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# CONTINGENCY ENGINEERING



## JOINT OPERATIONAL ENGINEERING BOARD:

MAKING A DIFFERENCE FOR  
JOINT OPERATIONS

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# CONTINGENCY ENGINEERING



- **Panel Members**

- **COL Tim O'Rourke, Director, Office of the Chief of Engineers**
- **COL Bill Haight, Chief, Engineering Division, Logistics Directorate, Joint Staff (J4)**
- **Col Don Gleason, USAF – Director, A7/CX**
- **CAPT Bob Gibbs, Total Force Director, NAVFAC**

# Capability Portfolio Management



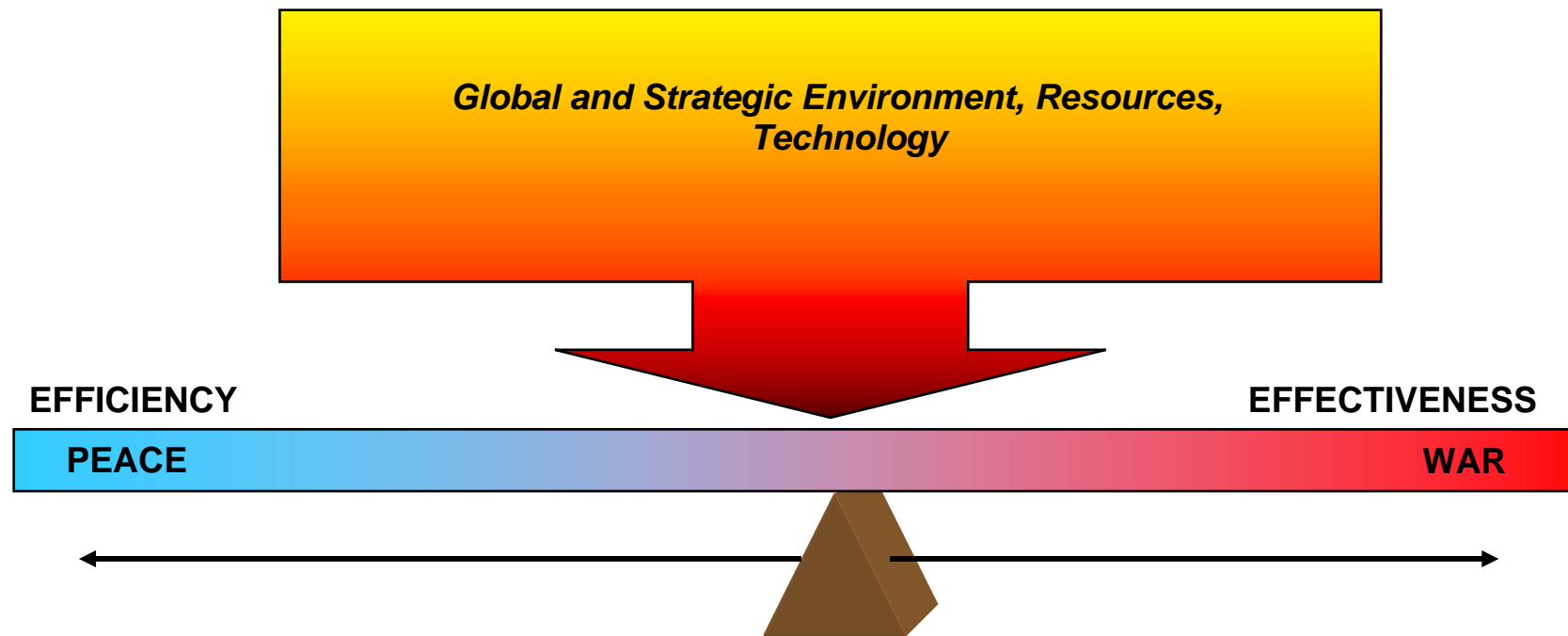
## • Capability Portfolio Management

### ➤ Why Portfolio Management?

- ✓ Engineer Capability Area Manager
- ✓ Engineer CONOPS
- ✓ Joint and Engineer Capability Areas

