



Parts Standardization and Management Committee (PSMC)

Parts Management



Boeing
Industry Co-Lead
Spring PSMC, LMI, VA
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What We Are

The Parts Standardization and Management Committee 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 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 total ownership costs.***



Government Participants

- Defense Standardization Program Office
- OSD Systems Engineering
- Military Departments
- Defense Logistics Agency
- Government-Industry Data Exchange Program (GIDEP)
- Missile Defense Agency
- Federal Aviation Agency



Industry & Part Data Participants

- ACC
- Aerospace Corporation
- Applied DNA Sciences
- ARINC
- BAE Systems
- BMP COE
- Boeing
- DfR Solutions
- ECCMA
- General Dynamics Electric Boat
- Honeywell
- IDA
- IHS
- Inventory Locator Svc
- KLX Aerospace
- L-3 Communications
- Lansdale
- LMI
- Lockheed Martin
- Noetic Data
- Northrop Grumman
- NSRP
- PARTsolutions LLC
- Raytheon
- Rochester
- SAE International
- Sandia National Labs
- SiliconExpert Technologies
- SMT
- TechnoLINK
- UTC Aerospace Systems
- 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***.



Benefits of Parts Management

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

Benefits include:

- Reduced system life cycle costs
- Enhanced system supportability
- Improved quality and reliability
- Improved readiness
- Better interoperability
- Reduced logistics footprint
- Lower documentation costs
- Decreased part and supplier qualifications
- Reduced inventory costs
- 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 / 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 impacts 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 procedures 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:

- Continuing Implementation of DoD Parts Management
- Recommending Parts Management Procedures and Best Practices
- Provide Parts Management Guidance & Training
- Providing Parts Management Tools and Data
- Recommending Process Improvements
- Developing Case Studies
- Collaborating with the Diminishing Manufacturing Sources & Material Shortages (DMSMS) and GIDEP Communities



Become a PSMC Partner

Subcommittees for participation:

- Systems Engineering, Procedures, Contracting, and Education
- Counterfeit Parts and Risk Mitigation
- Parts Management Tools and Data
- DMSMS
- Implementation



Internet Resources

PSMC:

<http://www.dla.mil/LandandMaritime/Offers/Services/TechnicalSupport/DocStandDiv/PartsMgmtPgrm/PartsStdMgmtComm.aspx>

DSPO: <https://www.dsp.dla.mil>

DLA Land & Maritime: <http://www.dla.mil/LandandMaritime.aspx>

DLA Parts Management:

<http://www.dla.mil/LandandMaritime/Offers/Services/TechnicalSupport/DocStandDiv/PartsMgmtPgrm.aspx>

DAU Parts Management Course:

http://icatalog.dau.mil/onlinecatalog/courses.aspx?crs_id=500

DPMP: <https://dpmp.lmi.org>

PinPoint: <https://pinpoint.xsb.com>

GIDEP: <http://www.gidep.org>

DMSMS KSP: <https://acc.dau.mil/dmsms>

DMSMS Annual Meeting: <http://www.dmsmsmeeting.com/>



Join the PSMC Team

Meeting Locations/Timeframes:

- Biannual, fall and spring
- Fall meeting: 31 Oct – 2 Nov 17; host location is TBD

PSMC Website:

<http://www.dla.mil/LandandMaritime/Offers/Services/TechnicalSupport/DocStandDiv/PartsMgmtPgrm/PartsStdMgmtComm.aspx>

Participation:

If interested in joining the committee as a government or industry participant, contact the PSMC Chair; *call (703)767-6874*



Participant Introductions

- Around the room introductions (sign-in sheet)

