



Joint Program Executive Office for Chemical and Biological Defense

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Product Support Manager for the Joint Portfolio (PSM-JP)

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CBDAIF





Agenda

- **Background**
- **Challenges**
- **Initiatives**
- **Open Discussion**



PSM Background: DoD

- **DoD facing a constrained fiscal environment – Established Product Support Managers**
 - PSM assist PEO/PM focus on sustainment planning and execution
 - PSM challenged to provide enhanced, comprehensive performance based product support strategy that is efficient and cost effective
- **Public law and DoD guidance require us to seek better processes**
 - Public Law 111-84, Section 805
 - Better Buying Power
 - Product Support Manager Guidance
 - ASA ALT CONOPS for PSM

Sustainment Drives 60-80% of Life Cycle Cost of Weapon Systems:
We need to Address it Early and Throughout the Lifecycle



PSM-JP Background: CBDP

- JPEO – CBD Approved the PSM-JP August 21, 2013
- PSM-JP is the Enterprise Advocate for Enhancing Product Support
 - Advises the JPEO/MDA & assists the JPMs
 - Working with all stakeholders to address sustainment issues
 - Affordability
 - Obsolescence
 - Maintaining readiness
 - Healthy Industrial base
 - Maintaining organic Base



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
JOINT PROGRAM EXECUTIVE OFFICE
FOR CHEMICAL AND BIOLOGICAL DEFENSE
3101 HOADLEY ROAD
ABERDEEN PROVING GROUND, MD 21110-6424



13 SEP 2013

SFAE-CBD

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Chemical and Biological Defense Program Product Support Management Approach

1. Public Law 111-84, Section 805 established a new Product Support Manager (PSM) position for Acquisition Category Programs. The DoD provided further guidance in Directive-Type Memorandum 10-015, Requirements for Life Cycle Management and Product Support. Consistent with that guidance, I have designated Michael S. Abate as my Product Support Manager for the Joint Portfolio (PSM-JP). He will be my special staff officer, advisor, and strategic leader for all product support related activities.
2. As the PSM-JP, he will concentrate on assisting me and working with the Joint Project Managers in executing our assigned life-cycle management responsibilities within the Chemical Biological Defense (CBD) Enterprise. Specifically, he will focus on maintaining Joint Service readiness and increasing communication with all CBD stakeholders on product support related issues and activities.
3. The PSM-JP's primary objective is to implement systems and processes that will reduce the total cost of ownership for CBD systems and equipment. To this end, he will facilitate optimized product support management, to include all aspects of logistics from acquisition to affordable sustainment and readiness. I expect him to accomplish this by working with all CBD acquisition and logistics stakeholders in a synchronized effort to deliver comprehensive performance-based product support strategies that enhance integrated product support to the Warfighter.
4. I have asked PSM-JP to work with you to finalize the enclosed draft CBOP Enterprise Product Support Strategic Plan and to develop and associated Implementation Plan to the way the CBD Enterprise plans for and manages product support. To continue the momentum we have already gained, I will use him to reduce the guiding tenants of the Product Support Strategic Plan to practice in the Enterprise Logistics Initiative to achieve the goal of unified sustainment. I know he looks forward to this new challenge and ask you to provide your full support to him to establish and implement new and improved systems and processes that provide more affordable and effective product support across the CBD Enterprise.

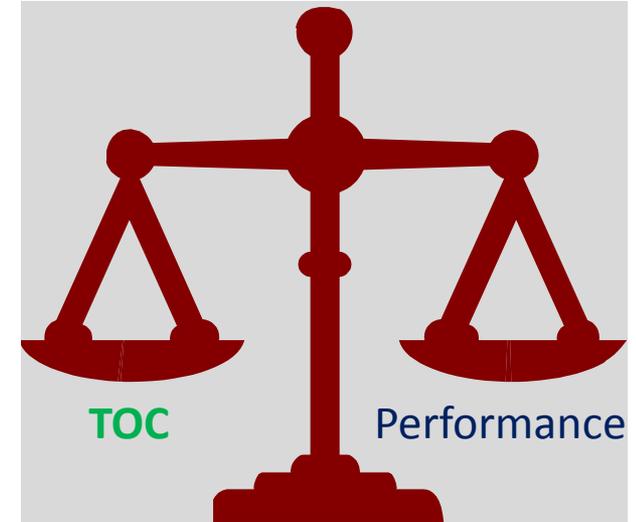

CARMEN J. SPENCER
Joint Program Executive Officer
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CBDP Enterprise Product Support Strategic Vision

Key Concepts:

- Affordable Warfighter Readiness: Balance system operational safety, suitability, effectiveness, availability, and total ownership costs
- Optimized CBDP Enterprise Support Capabilities: Consider the effects on the overall CBDP Enterprise capabilities resulting from the implementation of individual system product support strategies



The CBDP Enterprise must enhance the way it plans for and manages product support!



