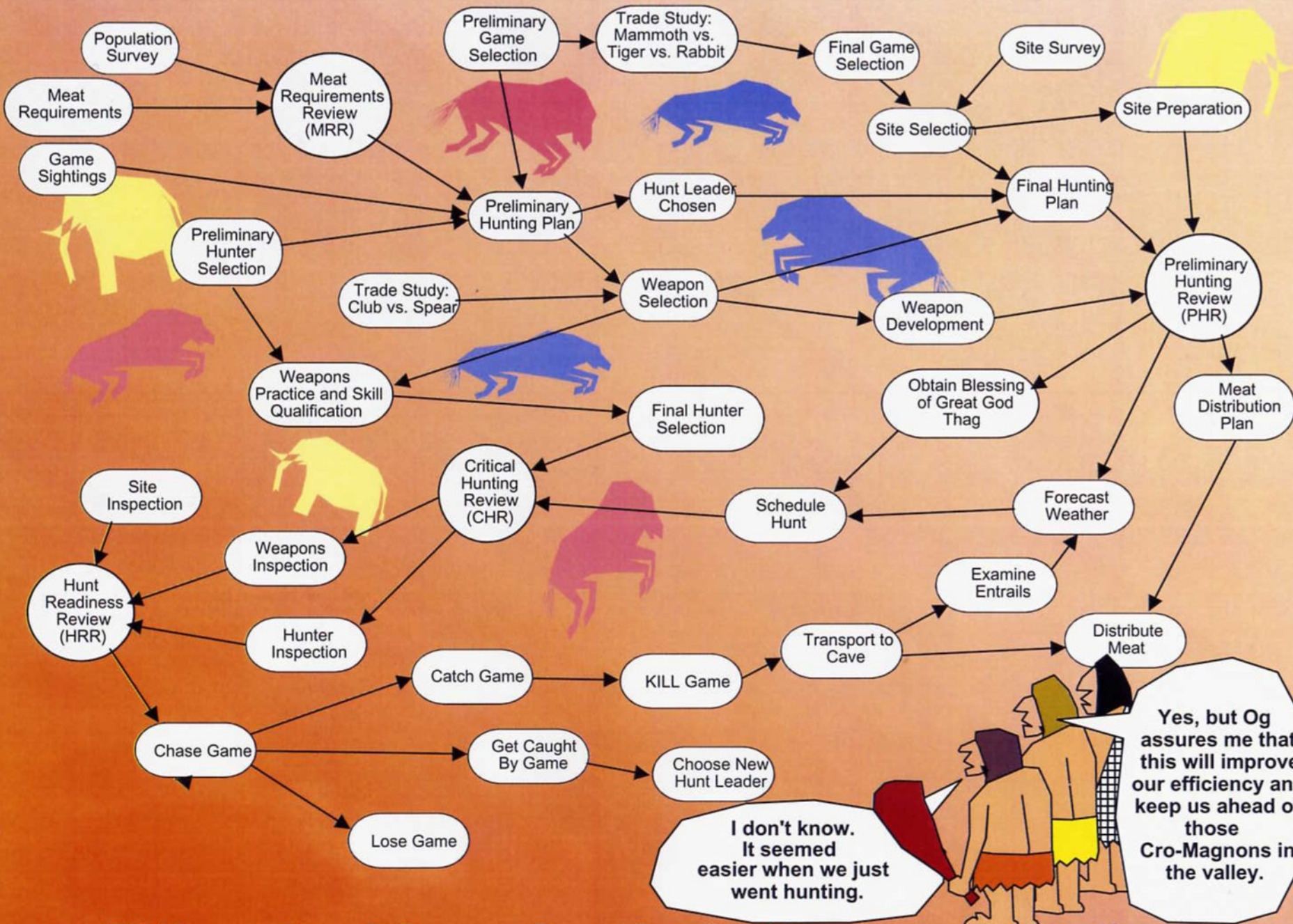




Precision Strike Proficiency & Sufficiency

**Precision Strike Association
25 January 2006**

**Vice Admiral Marty Chanik
Director, J-8, Force Structure, Resources and Assessment Directorate
The Joint Staff**



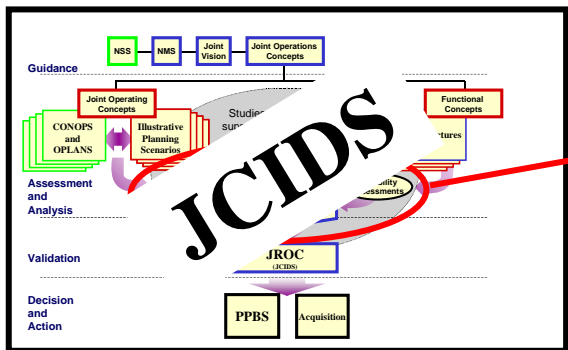
Why the Neanderthals Became Extinct



Agenda

- **Proficiency**
- **Sufficiency**
- **Way Ahead**

Proficiency and Sufficiency Two Munitions Processes



“WHAT DO WE BUY?”

JCIDS

CJCSI 3170.1E

May 2005

Capability Based

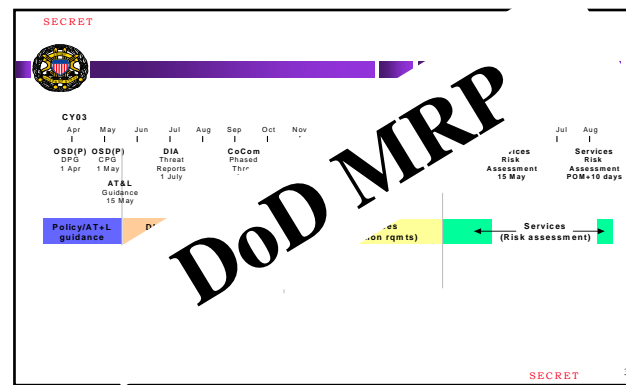
Purpose

Driver

Implementing Doc

Date Implemented

Basis



“HOW MUCH OF EACH DO WE BUY?”

