

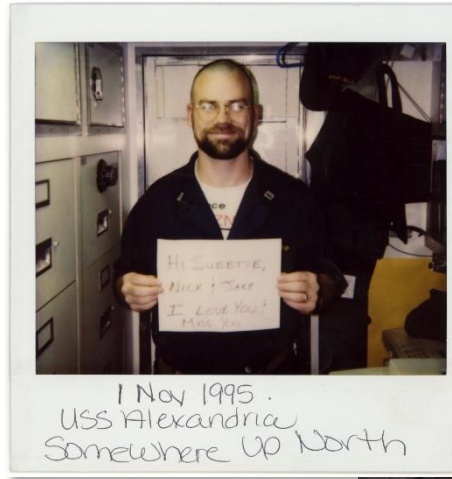


WGR632
324.8 kts 6785 ft

AUKUS Pillar Two and the Future Underwater Battlespace

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VP, Strategy and Mission Solutions, Maritime/Land Sensors & Systems Division
Northrop Grumman Mission Systems



Agenda

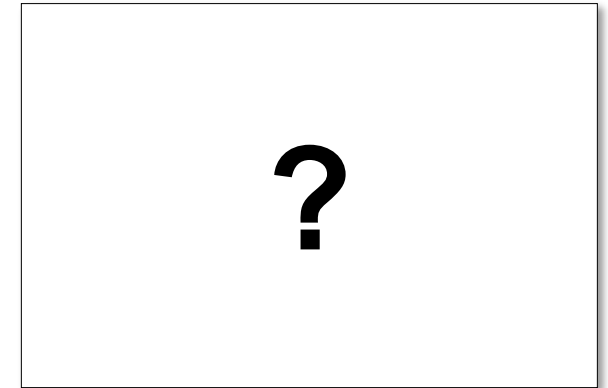
Strategic Environment

Urgent Capability Gaps

Opportunities & Recommendations



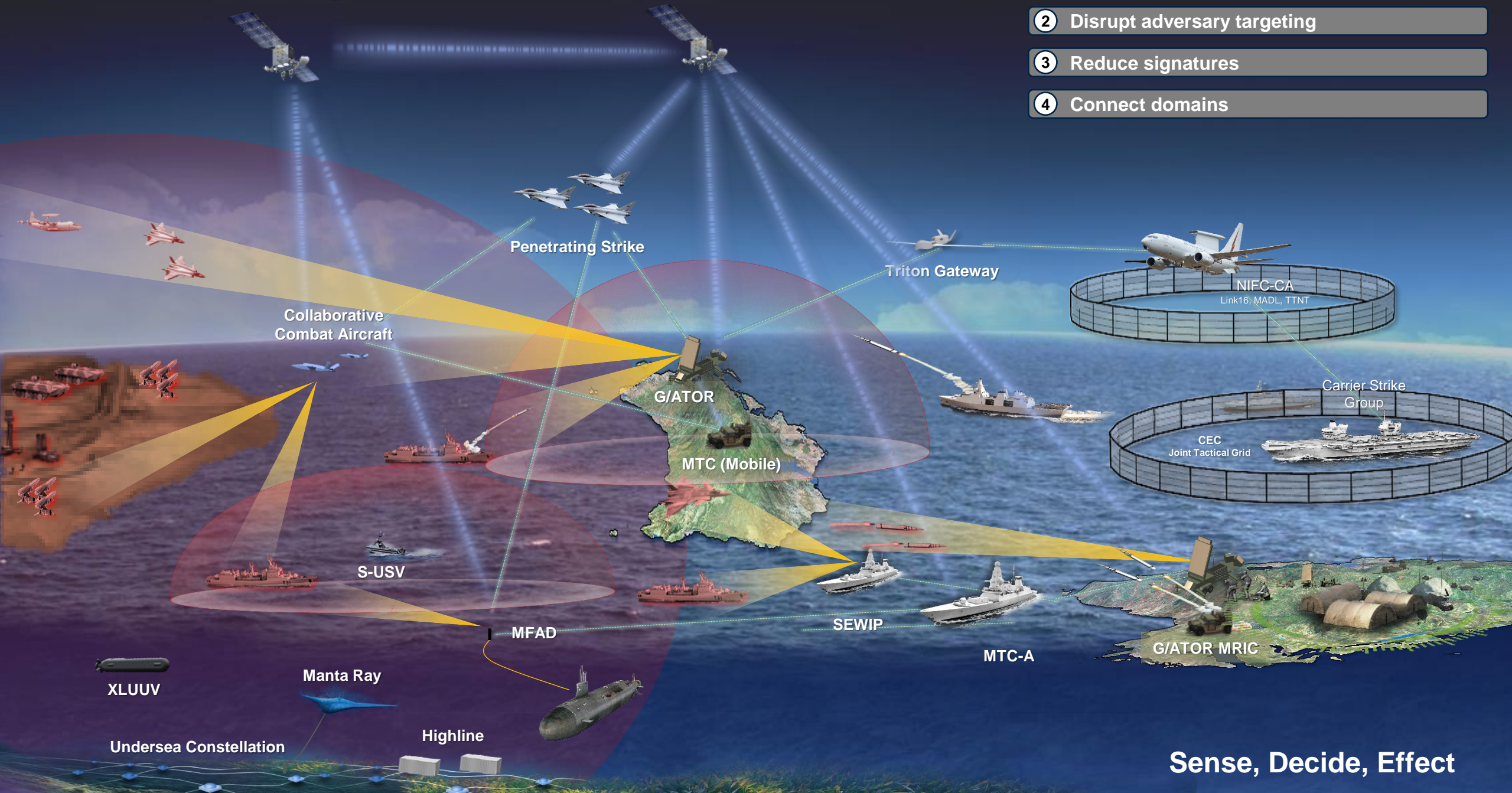
Strategic Environment



We are facing a threat posture we have not experienced since before WWII

Multi-Domain Integration

- 1 Extend range of current sensors & weapons
- 2 Disrupt adversary targeting