CBDP Life-cycle Product Support Management Construct

Acquisition Product Support

Items Under Development by JPMs

Sustainment Product Support

Fielded Items
Under Service Control

CBDP unique sustainment environment:

- **JPEO-CBD is the Total Lifecycle System Manager (TLCSM) and responsible for sustainment planning**
- **Services have Title X sustainment after fielding- each Service establishes and uses its own infrastructure to support CBDP capabilities.**

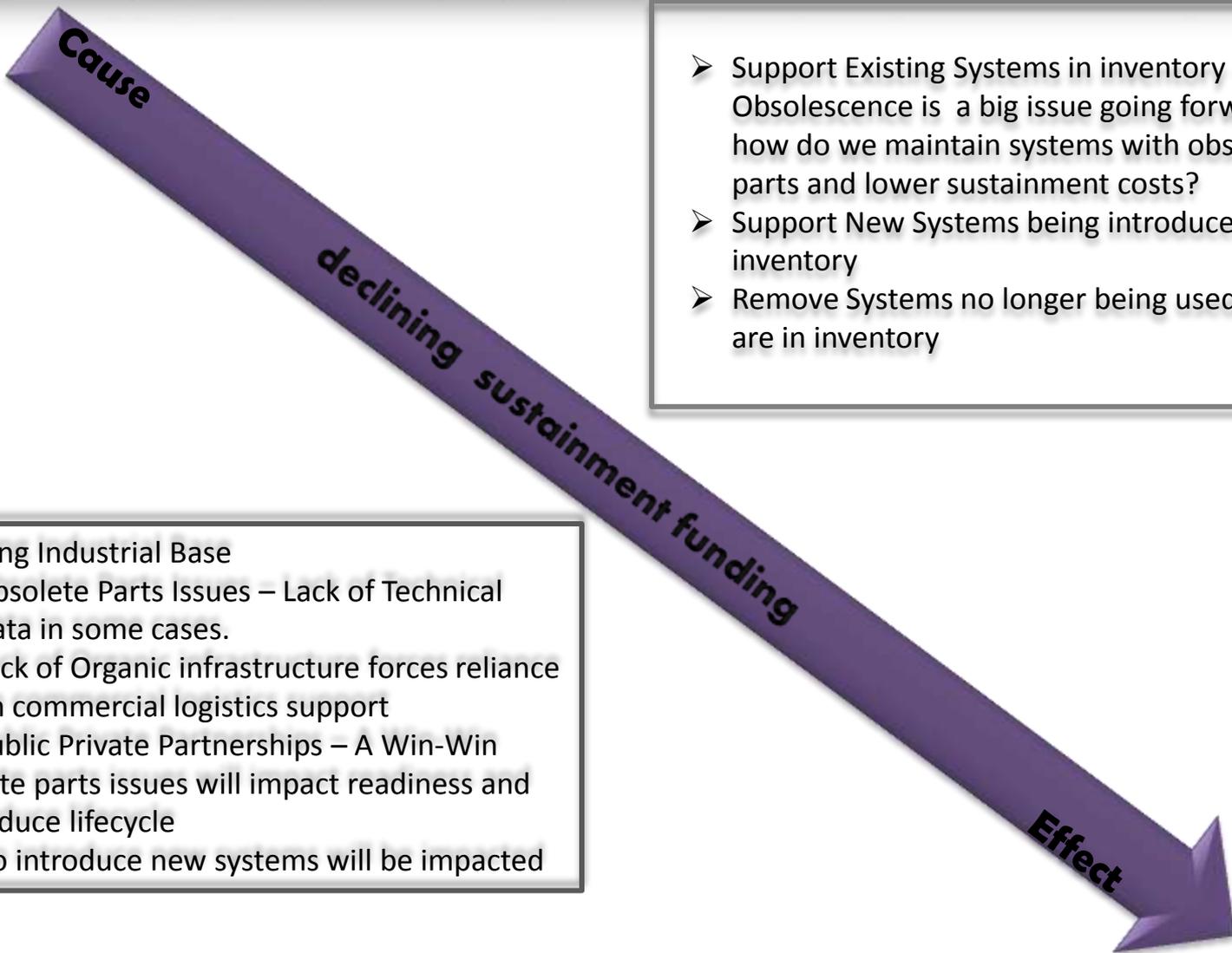


Sustainment Challenges

- **Anticipate Reduced demand for CBDP Spares**
- **Industrial Base may shrink due to limited procurement**
- **As the demand comes down, evaluating how best to preserve the Organic and Commercial Industrial base**
 - **Assessment and input into the acquisition strategy and life cycle sustainment processes to ensure preservation and development of critical industrial base capabilities**
 - **Public/Private Partnerships**
 - **Affordability is the KEY to sustainment!**



Sustainment Funding



- Support Existing Systems in inventory – Obsolescence is a big issue going forward, how do we maintain systems with obsolete parts and lower sustainment costs?
- Support New Systems being introduced into inventory
- Remove Systems no longer being used that are in inventory

- Declining Industrial Base
 - Obsolete Parts Issues – Lack of Technical Data in some cases.
 - Lack of Organic infrastructure forces reliance on commercial logistics support
 - Public Private Partnerships – A Win-Win
- Obsolete parts issues will impact readiness and may reduce lifecycle
- Time to introduce new systems will be impacted



Sustainment Strategy

- **New sustainment strategy – *CBSS***