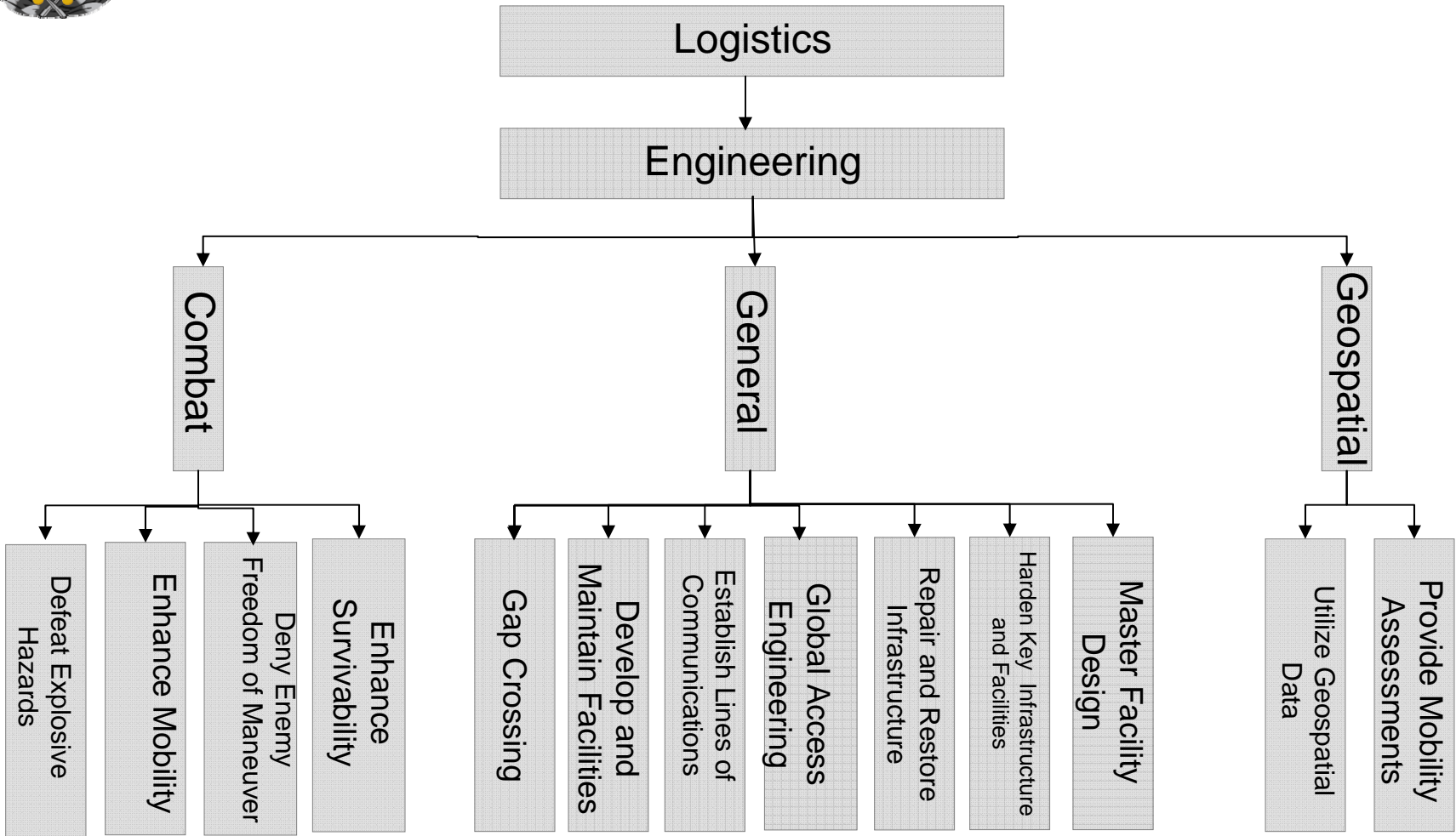
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# Balancing Capability and Capacity



*Balance is based on moving the fulcrum,  
measured in risk and interdependence*

# Engineer JCA's



# Joint Operational Engineering Board



## ➤ Background

- ✓ Engineer Transformation

## ➤ Structure and Membership

- ✓ Director for Logistics, Joint Staff (J4) (Co-Chair)
- ✓ Engineer Capability Area Manager (Co-Chair)
- ✓ Service Engineer Chiefs
- ✓ COCOM Engineers

# Engineer Community and Governance



**JL Functional Capability Integration Board**  
**(Evolved version of today's JL FCB)**

*JS, J4 and OSD (L&MR)  
 Svc Reps, DLA, DCUSTC, DCJFCOM, CAM's*

**Portfolio  
 Capability Area**

**Joint Operational Engineer Board**

*CHAIR: Engr CAM + DJ4  
 MEMBERS: Service, COCOM, & JFCOM  
 Engineers (GO/FO Level)*

Meets  
 Quarterly

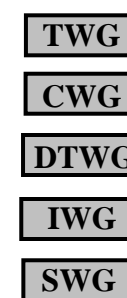
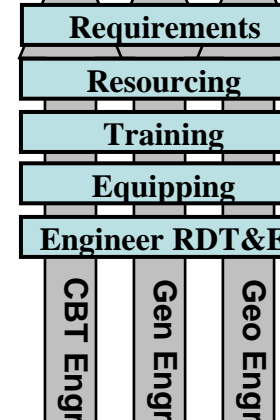
**JOEB Coordination Group**