- 3 Reduce signatures
- 4 Connect domains

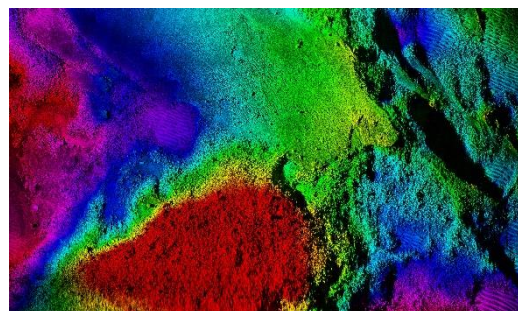
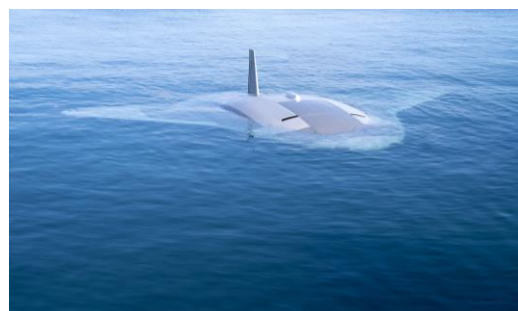
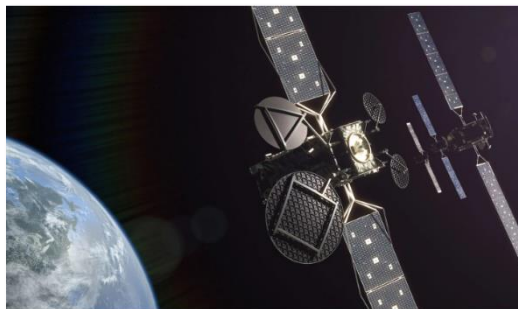


Sense, Decide, Effect

Addressing the Changing UWB

Statement of Need

Develop, demonstrate and deliver improved multi-domain (seabed to space) capabilities and CONOPS to the Combined Joint Force to better address and exploit the undersea to meet the immediate challenge of Russia and China in joint warfare and special operations



Connect

- Network undersea platforms, sensors & systems
- Enhance situational awareness
- Enable decision superiority
- Provide resilient cross-domain options

