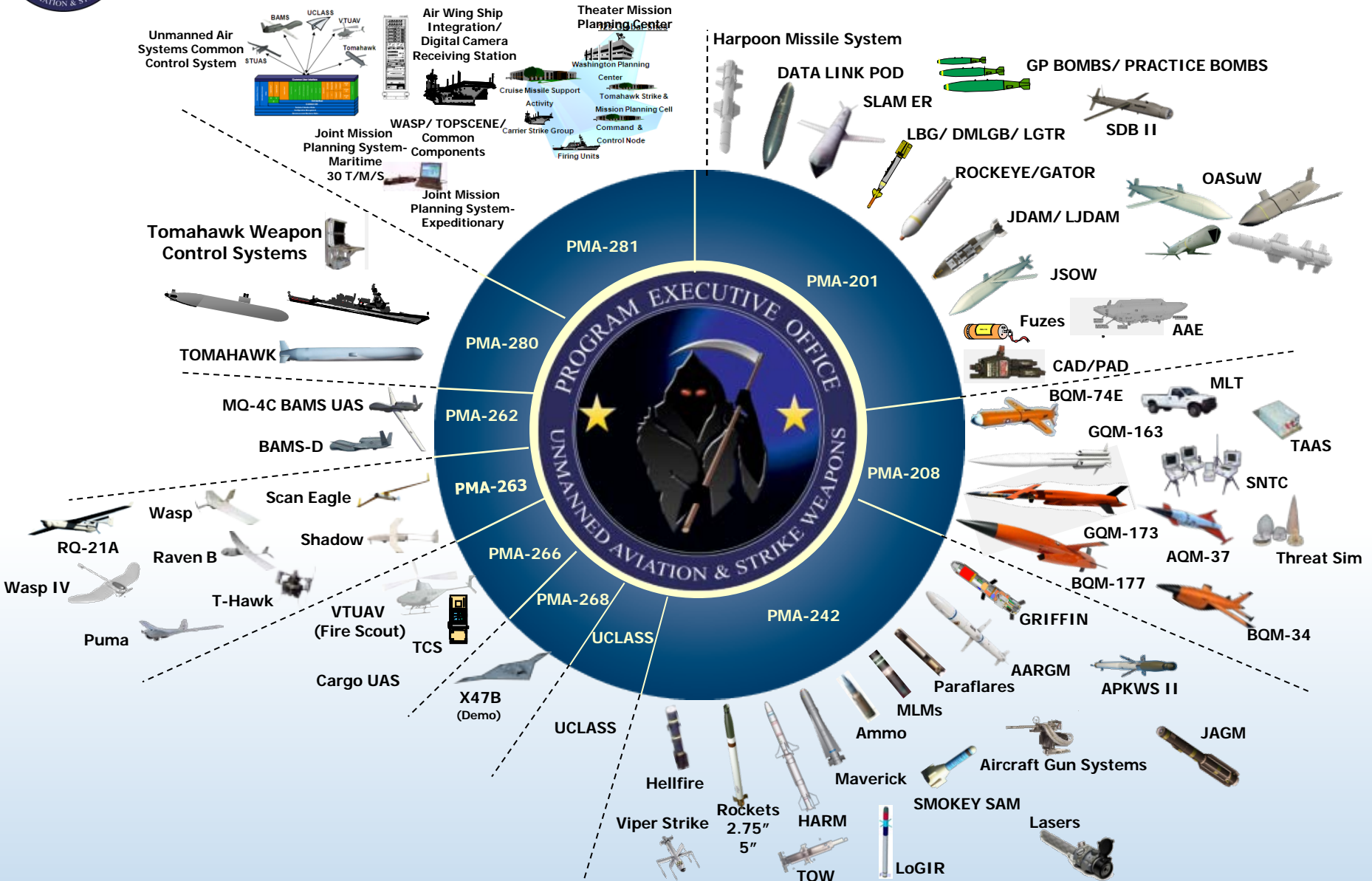
Presented by:

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PEO(U&W)