 - The *Cost Benefit Sustainment Strategy (CBSS)* is the process of all stakeholders coming together early in the acquisition process to develop an affordable and effective sustainment strategy.
 - Identify and leverage existing infrastructure (*single support*) to support programs in order to minimize duplication of efforts.
 - Continue to re-evaluate the plan through sustainment to ensure the plan remains affordable and effective and is not overcome by events

Cost-Benefit Sustainment is the process to achieve Affordable Warfighter Readiness and Optimized CBDB Enterprise Support Capabilities



Logistics Process Improvements

- **O&S Planning Spans the Entire Acquisition Process and Involves All Stakeholders:**
 - Review sustainment requirements early and identify trade space (sustainment vs performance)
 - Acquisition strategies address plan to reduce O&S costs
 - Use Sustainment Maturity Levels as established by PSM Guidebook
- **Increased use of Industrial Base Working Group**



Initiative: Public-Private Partnership (P3)

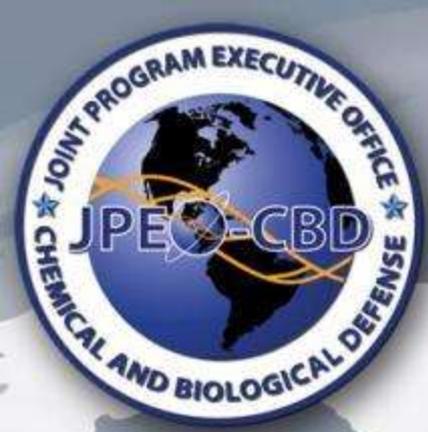
- **10 U.S.C. 2474 authorizes the use of P3**
 - Encourages private-sector use of excess capacity at Centers of Industrial and Technical Excellence (CITEs)
 - Pine Bluff Arsenal (PBA) designated as the CITE for CBD items by the Secretary of the Army.
- **Work with JPM PSMs to identify P3 candidates**
 - Critical technologies/manufacturing that needs to be protected to ensure readiness
 - Establish a P3 strategy specifically for that candidate
 - Evaluate Long Term contracts that can incentivize Industry



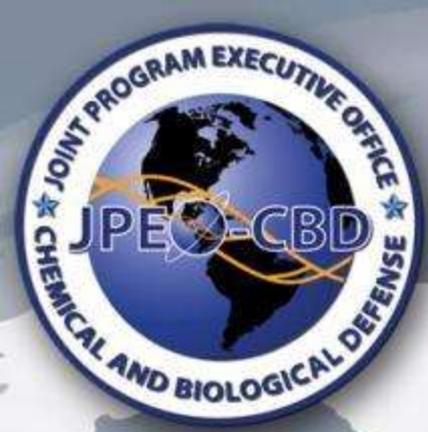
Summary

- **Challenge: Decrease sustainment costs without impacting readiness**
- **Solution: It will take all Stakeholders working together**

Need Industry to Partner with us to develop Innovative Solutions to a Multi-faceted Problem!