PPBES

DoDI 3000.4

October 2003

Scenario Based



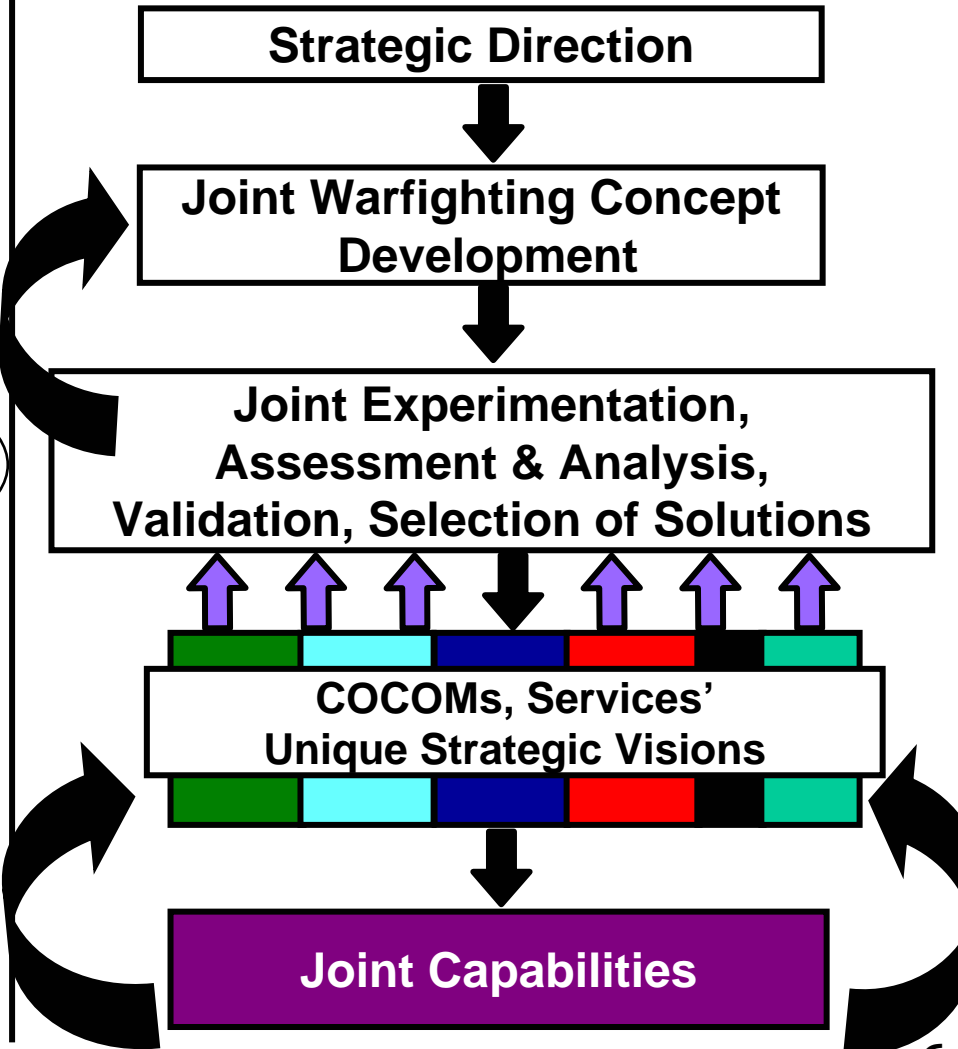