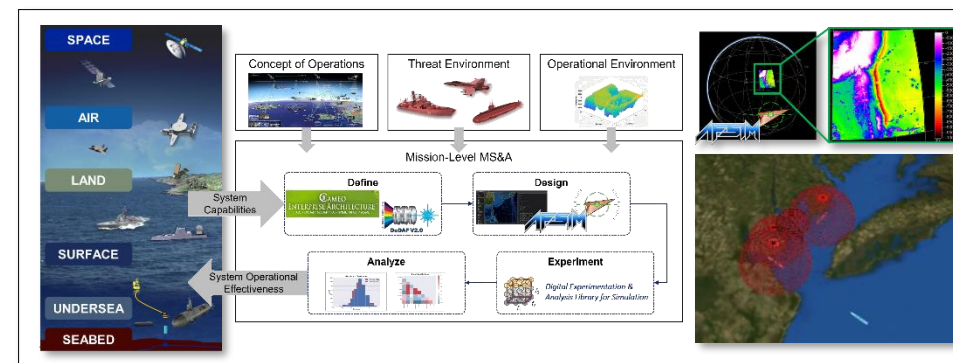
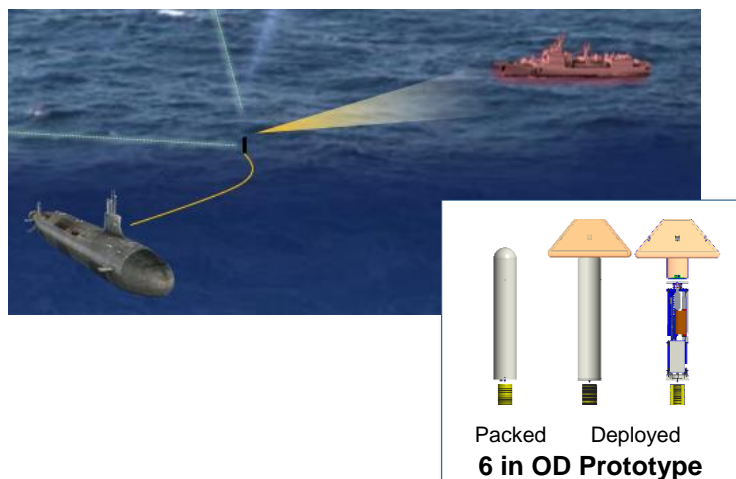
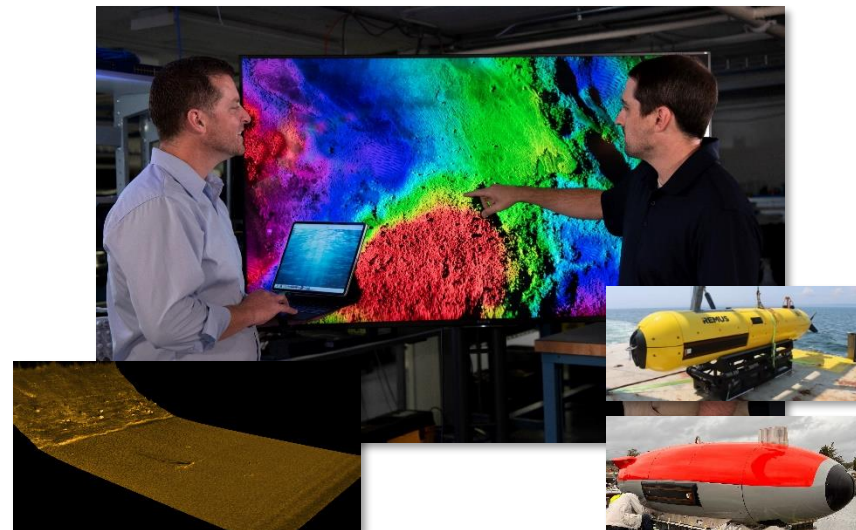
Effect

- Provide kinetic & non-kinetic solutions
- Develop scalable options
- Deliver long-range strike

Uncrew

- Deliver & integrate vehicle subsystems
- Partner/produce vehicle platforms
- Enable manned-unmanned teaming

Selected Undersea Efforts



Opportunities and Recommendations

Engage industry on policy needs and implementation

Champion industrial collaboration

Communicate priorities, timelines, roadmaps

Enable tri-lateral modeling, simulation & analysis

Accelerate AUKUS Pillar Two



Questions?

