



DoD Acquisition Policy and Operational Testing

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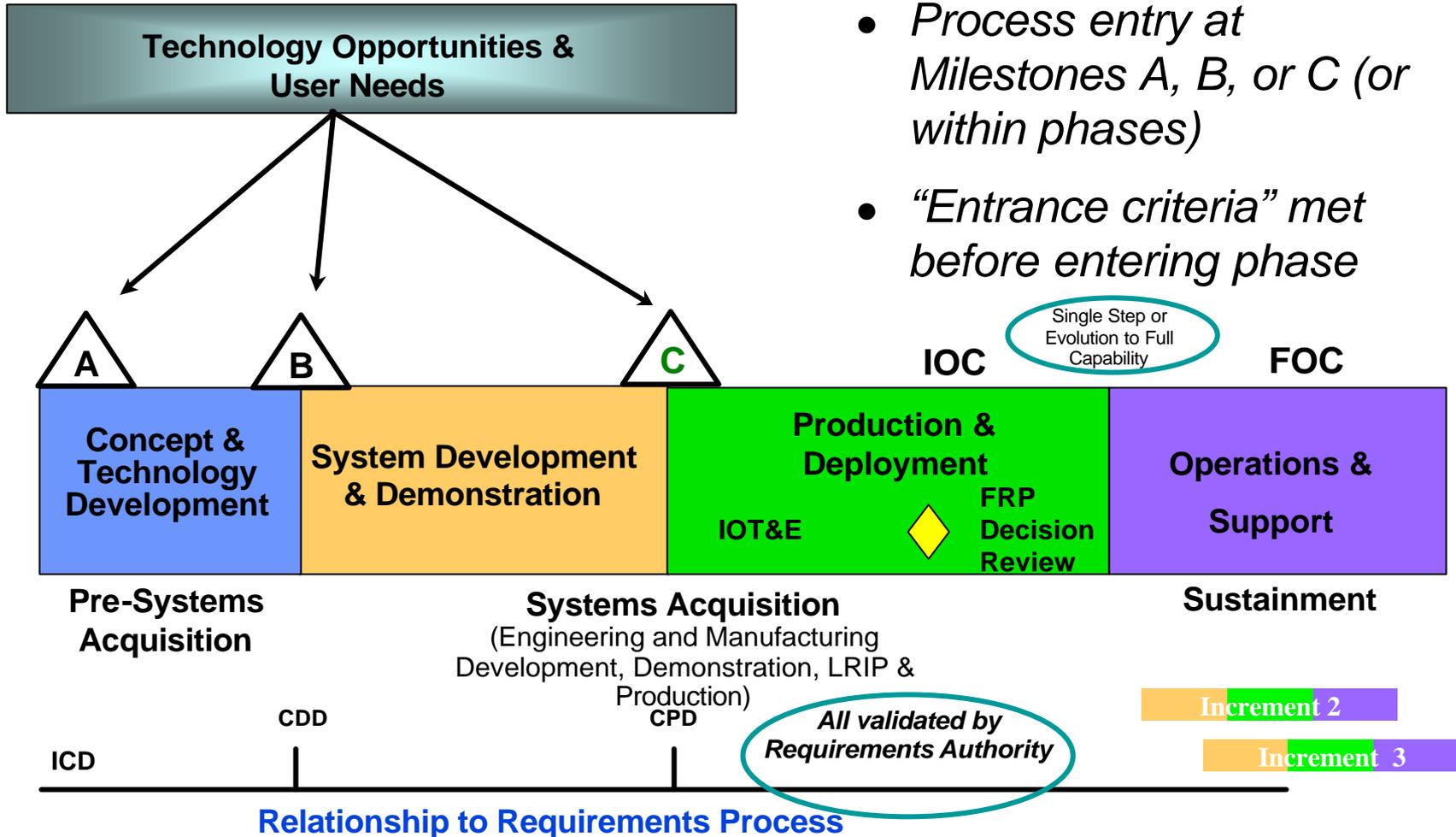
Key Focus Areas FY 2000 Revision

- **Deliver advanced technology to warfighters faster**
 - Rapid acquisition with demonstrated technology
 - Full system demonstration before commitment to production
- **Reduce total ownership costs and improve affordability**
 - Cost as a requirement that drives design, procurement, and support
 - Increased competition
- **Deploy interoperable and supportable systems**
 - Interoperability demonstrated prior to production
 - Integration of acquisition and logistics

Improved performance (including quality) at lower cost.