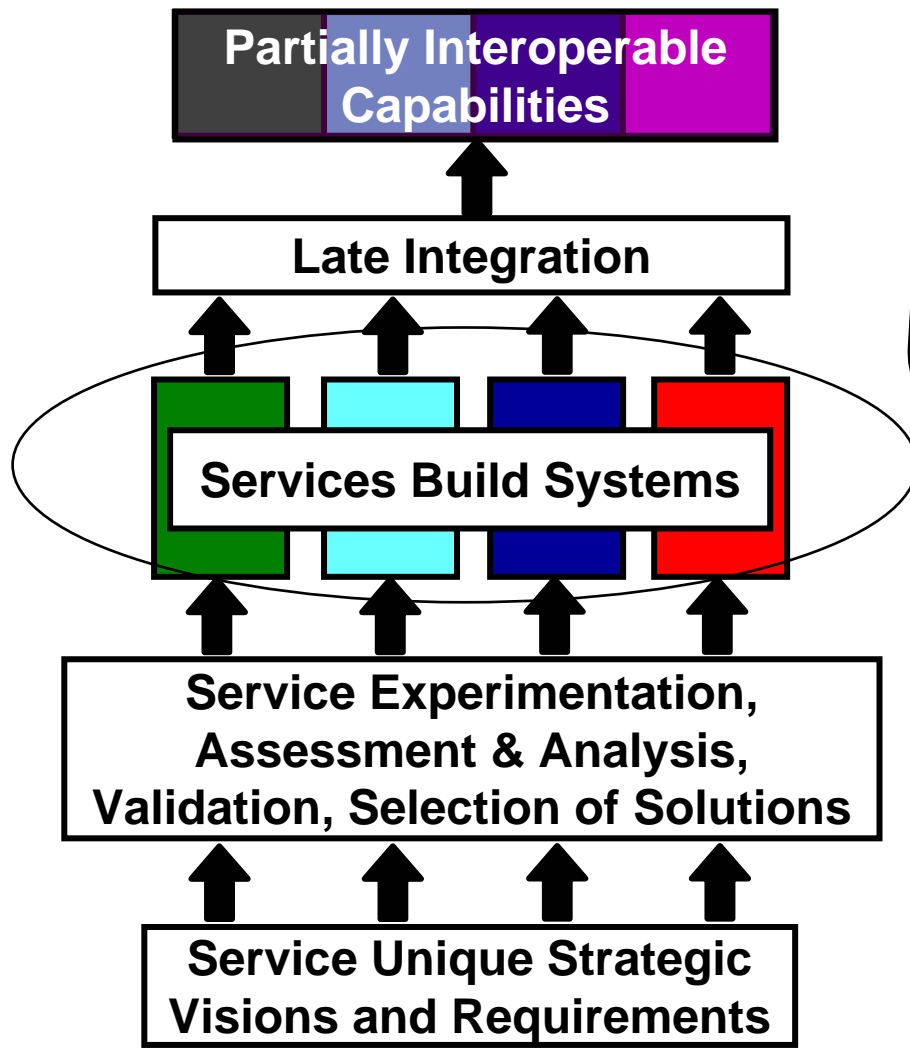
PROFICIENCY



