

# OASD Logistics and Materiel Readiness

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## **Depot Activation and the Interaction of Acquisition and Maintenance**

Presented to DoD Maintenance Symposium  
November 13, 2012

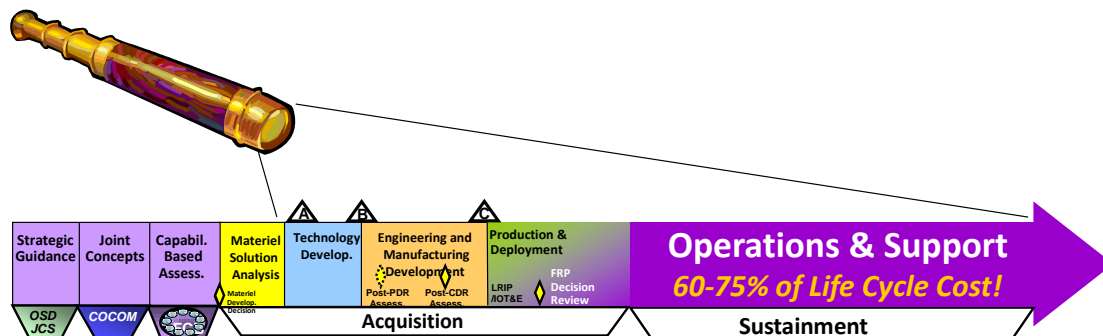


# Agenda



- ❑ Sustainment KPP/KSA
- ❑ 2366 A and B Requirements Pertinent to Sustainment
- ❑ PSM Responsibilities
- ❑ LCSP
- ❑ LCSP Phase Emphasis

## He Who Fails To Plan is Planning To Fail



## The PSM has to address a majority of a program's life cycle & its costs



# Sustainment KSA and KPPs

**Materiel Availability (Am) – Ready Assets across Fleet**

**O&S Cost**

**Operational Availability (Ao) – Ready Assets in Units**

**Pipeline Assets**

**Support Cost**

**Operating Cost**

**Mission Reliability or Critical System Reliability**

**Mean Down Time (MDT)**

**Depot Turn-around Time (TAT)**

**Depot Mx Costs**

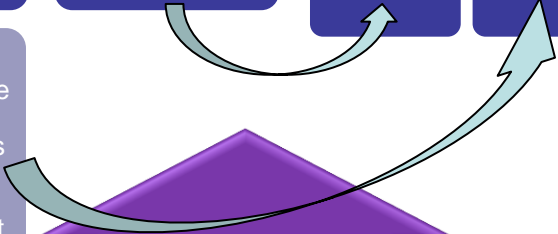
**Spare Parts Costs**

**Other Costs**

MTBEFF or Break Rate

Mean Time to Repair (MTTR) or Mean Corrective Maintenance Time (MCMT)

Logistics Response Time (LRT), e.g. Mean Logistics Delay Time (MLDT) or Customer Wait Time (CWT)



**Materiel Reliability**



## 10 USC § 2366 Milestone A and B Certification Requirements Pertinent to Sustainment Planning

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- ❑ **2366 (a) Certification — THE MILESTONE DECISION AUTHORITY (MDA) MUST CERTIFY PRIOR TO MILESTONE A:**
  - (4) that a determination of applicability of core depot-level maintenance and repair capabilities requirements has been made
  - (7) that ...the level of resources required to develop, procure, and sustain the program is consistent with the priority level assigned by the Joint Requirements Oversight Council.
- ❑ **2366( b) Certification — AN MDAP will not receive Milestone B approval until the MDA has received a business case analysis and certifies that—**
  - (A) that the program is affordable ...
  - (E) life-cycle sustainment planning... has identified and evaluated relevant sustainment costs
  - (F) an estimate has been made of the requirements for core depot-level maintenance and repair capabilities, as well as the associated logistics capabilities and the associated sustaining workloads required to support such requirements;



