
Futures & Concepts

23 October
2019

This briefing is: **UNCLASSIFIED**

-
- Joint Operating Environment (JOE) 2040
 - Capstone Concept for Joint Operations (CCJO)
 - Family of Joint Concepts (FoJC)
 - PME Link to Futures & Concepts Related Challenges
 - Discussion

Joint Operating Environment 2040



- Sets the foundation for Joint concept driven, threat informed, capabilities development:
 - Joint and Service Force Development & Design
 - Joint and Service concept development efforts
 - Bring together “futures ecosystem”
 - Ensure intelligence-driven joint force implications

The Joint Force’s baseline understanding of the future operating environment to set conditions for effective joint concept-driven, threat informed capability development.



Chapter 1: Future Global Realities

Emerging changes to conflict and war and their implications for joint warfighting.

- Persistence of Great Power Conflict
- New Security Players/Diffusion of Power
- Ambiguous Operating Environment
- Changing Character of Warfare
 - Variation
 - Acceleration
 - Separation



Chapter 2: Evolving Adversary Ways of War

Adversary stratagems / operational approaches

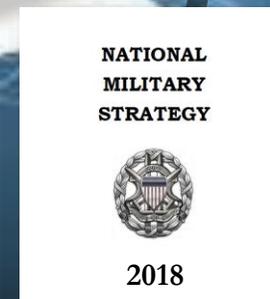
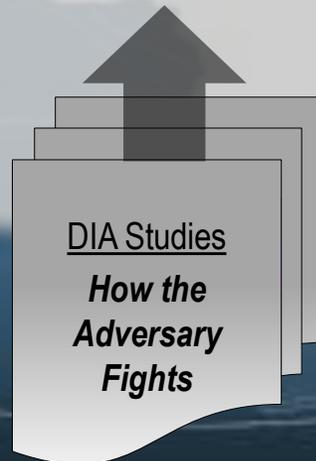
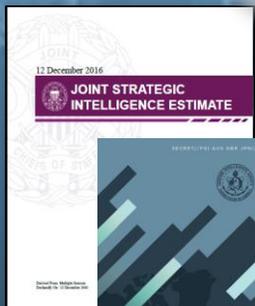
- What China, Russia, and others will probably do...
- What China, Russia, and others might do...
- What adversaries might have the potential to do...



Chapter 3: Implications For the Joint Force

Adversaries adapting to defeat Globally Integrated Operations. The Joint Force is:

- Contested Globally
- Fractured and Disintegrated
- Outflanked in an Expanded Competitive Space



CCJO: Joint Force 2030: Globally Integrated Operations

- *NMS* and *CCJO* are the Joint Chiefs' approach to executing the NDS.
- *Globally Integrated Operations*. A New American Way of War and Victory.
- *Joint Concept, Threat Informed, capability development*. Joint Concepts align Service and COCOM creativity.

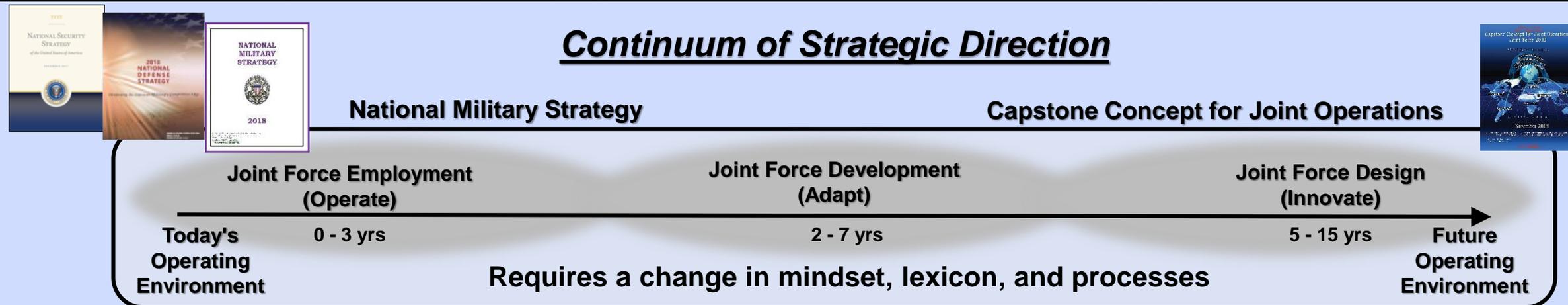


“Our qualitative and quantitative military advantages will erode within a few years if we do not correct our trajectory immediately.”

We require a new approach to adaptation and innovation based on joint (and coalition) campaign outcomes.