Threat vs Capability Based Planning

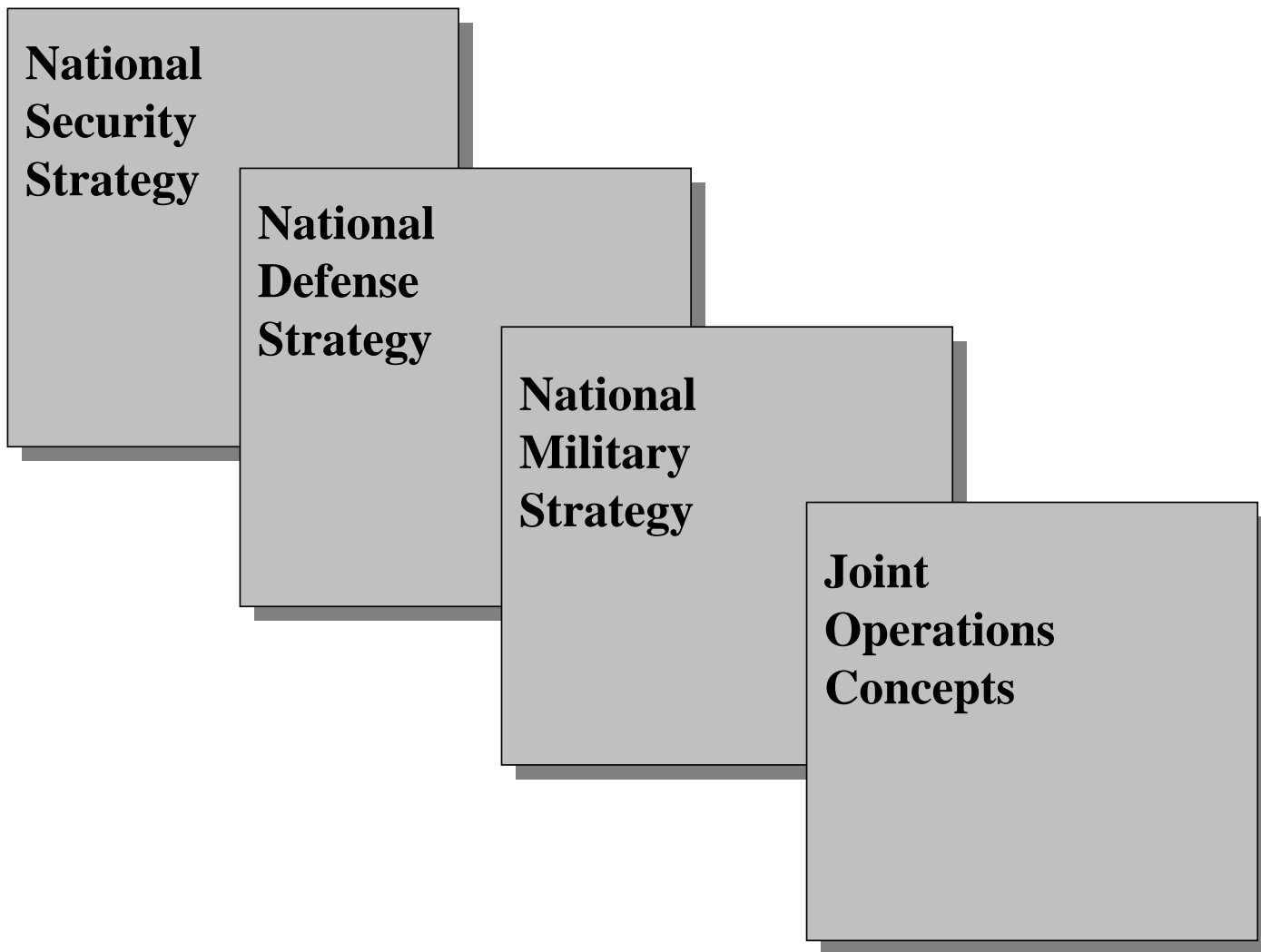
Requirements Generation System (RGS)- ~30 years of experiences