# PL 111-84 Sec 805 PSM Responsibilities



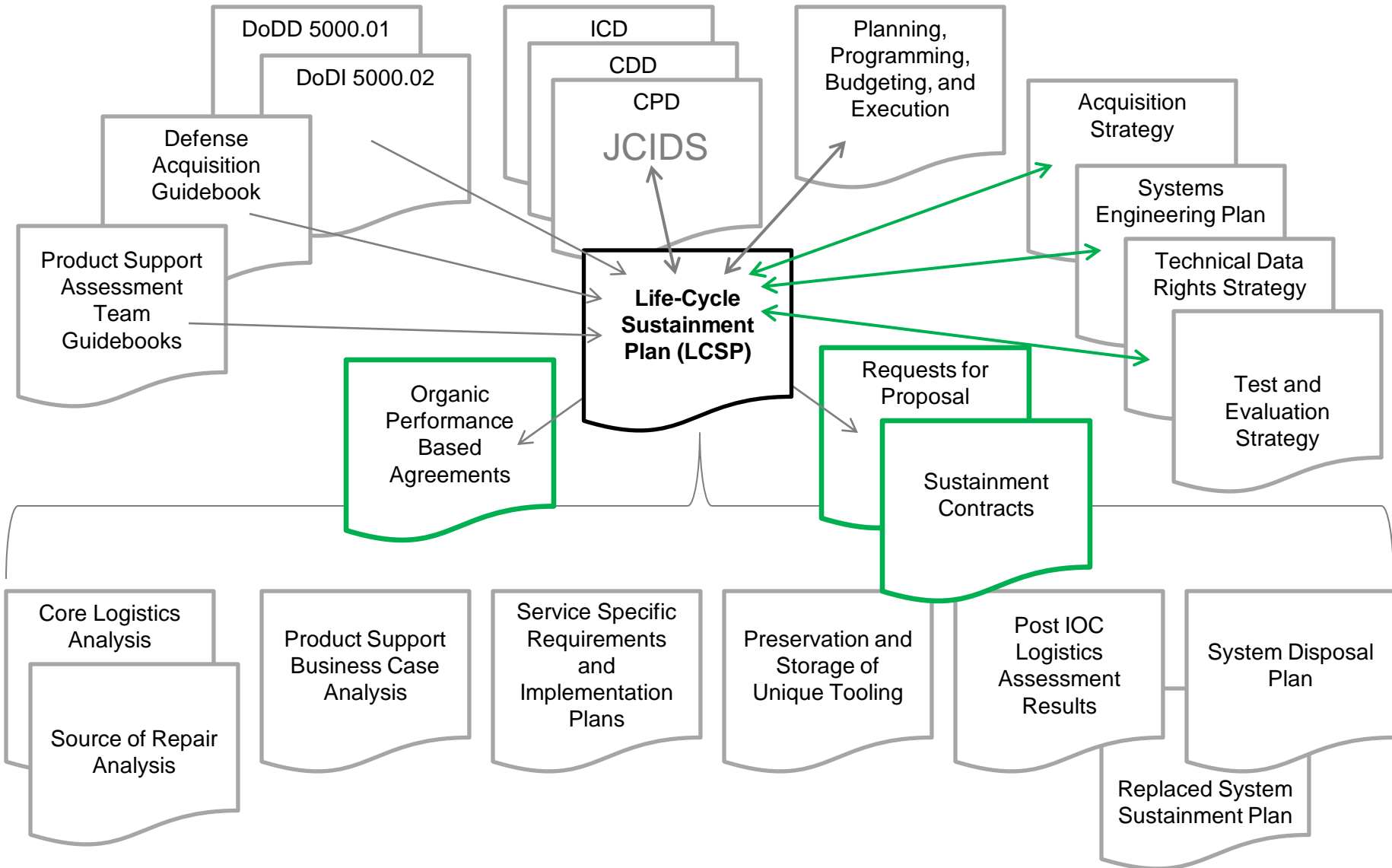
PSM References & Resources: <https://acc.dau.mil/psm>