Expanding Competitive Advantage - Context

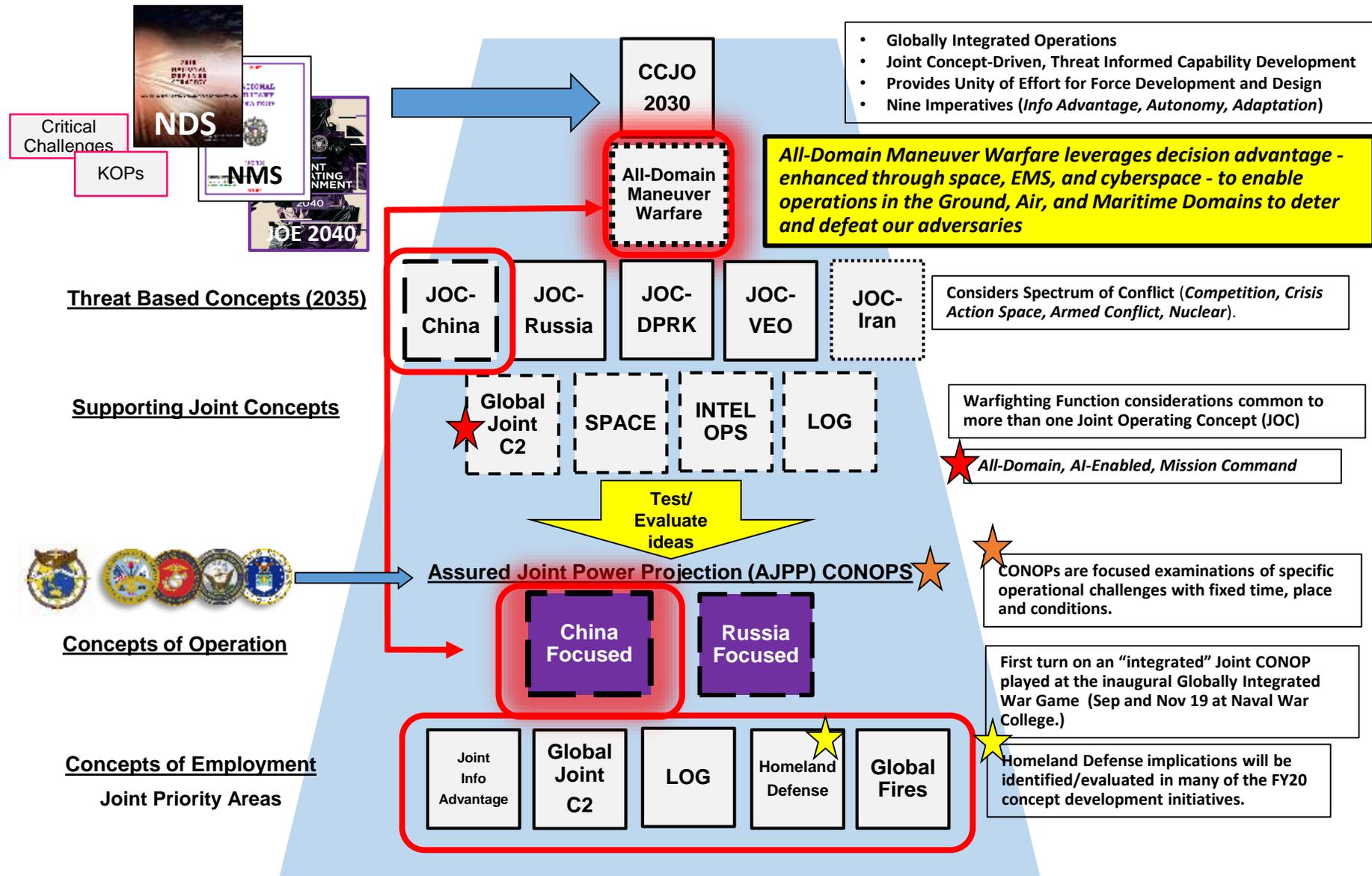
(U) The Military Problem: Adversaries' military modernization and approaches are eroding U.S. military advantages, undermining the Joint Force's ability to defend the Homeland, deter nuclear war, and deter and defeat adversaries. The Department requires a new approach to adaptation, innovation and programming based on joint (and coalition) campaign outcomes to balance current and long-term risk.



- (U) The NMS and CCJO are the Joint Chiefs military approach to executing the NDS
 - (U) NMS: The Boxer's Stance / Global Integration
 - (U) CCJO: Globally Integrated Operations 2030
 - (U) An integrated **Joint Concept Driven, Threat-Informed, Capability Development** approach
 - (U) Competition of ideas and capabilities to drive campaign outcomes
 - (U) Aligned approach to wargames, exercises, experimentation, and studies to evaluate concepts & candidate technologies

Resets Joint Force Development and Force Design to retain our military advantage under conditions of great power competition, disruptive technology, and an accelerated pace of change

Warfighting Concepts | Joint Warfighting Concept



Potential Elements for Linking Futures & Concepts to JPME

- Involve JPME students and/or faculty in concept development activities
 - Participation in concept development events & activities (virtual & in person)
 - Direct interaction with concept teams
- Promote PME institution research papers on joint concept topics
 - Student papers on concept based topics from Research Topics Database
 - Student and/or faculty papers on topics integrated into research work plan
 - Targeted engagement with JPME programs to include mentorship and consultation in research paper development
- Include concept based material in course curricula to enhance leader development
 - Periodic joint concept-based briefs to students and/or faculty
 - Joint concept based special areas of emphasis
 - Joint concept based course content
 - Joint concepts integrated in student exercises and wargames

Questions?