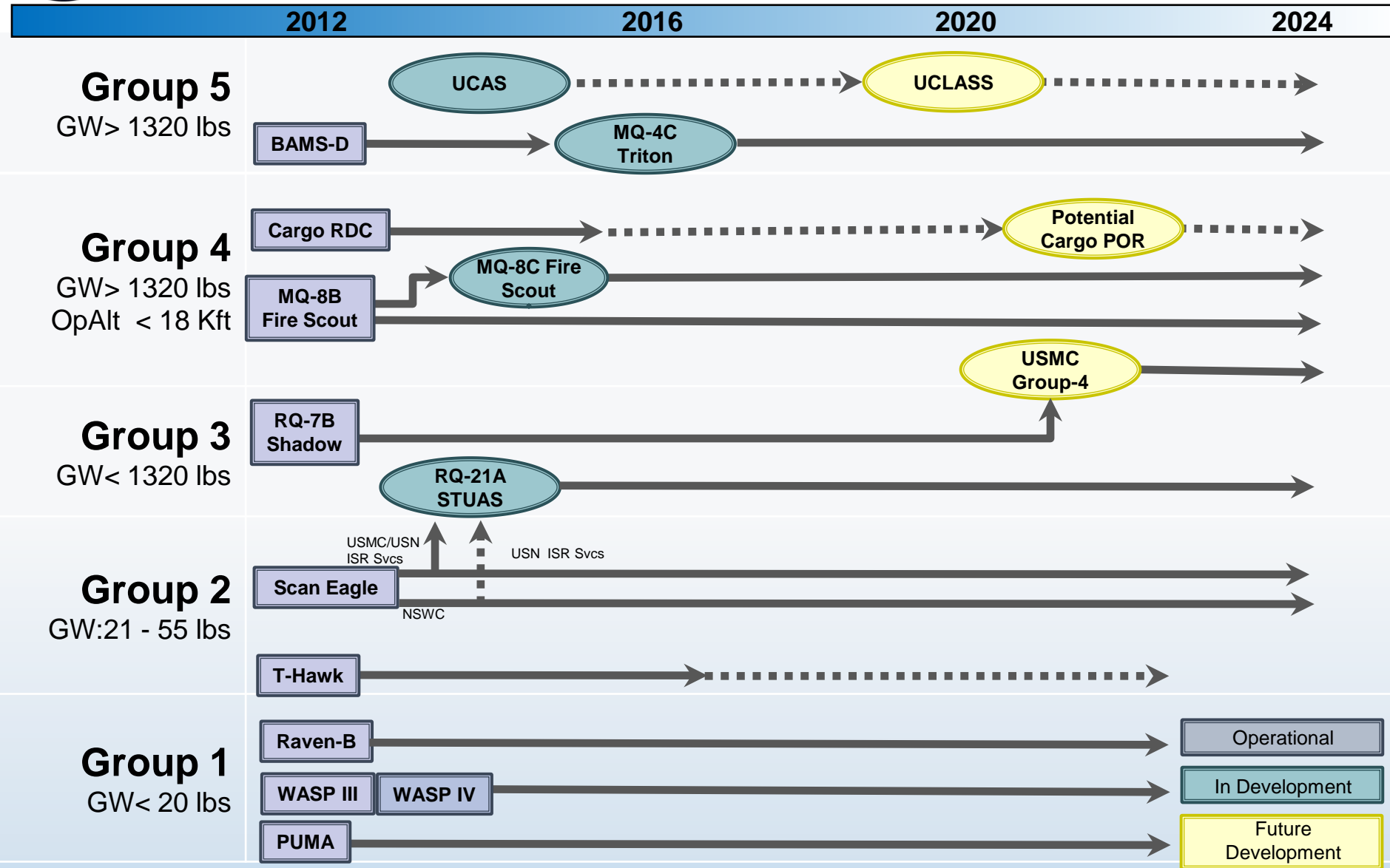


PEO(U&W) Product Overview



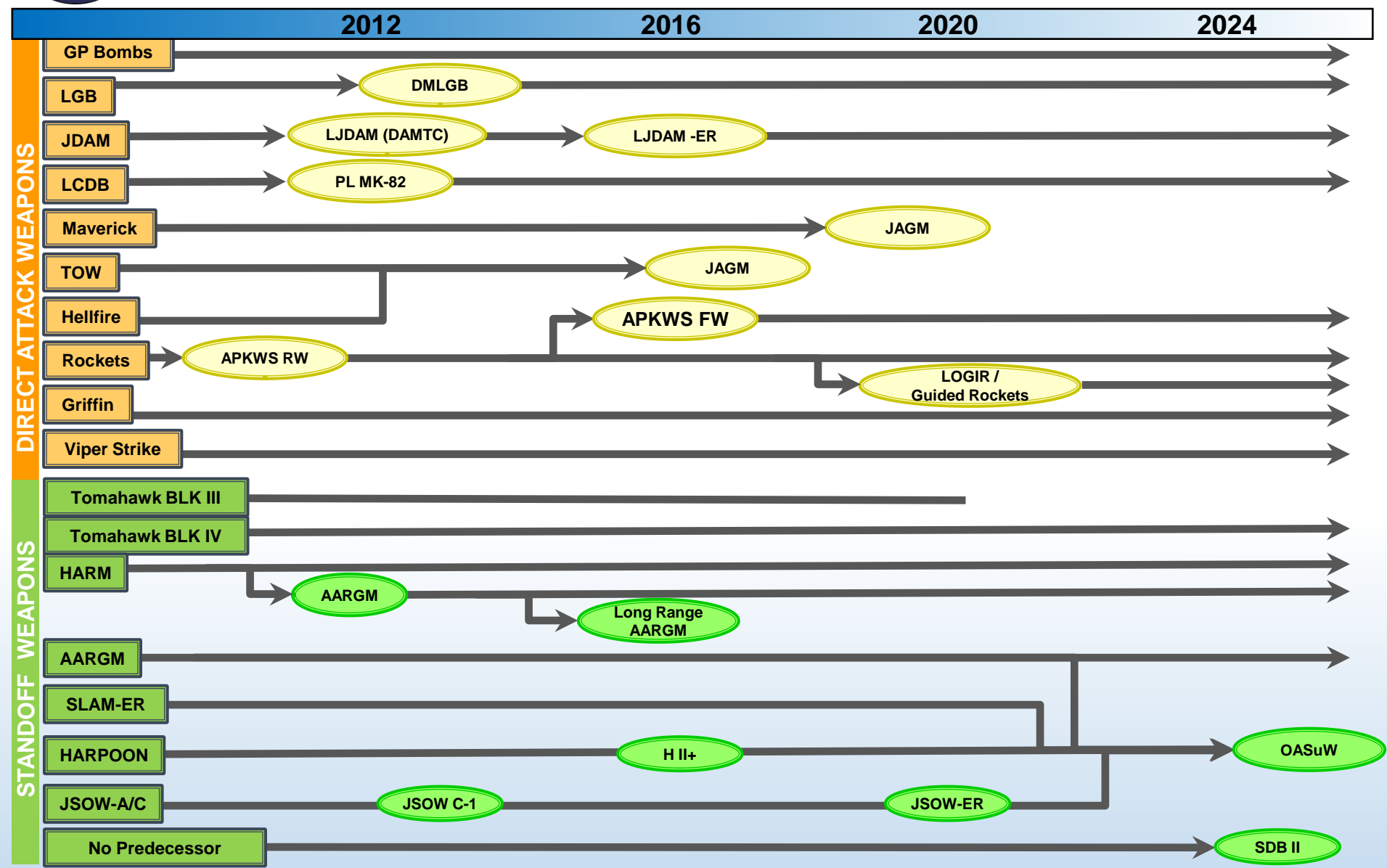


Naval UAS Family of Systems



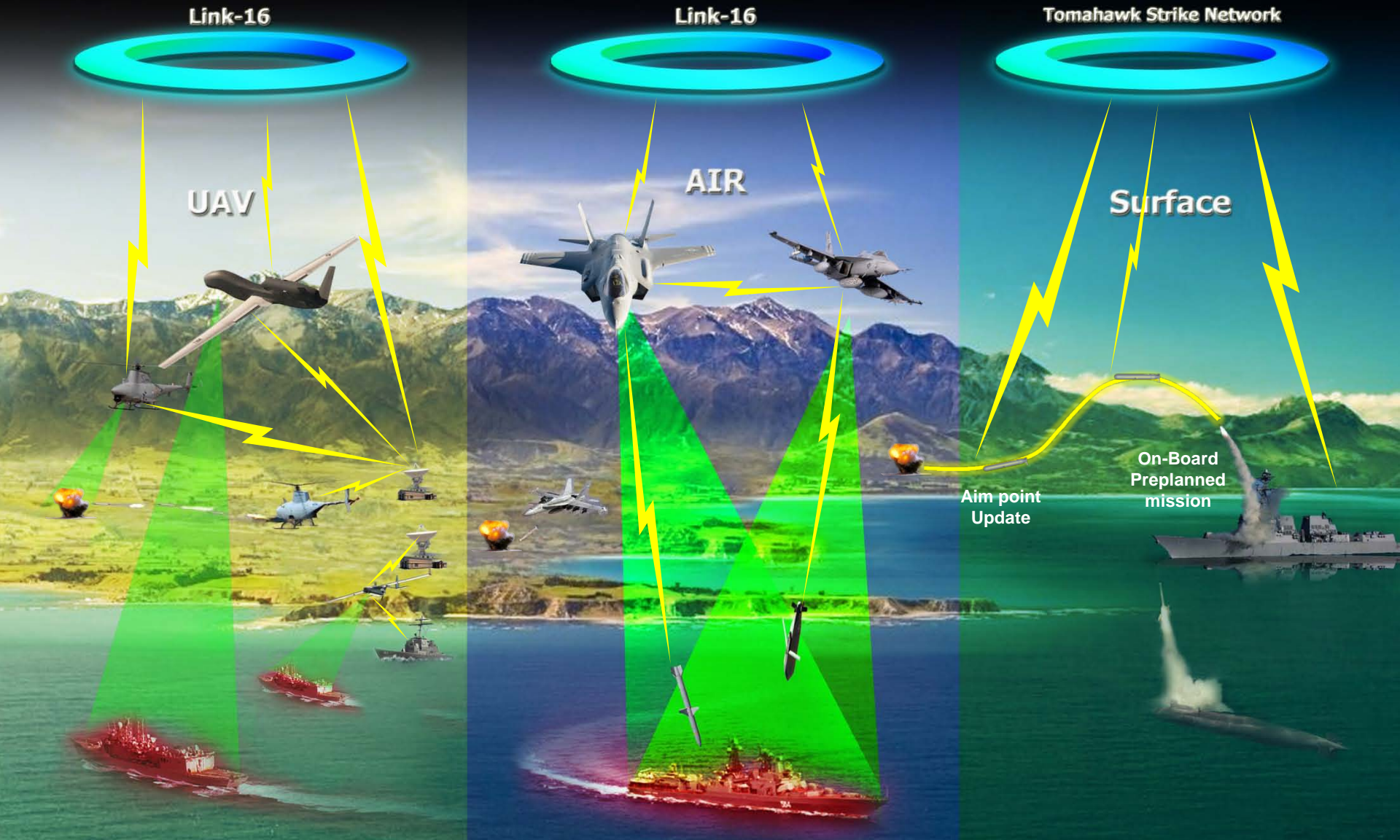


Strike Weapons Family of Systems





Current Environment



Point to Point Network Communications

Unclassified

NAV AIR



ASuW Interrelationships, Dependencies and Synchronization with Complementary Systems

Find

Fix

Track

Target

Engage

Assess

ISR (Sensor TLE)

C2 (L-16 J-11 Message Set, CMN-4)

Weapon (Aircraft Integration)

ISR/C2

Network Enabled Capability requires a Weapon (NEW), Precision Targeting (TLE), and the Link 16 J11 Message Set

Long Range 3rd Party Source Targeting (3PS)

TLE J11

Long Range
(3PS-Based Kill Chain)

NEW	TLE	J11
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Medium Range
(3PS-Based Kill Chain)

NEW	TLE	J11
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Short Range
(Shooter -Based Kill Chain)

NEW	TLE	J11
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P-8 AAS (INC 3)	P-3 LRSR
E-2D	JSTARS
MQ-4C	F/A-18 E/F EA-18G
F-35 SDD	F-35 Blk 4
FUNDED / CAPABLE	UNFUNDED / INCAPABLE

Future Weapon or Combined Arms Event; 3PS Targeting J11 Message and/or Shooter Platform Investment Required

3PS Targeting J11 Message and/or Shooter Platform Investment Required

No Investment Required

Threat

**Kill Chain Investments Drive OASuW Weapon Requirements
Capability Requires Investments in the Weapon and across the Kill Chain**



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
- VTUAV 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



Fleet Readiness



Questions



PMA-201



PMA-208



PMA-242



PMA-262



PMA-263



PMA-266



PMA-268



PMA-280



PMA-281

PEO (U&W)