The 5000 Model

(FY 2000 Revision and Interim Policy)



- Process entry at Milestones A, B, or C (or within phases)
- “Entrance criteria” met before entering phase

Single Step or Evolution to Full Capability

All validated by Requirements Authority

Deputy Secretary of Defense Direction

- Canceled existing policies
- Issued interim guidance
- Directed rapid preparation of revised documents



THE DEPUTY SECRETARY OF DEFENSE
WASHINGTON, D.C. 20301-1000



OCT 30 2002

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
CHAIRMAN OF THE JOINT CHIEFS OF STAFF
UNDER SECRETARIES OF DEFENSE
DIRECTOR DEFENSE RESEARCH AND ENGINEERING
ASSISTANT SECRETARIES OF DEFENSE
GENERAL COUNSEL, DEPARTMENT OF DEFENSE
INSPECTOR GENERAL, DEPARTMENT OF DEFENSE
DIRECTOR, OPERATIONAL TEST AND EVALUATION
ASSISTANTS TO THE SECRETARY OF DEFENSE
DIRECTOR, ADMINISTRATION AND MANAGEMENT
DIRECTOR, NET ASSESSMENT
DIRECTORS OF THE DEFENSE AGENCIES
DIRECTORS OF DOD FIELD ACTIVITIES

SUBJECT: Defense Acquisition

I have determined that the current DoD Directive 5000.1, "The Defense Acquisition System," DoD Instruction 5000.2, "The Operation of the Defense Acquisition System," and DoD 5000.2-R, "Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and Major Automated Information System (MAIS) Acquisition Programs," require revision to create an acquisition policy environment that fosters efficiency, flexibility, creativity, and innovation. Therefore, by separate memorandum, I have cancelled those documents effective immediately.

By this memorandum, I am issuing the attached interim guidance in place of the cancelled documents. The intent of the guidance is to rapidly deliver affordable, sustainable capability to the warfighter that meets the warfighter's needs. Additional, supporting discretionary, best practices, lessons learned, and expectations have been posted to the DoD 5000 Resource Center at <http://dod5000.dau.mil>.

I am directing the Under Secretary of Defense for Acquisition, Technology, and Logistics, with the Assistant Secretary of Defense (Command, Control, Communications, and Intelligence) and the Director, Operational Test and Evaluation, to jointly prepare revised documents within 120 days.

Attachments:
As stated

U16167-02

Revised Policy Objectives

- **Streamline Policy Documents**
- **Increase Flexibility**
- **Emphasize Evolutionary Acquisition**
- **Integrate Acquisition Business Model with transformed Requirements Generation System**

Streamlined Policy

- ***DoD Directive 5000.1***
 - Principles retained; innovation/flexibility emphasized
- ***DoD Instruction 5000.2***
 - Detailed discussion of acquisition model
 - Focused on required outcomes and statutory requirements
- ***DoD Acquisition Guidebook***
 - Canceled DoD Regulation 5000.2; characterized as non-mandatory
 - Content will be:
 - Expectations (TEMP, C4ISP etc.)
 - Best Practices
 - Lessons Learned
 - Guidance on practice and procedure
 - Information retained; available to workforce on Internet
 - Revision underway

Increased Flexibility

- **PM determines what information is required to satisfy regulatory requirements**
- **MDA may tailor (with some exceptions) regulatory information requirements**
- **MDA resolves issues regarding Guidebook expectations**

The Opportunity to Be Innovative

Continued Emphasis on Evolutionary Acquisition



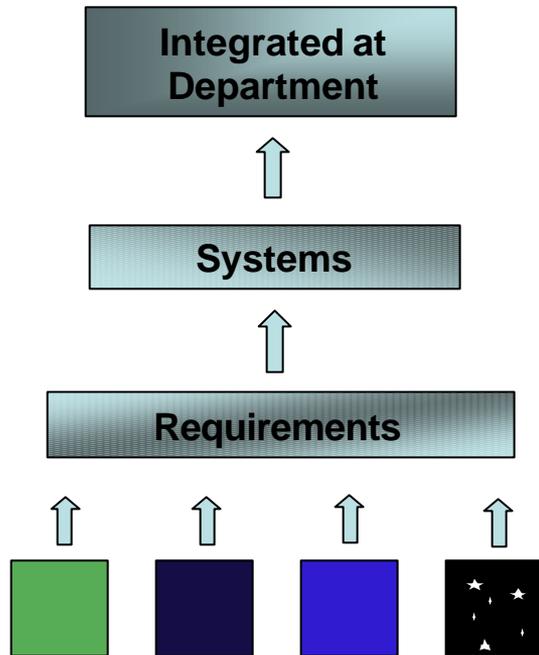
- Remains DoD's preferred acquisition approach
- Fully integrated into Acquisition Policy
- Further defined:
 - **Incremental Development**: A desired capability is identified; the end-state requirement is **known**; and that requirement is met over time by developing several increments, each dependent on available, mature technology.
 - **Spiral Development**: A desired capability is identified, but the end-state requirements are **not known** at program initiation. Requirements are refined through demonstration and risk management; there is continuous user feedback; and each increment provides the user the best possible capability.