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- ❑ **A product support manager for a major weapon system shall-**
  - develop a comprehensive product support strategy
  - conduct cost analyses to validate the product support strategy
  - assure achievement of desired product support outcomes through implementation of product support arrangements
  - optimize implementation of the product support strategy
  - periodically review product support arrangements
  - prior to each change in the product support strategy or every five years, revalidate any business-case analysis

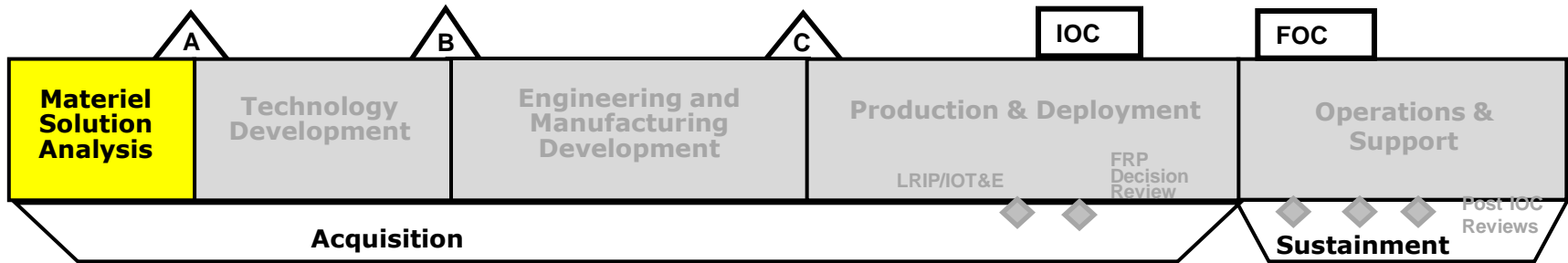


# The LCSP is the nexus of critical thinking to deliver affordable life-cycle product support





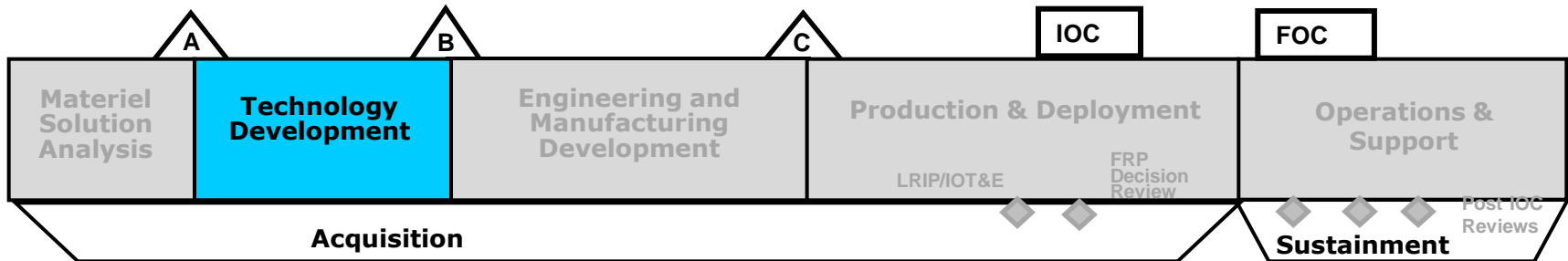
# Sustainment Planning Focus: Material Solution Analysis Phase



- **Understand and Influence the Requirements**
- **Influence the Acquisition Strategy and Request for Proposal**
- **Estimate Resources**



# Sustainment Planning Focus: Technology Development Phase



- **Establish Sustainment Concept & Execution Plan Framework**
- **Influence the Design**
- **Set Metrics Goals/Thresholds & Test Methods**
- **Refine Resource Estimates**