Joint Capabilities Integration and Development System (JCIDS)- 2 years old





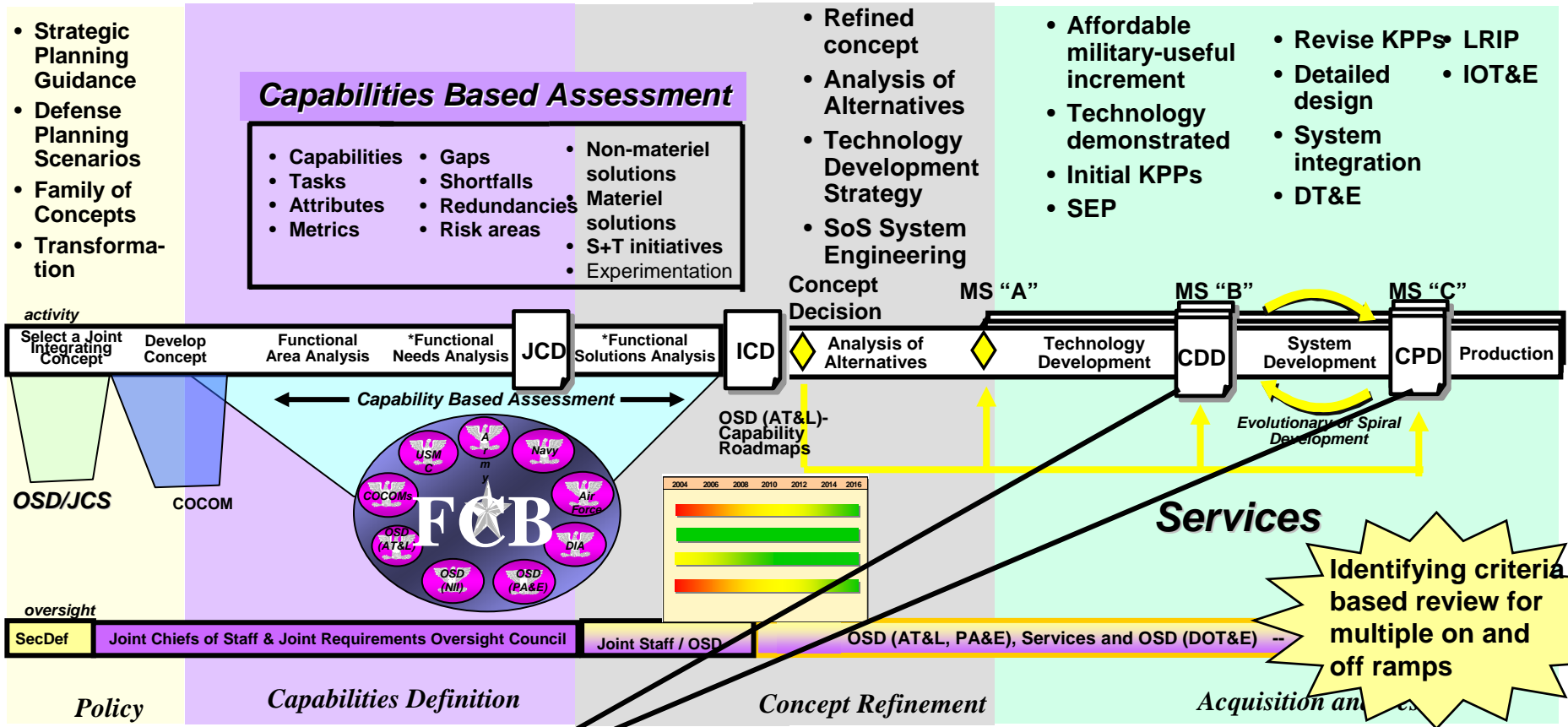
Strategy Based Capabilities





Agile DOD End-to-End Concepts, Capabilities, and Acquisition Process

DAB Capability Area Reviews (CARs)



Capabilities Based Assessment

- Capabilities
- Tasks
- Attributes
- Metrics
- Gaps
- Shortfalls
- Redundancies
- Risk areas
- Non-materiel solutions
- Materiel solutions
- S+T initiatives
- Experimentation

- Refined concept
- Analysis of Alternatives
- Technology Development Strategy
- SoS System Engineering
- Affordable military-useful increment
- Technology demonstrated
- Initial KPPs
- SEP
- Revise KPPs
- LRIP
- Detailed design
- IOT&E
- System integration
- DT&E

Identifying criteria based review for multiple on and off ramps

COCOM/Service
Near-term Capabilities
 As part of the agile process
 IPLs, LL, GWOT, DCRs, ACTDs