*CHAIR: J4 Engr and Engr CAM AO  
 MEMBERS: Service and JFCOM Engineers (O6  
 Level)*

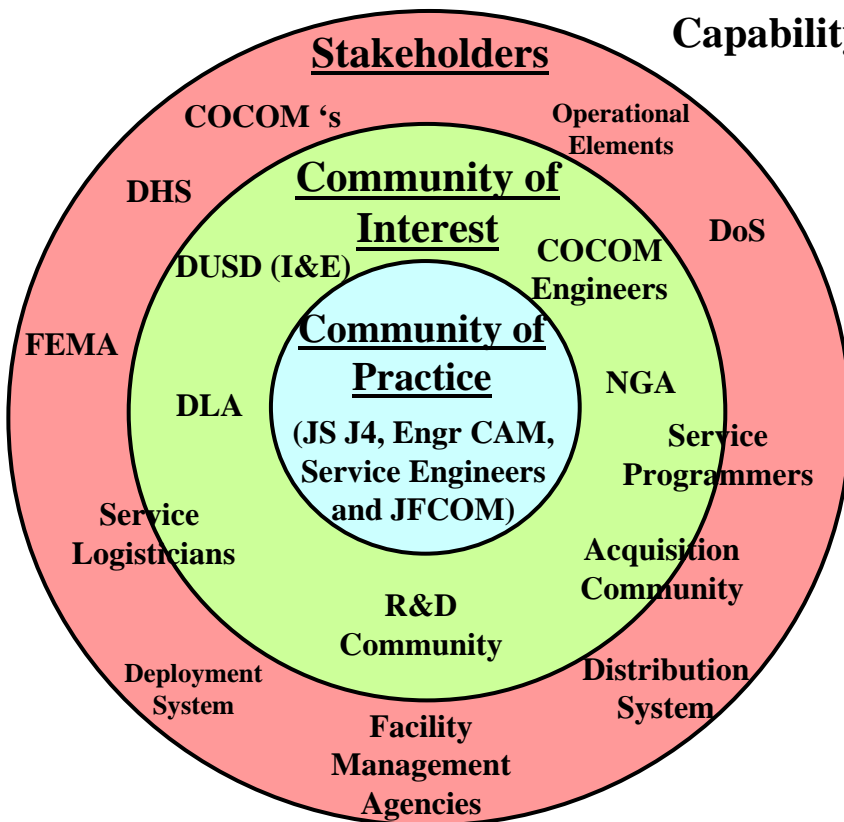
Meets Bi-  
 Weekly

**CAM Staff**

**Working Groups**



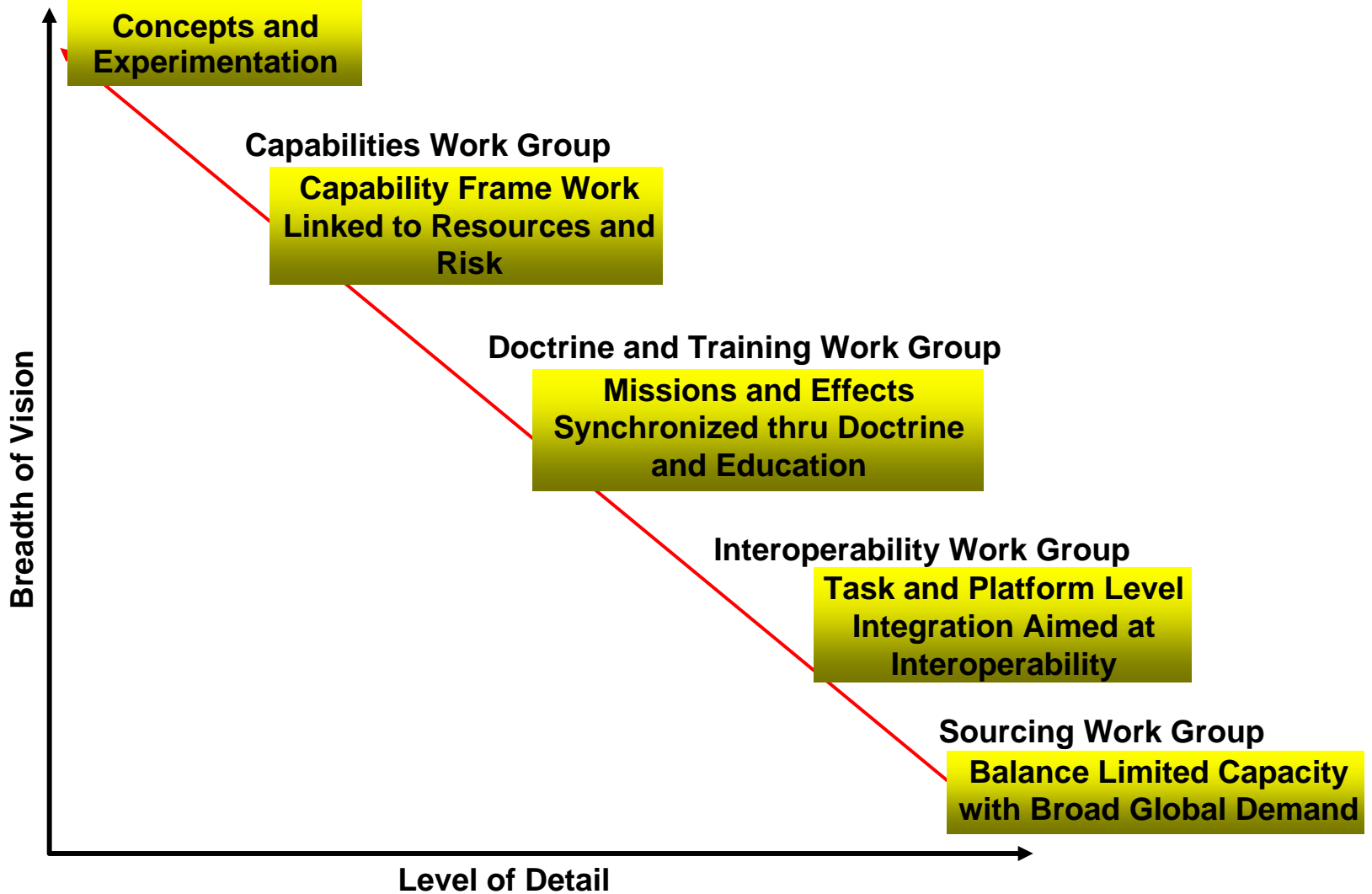
Meet  
 Quarterly  
 Or More  
 Often as  
 Required



