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
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.
- **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.
(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.

Expanding Competitive Advantage - Context

- (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 integratedJoint 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

Continuum of Strategic Direction

- Requires a change in mindset, lexicon, and processes

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

#### Threat Based Concepts (2035)
- JOC-China
- JOC-Russia
- JOC-DPRK
- JOC-VEO
- JOC-Iran

#### Supporting Joint Concepts
- Global Joint C2
- Space
- Intel Ops
- Log

#### Concepts of Operation
- Assured Joint Power Projection (AJPP) CONOPS

#### Concepts of Employment
- Joint Priority Areas
- Joint Into Advantage
- Global Joint C2
- Log
- Homeland Defense
- Global Fires

---

**Assured Joint Power Projection (AJPP) CONOPS**

- First turn on an "integrated" Joint CONOP played at the inaugural Globally Integrated War Game (Sep and Nov 19 at Naval War College.)

- Homeland Defense implications will be identified/evaluated in many of the FY20 concept development initiatives.

---

**Globally Integrated Operations**
- Joint Concept-Driven, Threat Informed Capability Development
- Provides Unity of Effort for Force Development and Design
- Nine Imperatives (Info Advantage, Autonomy, Adaptation)

**All-Domain Maneuver Warfare** leverages decision advantage - enhanced through space, EMS, and cyberspace - to enable operations in the Ground, Air, and Maritime Domains to defeat our adversaries.

**Warfighting Function** considerations common to more than one Joint Operating Concept (JOC)

- All-Domain, AI-Enabled, Mission Command

---

**Critical Challenges**
- KOPs

**Joint Warfighting Concept**

- Considers Spectrum of Conflict (Competition, Crisis Action Space, Armed Conflict, Nuclear).

---

**UNCLASSIFIED**
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?