

# OASD Logistics and Materiel Readiness

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## Life-Cycle Sustainment Enclosure to DoDI 5000.02

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# Agenda

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- ❑ **Progress in the DoDI 5000.02 update**
  - Fact-of-life draft iteration with to Defense Procurement and Acquisition Policy synchronize with other sections
- ❑ **Life Cycle Sustainment policy specifics**
  - Detail on NDAA 2012 Sec. 832



# Estimated general structure of revised DoDI 5000.02



## Business Models

Enclosures	Weapon Systems	IT Systems	Business Systems	Rapid Acquisition
References				→
ACAT and MDA definitions				→
Statutory/Regulatory requirements				→
Test and Evaluation				→
Resource Estimation				→
Human Systems Integration				→
Program Management				→
Systems Engineering				→
Life Cycle Sustainment				→

**Notional**

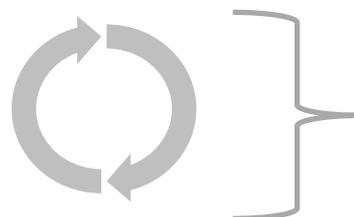


# Progress in the DoDI 5000.02 update

Solicit fact of life inputs

Draft enclosure

Synchronize various inputs



- Release Life Cycle Sustainment Plan Outline
- Update Defense Acquisition Guide Chapter 5

Formal staffing/adjudication of comments

Signature

Example facts of life:

- DTM 10-015
- PDUSD(AT&L) memo: Document Streamlining – Life Cycle Sustainment Plan Outline
- RMD 700
- NDAA '12 Sec. 832



# Life-Cycle Sustainment Enclosure to the DoDI 5000.02



## ❑ Five main sections:

- Sustainment Across the Life-Cycle
  - PM responsibility to plan for sustainment
- Leadership
  - Requirement for and responsibilities of a Product Support Manager
- Life-Cycle Sustainment Plan
  - Approval for OSD oversight programs
  - Evolution of content throughout the acquisition process
  - Regulator and statutory annexes
- Sustainment Metrics
  - Materiel Availability, Materiel Reliability, O&S Cost, Mean Down Time, others
- Product Support Strategy Reviews
  - Pre and Post-Fielding reviews of strategy and performance

## *Product Support Planning*

- *Performance based*
- *Product Support Strategy\**
- *Product Support Package*
- *Integrated Product Support Elements*
- *Government and industry providers*
- *Metrics that map to KPP/KSAs*
- *Competition, tech data rights*

*\*Section updated based on NDAA '12 Sec. 832*



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### *Product Support Manager (PSM)*

- *Section 805, FY10 NDAA*
- *DTM 10-015*



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### *Life Cycle Sustainment Plan*

- *Formalize policy from September 14, 2011 Streamlining memo*
- *Provide detailed guidance on expected planning focus areas by acquisition phase*
- *Policy on annexes to LCSP*
  - *Product Support Business Case Analysis*
  - *Core Logistics Analysis*
  - *Source of Repair Analysis*
  - *Preservation and Storage of Unique Tooling Plan*



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- *Availability\**
  - *Materiel Reliability\**
  - *Operating and Support Cost\**
  - *Mean Down Time*
  - *Other metrics*

*\*Section updated based on NDAA '12 Sec. 832*



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- *PSM directed logistics assessments as part of reviews*
- *DoD Component directed logistics assessments to support milestone decisions\**
- *DoD Component directed logistics assessment post-IOC\**

*\*Section updated based on NDAA '12 Sec. 832*



# NDA 2012 Sec. 832 summary

## □ SEC. 832. ASSESSMENT, MANAGEMENT, AND CONTROL OF OPERATING AND SUPPORT COSTS FOR MAJOR WEAPON SYSTEMS.

- (a) GUIDANCE REQUIRED.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall issue guidance on actions to be taken to assess, manage, and control Department of Defense costs for the operation and support of major weapon systems.
- (b) ELEMENTS.—The guidance required by subsection (a) shall, at a minimum—
  - (1) – (10)
- (c) RETENTION OF DATA ON OPERATING AND SUPPORT COSTS.—
  - (1) – (2)
- (d) MAJOR WEAPON SYSTEM DEFINED.—In this section, the term “major weapon system” has the meaning given that term in section 2379(f) of title 10, United States Code.

Action

DPAP

CAPE/DPAP/L&MR

CAPE

n/a



# NDAA 2012 Sec. 832 (b) detail (cont)

Action

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(6) require the military departments—  
 (A) to collect and retain data from operational and developmental testing and evaluation on the reliability and maintainability of major weapon systems; and  
 (B) to use such data to inform system design decisions, provide insight into sustainment costs, and inform estimates of operating and support costs for such systems;

(7) require the military departments to ensure that sustainment factors are fully considered at key life cycle management decision points and that appropriate measures are taken to reduce operating and support costs by influencing system design early in development, developing sound sustainment strategies, and addressing key drivers of costs;

*L&MR*

*L&MR*



# NDAA 2012 Sec. 832 (b) detail (cont)

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- (d) MAJOR WEAPON SYSTEM DEFINED

(8) require the military departments to conduct an independent logistics assessment of each major weapon system prior to key acquisition decision points (including milestone decisions) to identify features that are likely to drive future operating and support costs, changes to system design that could reduce such costs, and effective strategies for managing such costs;

(9) include—

- (A) reliability metrics for major weapon systems; and
- (B) requirements on the use of metrics under subparagraph (A) as triggers—
  - (i) to conduct further investigation and analysis into drivers of those metrics; and
  - (ii) to develop strategies for improving reliability, availability, and maintainability of such systems at an affordable cost; and

Action

L&MR

L&MR



# NDAA 2012 Sec. 832 (b) detail (cont)

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- (d) MAJOR WEAPON SYSTEM DEFINED

(10) require the military departments to conduct periodic reviews of operating and support costs of major weapon systems after such systems achieve initial operational capability to identify and address factors resulting in growth in operating and support costs and adapt support strategies to reduce such costs.

Action

*L&MR*



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# Questions