# JOEB Work Groups



## Transformation Work Group



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# Transformation Working Group



- **Engineer Concepts and Experimentation**
- **Engineer Capability Road Map**
- **Allied Command Transformation**
  - **NATO Centers of Excellence**

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# Capabilities Working Group



- **Capability Based Assessment**
- **Engineer Joint Capability Areas**
- **Class IV**
  - **With Defense Logistics Agency**

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# Doctrine & Training Working Group



- **Critical Runway Assessment and Repair (CRATR) Joint Capabilities Technological Demonstration (JCTD)**
  - **Delivers Advances in Rapid Airfield Damage Assessment; Expedient/Sustainment/Recovery Repair Kits; Rubber Removal; Paint Striping**
- **Avon Park Range Airfield approved for use**
  - **Testing slipped 30 days; 31 Aug – 30 Sep**
  - **Additional cost is covered via savings from efficiencies; early project execution**

# Joint Engineer Operations Course



- **Inter-Service MOA will fund JEOC through FY15**
- **JROC memo formalizes the JEOC as a recognized joint requirement**
- **Currently formalizing working with the USAES to formalize JOEB DTWG / LDA relationship (Governing Charter)**
- **LDA (USAES) has coordinated with USJFCOM J7 and initiated the JEOC course joint certification process**
- **Initiative to move JEOC under CJSLE (Center for Joint and Strategic Log Excellence) is on hold pending CJSLE concept maturity (1 to 2 years). This remains a viable future COA.**
- **Next big challenge is determining how to justify joint TDA positions to support JEOC.**

# Interoperability Working Group



## Joint Command and Control for Engineer Forces

- Develop Theater policies, Interoperability “outside the wire”
  - Foundational documents: Engineer capabilities study, JP 3-34
  - Global Combat Service Support – Engineer (GCSS – EN)
- **Joint Acquisition of Construction Equipment**
    - **JOEB tasking**
      - IWG conduct analysis/study to determine the best way to synchronize/combine our procurement actions while leveraging the strengths of each services acquisition offices
    - **PDM I tasking**
      - Synch procurement of equipment
      - Identify resource implications
      - Develop specific implementation plan/schedule
    - **Desired Results**
      - Reduced logistics requirements
      - Improve fleet commonality which increases training effectiveness and operator/maintainer readiness
      - Decrease life-cycle acquisition cost

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# Sourcing Working Group



- **Global Force Management Board**
  - **Engineer Capability Sourcing**
    - **Unit Fills**
    - **Individual Agumentees**

# Summary and Questions



- **Portfolio Management**
  - Delivering integrated capabilities to the Nation and the Warfighter
- **Transformation Work Group**
  - Concepts, Engineer Roadmap, ACT
- **Capability Work Group**
  - Joint Capability Areas
- **Doctrine and Training Work Group**
  - JEOC, ADR, Doctrine and Staffs
- **Interoperability Work Group**
  - Collaborative Planning and Equipment Acquisition
- **Sourcing Work Group**
  - Posture and Sourcing Global Demand