PPBE (PDM, PBD)
JRAC

How It Should Work



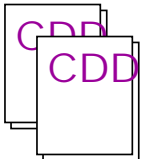
CBA

•CBA on Major Combat Operations

–Lethal capability in adverse weather



–GPS / INS kit
–Smaller weapon for greater loadout capability



–JDAM tail kits
–SDB I and SDB II





CBP Lessons Learned

- **Capabilities Based Assessments take a long time**
 - New “Users Guide” will help focus efforts and set terms of reference
 - Focus efforts toward a solution – fight the urge “to solve world hunger”
- **Prioritization of capabilities is the goal**
 - Use Joint Capability Areas to help refine our thinking
 - Focus JROC attention on major issues
- **KPPs**
 - Criteria for selection
 - Cost drivers for each



Tier 1 JCAs

- **Joint Force Generation**
- **Joint Force Management**
- **Joint Battlespace Awareness**
- **Joint C2**
- **Joint Net-Centric Operations**
- **Joint Public Affairs Operations**
- **Joint Interagency / IGO/ NGO/ Coordination**
- **Joint Protection**
- **Joint Logistics**
- **Defense Support of Civil Authorities**
- **Joint Homeland Defense**
- **Joint Global Deterrence**
- **Joint Shaping**
- **Joint Stability Operations**
- **Joint Information Operations**
- **Joint Access & Access Denial**
- **Joint Special Operations & Irregular Operations**
- **Joint Land Operations**
- **Joint Maritime /Littoral Operations**
- **Joint Air Operations**
- **Joint Space Operations**



Tier 2 JCAs

- **Joint Access & Access Denial**
 - Forcible Entry, LOC Protection, Contingency Basing, Seabasing, Freedom of Navigation, Blockade
- **Joint Land Operations**
 - Op Movement and Maneuver, Joint Fires, Decisive Maneuver, Security
- **Joint Maritime/Littoral Operations**
 - Surface Warfare, Undersea Warfare, Maritime Interdiction, Maritime Expeditionary Ops, Maritime Fires, Observe & Collection, Theater Air & Missile Defense
- **Joint Air Operations**
 - Offensive Counter Air Ops, Strategic Attack, Air Interdiction, Tactical Air Support, Theater Air & Missile Defense, Battlefield Deconfliction



Success Stories

- **Joint Undersea Superiority**
 - First ICD on MCM staffing complete, headed to FCB
 - Additional ICD for ASW in work
- **The Global Strike Raid Scenario CBA**
 - FNA complete
 - FSA in work; coordinating with Prompt Global Strike and other efforts
- **Sea-basing and JC2 CBAs ongoing**



Success Stories - JETS

Joint Effects Targeting System (JETS) is a single joint targeting system designed to replace 20+ stove-piped and non-interoperable targeting systems.

- Joint Integrated Product Team
 - Stove-piped efforts addressed similar issues.
 - Nearly identical capability requirements
- JCIDS “CBA” resulted in approved ICD. Single Joint solution found to be best alternative.



SUFFICIENCY



Munitions Requirement Process

Threat Report

DIA

- Maneuver Forces
- Air
- Maritime
- IADS
- Infrastructure
- Strategic

**CoCOM
J8 WAD**

Phased Threat Distribution

- Allies
- SOCOM
- USMC (Air & Ground)
- USA
- USN
- USAF
 - Phase I: w%
 - Phase II: x%
 - Phase III: y%
 - Phase IV: z%

Total Munitions Requirement

- Combat Requirement
- Strategic Readiness Requirement
- Current Operations/Forward Presence Requirement
- Test & Training Requirement

Service Processes

- NNOR
- NCAA
- QWARRM

Services



MRP Vision for the Future

- **Strategy is still the driving force, but...**
- **Challenge is determining the right mix:**
 - **Surge Capability**
 - **Shelf life**
 - **Demil/Surveillance**
 - **Risk/Budget**
 - **Industrial base**
- **Weapons must be agile across scenarios**
- **Discipline/Rigor accomplished by aligning with the analytic agenda**



Way Ahead

- **Proficiency**
 - **JCIDS Process is Evolving**
 - **Reducing Cycle Time**
 - **CBA Standards Developing**
 - **Gap Analysis for Capabilities**

GOAL: Prioritization of Joint Capabilities



Way Ahead

- **Sufficiency**
 - **MRP vastly improved in the past two years**
 - **COCOMs, Services, Joint Staff, and OSD involved**

GOAL: ID Requirements (Qty); Balance Acceptable Operational Risk with the Industrial Base



ANY QUESTIONS?