Changes to Acquisition Model

- **Linkage to transformed Requirements Generation System (Joint Capabilities Integration and Development System (JCIDS))**
- **Acquisition model integrated with JCIDS**
- **Concept Refinement and Technology Development become separate phases (both Pre-Systems Acquisition)**

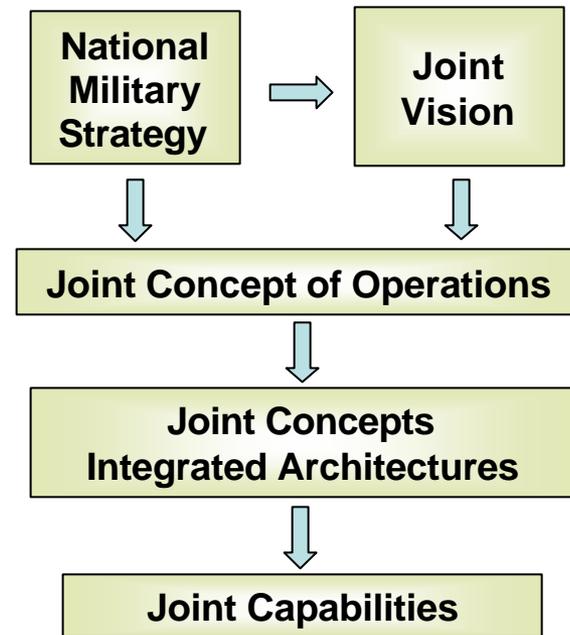
Transformation to the Joint Capabilities Integration and Development System

