



# *Previous Meeting Summary*



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**Spring 2011**

## *Parts Standardization & Management Committee Meeting*

**Held 12-14 April 2011**

**LMI, McLean, VA**

Presented at  
Fall PSMC, Seattle  
Nov 1, 2011



# ***Presentations***



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## **“DSPO Perspective on Parts Management”**

(DSPO Deputy Director)

- DSPO’s transition from Logistics to Systems Engineering in March 2010 has produced more opportunities to promote parts management / standardization earlier in the SE process

## **“Systems Engineering Perspective”**

(Director of Mission Assurance in DASD/SE)

- Parts management is “absolutely crucial”
- A reduction in parts count pays dividends throughout the program lifecycle
- DoD plans to refocus on parts management and related engineering topics under the SE umbrella



# ***Presentations***

## ***(Continued)***



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### **“Relationship: Parts Management – Manufacturing Readiness”**

(Support Contractor from IDA)

- Illustrated how Parts Management activities could be related to Manufacturing Readiness Levels assessments / criteria in accordance with GAO report 10-439, April 2010

### **“Counterfeit Update – DoD”**

(OSD/SCI Lead for Mitigating Counterfeit in DoD)

- DoD directive type memo on counterfeit topic is in draft
- Counterfeit screening / detection processes work relatively well; but addressing a counterfeit part once it is identified needs improvement
- Suggested incentivizing use of a reporting system



# ***Presentations***

## ***(Continued)***



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### **“AS-5553 Verification Program”** (Representative of ECC Corp)

- Third-party AS-5553 certification for demonstrable authenticity.

### **“Mechanical Parts/Materials Industry Standard”**

(Representative of SAE International)

- AS5553 for counterfeit electronics, published Apr 2009, adopted by DoD / NASA, being revised for more global applicability.
- AS6174 for counterfeit materials, under development, targeted for high reliability applications.

### **“DMSMS Industry Standard”** (Representative of Boeing Seattle)

- Targeted for publication as a Tech America standard under the GEIA Avionics Process Management Committee (APMC).
- Will support EIA-4899, “Standard for Preparing an Electronics Component Management Plan.”



# ***Presentations***

## ***(Continued)***



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### **“OEM Perspective on PinPoint Preferred Parts Project”**

(Representatives from Northrop Grumman and L-3 Communications)

- Used PinPoint tool (XSB) to compare part selection commonality and preferred parts lists between NGC, L-3, and DLA.
- This effort identified large numbers of duplicates and resulted in significant savings in connectors and fasteners.

### **“A Common Model for Standard Parts Databases/Product Standards as Digital Data at Boeing”** (Boeing Representative)

- Boeing Product Standards as Digital Data Initiative
- Requested PSMC and DoD begin work towards developing a DoD digital data concept for standard parts



# ***Presentations***

## ***(Continued)***



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### ***“Lead-Free Challenges Update”*** (Military Co-lead, Air Force)

#### ***- Lead-Free Electronics Technology Focus Team (LFE TFT)***

Drafted a policy statement and lead-free language for the Defense Acquisition Guide and other directives and instructions

#### ***- Pb-free Electronics Risk Management (PERM) Consortium***

PERM has maintenance responsibility for GEIA standards associated with Pb-free, and is currently drafting GEIA-HB-0005-4: Guidelines for Performing Reliability Assessment for Pb-free Assemblies used in Aerospace and High-Performance Electronic Applications



# ***Contracts, Policy, Systems Engineering, Education/Documentation Subcommittee Meeting***



- Areas in systems engineering that contain parts management direction/guidance, most of it recently strengthened:
  - Defense Acquisition Guide (DAG) Ch 4, paragraph 4.4.1.2, Ch 5
  - DoD 4120.24-M, Defense Standardization Program Policy and Procedures, Ch 3, C3.2 and C3.2.4
  - SD-19, Parts Management Guide
- The DAU CLL206 course name is changing from “Parts Management Executive Overview” to “Introduction to Parts Management,” to indicate that it provides a high-level overview for users at any level.
- Change Notice 1 to MIL-STD-3018, Parts Management, adding Pb-free and counterfeit sub-plan requirements, is out for coordination.
- Subcommittee developed a draft checklist matrix of questions for Parts Management to be used during Systems Engineering reviews such as SRR, PDR, and CDR. It requires further refinement, but is formatted comparably to other checklist content and based on MIL-STD-3018.



# Counterfeit Subcommittee Meeting



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- Counterfeit specific language is being added to materiel management regulations (i.e., the “Super Reg,” DoD 4140.1-R, “DoD Supply Chain Materiel Management Regulation,” May 2003)
  - Government anti-counterfeit focus will be more intense on regulated industries (nuclear, pharmaceutical, etc) than consumer products
  - Action Items:
    - Develop an article for the DSP Journal
    - Look at future updates needed for SD-19, Parts Management Guide
    - Develop a roadmap of counterfeit mitigation standards related activities



## ***Tools Subcommittee Meeting***



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- Focus continues around the PinPoint tool. PinPoint can be accessed from the Defense Parts Management Portal (DPMP), <https://dpmp.lmi.org/default.aspx> or <https://pinpoint.xsb.com/>.
  - The PinPoint “roadmap” will be updated, with consideration given to expanding data sharing focus commodities beyond connectors and fasteners in the future.
  - They will also seek additional opportunities for data-sharing activities between organizations and companies such as XSB and PartSolutions, DLA, Silicon Expert, SAE, and OEMs.
  - There is an intention to do more work between PinPoint and GIDEP in the future (machine-to-machine interface).