



# Parts Standardization and Management Committee (PSMC)

## Parts Management

Sponsored by the  
Defense Standardization Program Office



*Fall PSMC, NV  
Oct 25, 2010*

# *What We Are*

The Parts Standardization and Management Committee (PSMC) is a DoD sponsored committee that provides a forum to influence and support parts management and standardization through commonality of parts and processes.



# Who We Are

- The PSMC is chartered by the Defense Standardization Program Office (DSPO) to advise in the development of policy, procedures, and guidance related to parts management.
- Our goal is to establish parts management best practices across DoD to increase weapon system operational availability and reduce life cycle costs.



# Government Participants

- Defense Standardization Program Office
- OSD Systems Engineering
- Military Departments
- Defense Logistics Agency
- Missile Defense Agency
- Government-Industry Data Exchange Program



# Industry & Part Data Participants

- Applied DNA Sciences
- ARINC
- BAE Systems
- B/E Aerospace
- BMP COE
- Boeing
- ECCMA
- General Dynamics
- Goodrich
- Honeywell
- IHS
- ILS
- KARTA
- L-3 Communications
- Lansdale
- LMI
- Lockheed Martin
- MTI
- National Semiconductor
- NCI Inc.
- Northrop Grumman
- Parker Aerospace
- PARTsolutions LLC
- Raytheon
- SAE International
- Sandia National Labs
- SiliconExpert Technologies
- SMT
- TechnoLINK
- XSB



# *Why Parts Management Is Important*

Parts are the building blocks from which systems are created and, as such, greatly impact hardware dependability and readiness. Parts Management focuses on selecting the best parts at the design phase of an acquisition program considering factors which may affect reliability, standardization, quality and obsolescence mitigation under an overarching Systems Engineering umbrella.

These parts will provide the ultimate user, the Warfighter, returns that can be measured through the desired performance-based criteria of operational availability, operational reliability, logistics footprint and logistics response time as well as payback in terms of total ownership costs.



# Why is Parts Management Important

Parts Management focuses on part selection during weapon system design, considering factors which may affect part application, obsolescence mitigation, and standardization.

## ***The benefits include:***

- Reduced system life cycle costs
- Enhanced system supportability.
- Improved quality and reliability.
- Improved readiness
- Better interoperability
- Reduced logistic footprint
- Lower documentation costs
- Decreased part and supplier qualifications.
- Reduced inventory cost.
- Enhanced economy of scale through larger volume buys.



# PSMC Objectives

## **PSMC Mission:**

**To provide a standing forum for communication and collaboration between DoD and industry to promote and enable effective parts management in support of the Warfighter.**

### ***We achieve this by:***

- Promoting the benefits of Parts Management
- Reducing life cycle costs by promoting part and process commonality
- Advocating commercial/industrial part standardization.
- Promoting parts management education and training.
- Developing parts management tools
- Promoting a standard parts database.
- Assisting in developing cost-effective parts management programs.
- Mitigating the impact of obsolescence.



# *PSMC Benefits*

Partnering with the PSMC can provide your organization insight into the latest practices in parts management.

*The PSMC offers:*

- Development of parts management policy and documentation.
- A forum to discuss the latest changes in acquisition initiatives and practices.
- Networking opportunities at multiple levels of government and industry.
- Increased knowledge through briefings presented by leading government and industry representatives, introducing innovative tools and practices that assist in the development and maintenance of a parts management program.



# *Current Focus Areas*

The PSMC is focusing on the following efforts:

- Reengineering DoD Parts management
- Recommending Parts Management Policy
- Restoring Parts Management as a Systems Engineering Discipline
- Providing Parts Management Tools
- Recommending Process Improvements
- Developing Case Studies
- Collaborating with the DMSMS Community



# *Become a PSMC Partner*

Subcommittees for participation:

- Contracting, Policy, and System Engineering & Education/Documentation
- Counterfeit
- Parts Management Tools
- Charter
- DMSMS
- Marketing



# *Join the PSMC Team*

## **Meeting Locations/Dates:**

- Biannual, fall and spring
- Locations alternate between East and West Coasts

**PSMC Website:** <http://www.dsccl.dla.mil/Programs/Psmc/>

## **Participation:**

If interested in joining the committee as a government participant, or an advisory industry parts management expert: Request an invitation from the Chairperson  
*Call (703)767-6874 or e-mail dspo@dla.mil*