RGS



Bottom Up, Often Stovepiped

JCIDS



Top Down, Born Joint

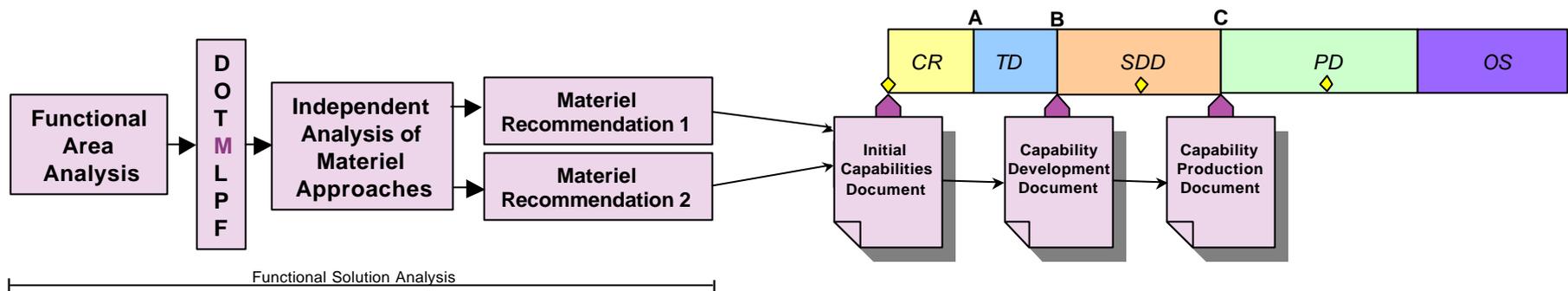
Requirements/Acquisition Integration

Overarching Policy --
NSS/NMS/Joint Vision

Joint Concept of Operations

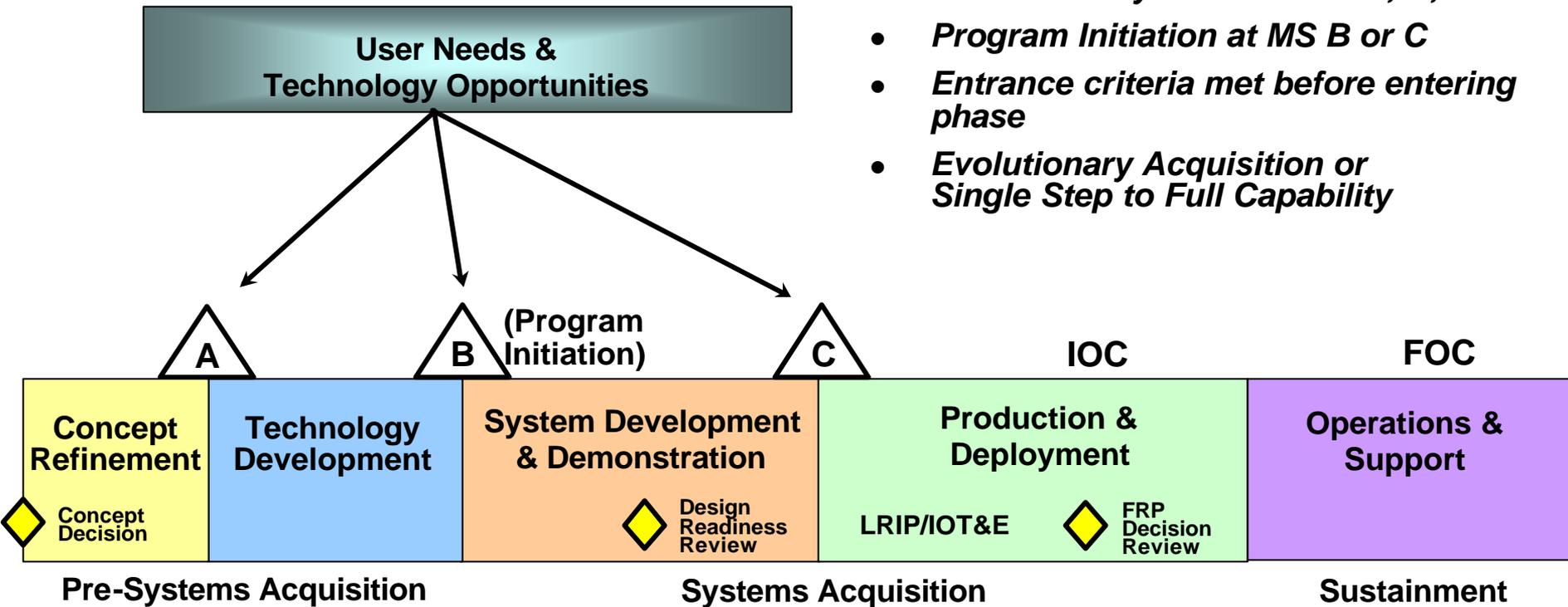
Functional Area
Functional Concept
Integrated Architecture

Defense Acquisition System – DoD 5000



Joint Capabilities Integration and
Development System -- CJCSI 3170

DoD 5000 Management Framework



- *Process entry at Milestone A, B, or C*
- *Program Initiation at MS B or C*
- *Entrance criteria met before entering phase*
- *Evolutionary Acquisition or Single Step to Full Capability*

Some Rules for Integrating T&E in Evolutionary Acquisition Programs

- **T&E Strategy must be consistent with time-phased requirements in the CDD/CPD.**
- **Programs must conduct adequate DT&E, LFT&E and OT&E of each increment; adequacy will be required for DOT&E test plan approval.**
- **Programs must integrate appropriately, without compromising the requirements of each type of testing, successive periods of DT&E, LFT&E and OT&E.**
- **Test content and objectives must be tailored, considering test results of earlier increments and scope of intended capability improvements.**
- **At a minimum, improvements in mission capability/survivability required of each increment must be evaluated; whether or not performance demonstrated by prior increments has been degraded must also be evaluated.**
- **The OTA must perform an independent OA prior to release of each successive increment to the user; the scope of the OA may vary, up to and including an IOT&E.**
- **Standard reporting is required for programs on the OSD T&E Oversight list (enclosure 3, DoD Instruction 5000.2).**

Additional Information

- Revised policies are effective upon signature
- New DoD Directive 5000.1 and DoD Instruction 5000.2 posted to DAU web site: <http://dod5000.dau.mil>
- Resident and Distance Learning courses updated
- Frequently Asked Questions posted
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Funding Support