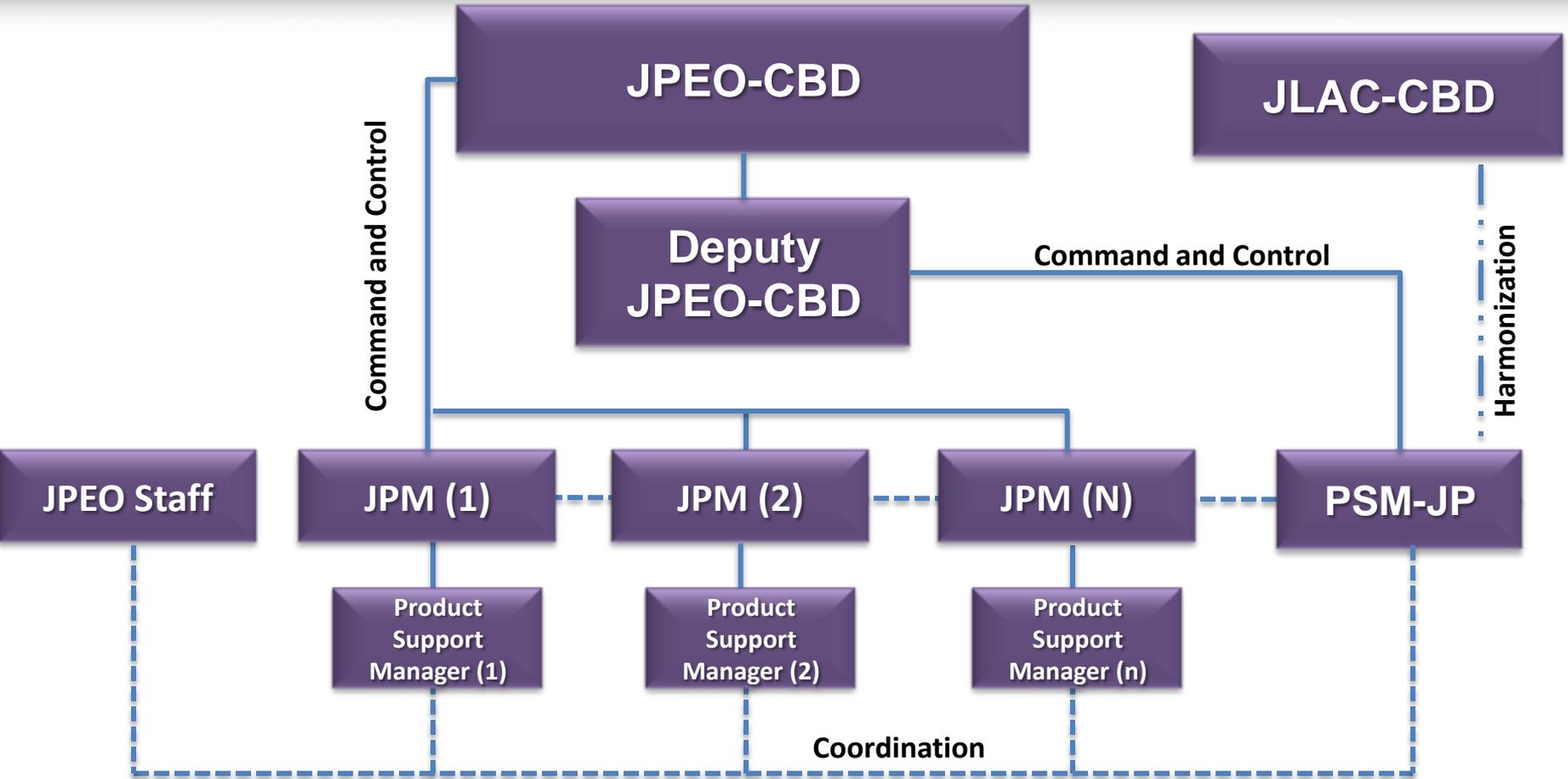
Open Discussion



Backups



PSM-JP Relationships



JPMs Remain Responsible and Accountable for Total Life-Cycle System Management of All Assigned Programs