

**Parts Standardization and Management Committee (PSMC)
Spring Session – April 15 -19, 2002
San Diego, California**

Tuesday, April 16, 2002

1. Sam Merritt, the PSMC Government Co-Chair, called the General Session meeting to order. Mr. Merritt reviewed the week's agenda and the sub-committee breakout meetings that were to take place.
2. Introductions: Each attendee was asked to introduce themselves and their respective affiliation (Government, Industry, Military, etc.) to the group at large. Jamie Gluza, Meeting Coordinator, requested that each attendee sign and complete the attendance list and update their address/organization/e-mail data as needed. It was emphasized that this is needed to determine PSMC voting rights in accordance with the Charter.
3. Introduction of Subcommittee Chairs: John Becker; Education & PM Documentation, Jamie Gluza; Marketing, Neil Gordon; DMS & PEMS/COTS (for Joe Hartline and Mike Jones), Carl Muncy; MPCASS/GFBs. It was requested that each subcommittee select an administrator to record meeting minutes for the record.
4. Report, Executive Steering Committee Meeting, April 15, 2002:

An overview of the PSMC Executive Steering Committee Meeting was given the Co-Chairs and is summarized below. The entire meeting minutes can be obtained through the PSMC website at www.dscclia.mil/psmc or contact Sam Merritt for a copy.

 - a. Due to lack of administrative support, the general session meeting minutes will be taken by the Steering Committee.
 - b. Reviewed meeting agenda.
 - c. Discussed the need to review the meeting attendance roster for voting purposes.
 - d. As the Industry Co-Chair, Mr. Steve Parker, could not attend. It was suggested that Mr. David Fitzgerald be asked to take his place.
 - e. Jamie Gluza discussed the April 2001 PSMC Meeting Survey results.
 - f. Ideas and suggestions were solicited from the Subcommittee chairs.
 - g. It was Recommended that DSCC, Columbus, Ohio, host the July Steering Committee Meeting. The meeting is tentative scheduled for July 16-18, 2002.
 - h. The fall PSMC General Meeting was tentatively scheduled for October 21-25, 2002, in Kissimmee, FL.

- i. It was discussed that the PSMC may be called upon to brief Program Managers on the business case publication "*Reduce Program Costs Through Parts Management*."
5. Jamie Gluza summarized the survey results from the April 2001 PSMC Meeting.
6. In response to a question regarding direction and the function of the PSMC, Sam Merritt reviewed the role of Greg Saunders, who, as Director, Defense Standardization Program Office, has the responsibility for DoD Parts Management policy. He also stated that Mr. Saunders has used the committee as a resource for developing parts management policy and guidance. It was stated that Mr. Saunders would be asked to attend the fall PSMC meeting to discuss future DoD Standardization policy.
7. A question was raised as to what there may be in regards to an obsolescence management handbook similar to SD-19. It was determined that this effort is currently underway by the DMSMS Team Working Group. The DMSMS Subcommittee will discuss this in further detail during their breakout session.
8. It was mentioned that there have been signs of the "pendulum," swinging back toward the middle in regards to including Parts Management requirements in contracts. One of the major program managers has requested language for contracts that addresses both Parts Management and obsolescence. This is for a major high visibility program. Meeting participants agree that Parts Management and obsolescence go hand in hand and that obsolescence considerations should be part of Parts Management.
9. There was some discussion on the legislative action to limit offshore procurement of microcircuits. Sam Merritt is to update the committee on the status of the bill at the next general meeting.
10. There was discussion regarding the lack of Navy participation from military program level management at PSMC meetings so as to increase awareness of parts management activities. Dan McLeod agreed to take the action item to look in to this.
11. Sam Merritt discussed two issues sent by Steve Parker:
 - a. Tape & Reel Packaging – Steve Parker was interested in whether there were any specifications that included requirements for Tape & Reel Packaging. We found specific standards for Tape and Reel Packaging but no component specifications that included this as a requirement. The DSCC packaging associates stated that this requirement is included as special packaging instructions at the time of contract.
 - b. PEM Failure Rate Calculation – The PEMS Subcommittee will look into this.
12. There was a short discussion on the business case publication "*Reduce Program Costs Through Parts Management*." This document is currently available on the DSP website, <http://www.dsp.dla.mil>, and will be available in

the near future on the PSMC website. The Documentation Subcommittee will continue to review the business case for improvements.

13. It was suggested the PSMC take parts management workshops to military command centers and/or to specific Program Managers. The Education Subcommittee has the action to develop presentation materials for this effort.
14. There was a discussion regarding Government Furnished Baselines (GFBs) their applicability and use, real-time, latest technology parts, etc. The MPCASS Subcommittee will take up this issue.
15. Presentations: All presentations will be included on the PSMC website at www.dsccl.dla.mil/psmc for future reference.
 - a. "Partnering For Obsolescence Management Success" (Mr. Robert Gibbs, AMCOM).
 - b. "Metal Castings and DLA" (Mr. David Poweleit, American Metal Castings Consortium).
 - c. "Federal Logistics Information Services-The Heart of Logistics Information" (Mr. Thomas Rowley, Defense Logistics Information Services).

Speakers were acknowledged for their presentations.

Wednesday, April 17, 2002

16. The general session was again called to order and Dan McLeod introduced the speakers for the day's presentations. All presentations will be on the PSMC website at www.dsccl.dla.mil/psmc for future reference.
 - a. "Rochester Electronics-Overview" (Mr. Jack Stradley, Rochester Electronics).
 - b. "DSCC Generalized Emulation of Microcircuits (GEM) Program" (Mr. Bill Johnson, AT&T).
 - c. "Honeywell Engine Systems and Services, Parts Management Excellence" (Mr. John Becker, Honeywell)

Speakers were acknowledged for their presentations.

Thursday, April 18, 2002

17. The chair called for subcommittee reports:

a. MPCASS/INDUSTRY & CORPORATE BASELINES:

Name	Company	Telephone
Carl Muncy	DSCC-VSC	(614) 692-0635
Harold F. Palmquist	Northrop Grumman NSD	(818) 715-4822

Robert Olson	L3 Communications	(801) 594-7004
Thomas Kenney	DSCR-VEA	(804) 279-4887
Randy McNutt	Northrop Grumman ACS	(310) 332-3531
Chuck Martin	United Defense MPLS	(763) 572-6946
Charles Chavez	PHDNSWC, PH	(805) 228-6127

18. Discussions:

- a. Overview of MPCAG function:
- b. Overview/definition of GFBs.
- c. Redefinition of MPCAG functions and preservation of a major government and (*potentially*) defense industry asset.
- d. Dealing with problems associated with DMSMS can be reactionary or proactive.
 - (1) Reactionary process involves finding new or alternate parts or life of type buys or... etc...
 - (2) Proactive approaches begin with design and part of that involves standardization, wherein standards are established by industrial activities that are not associated with defense. Also note that fabrication technology trends are driven by industrial influences outside of the defense industry.
- e. MPCASS, could be utilized to help military program managers and industrial participants identify commonly used parts (**High volume high rate production**“**INDUSTRY STANDARD**” parts. Using the same data set with life cycle information Military program managers can monitor the technological age of production designs and set redesign thresholds, identify asset buy ahead thresholds, and stock spare parts before they become obsolete (*before prices skyrocket*).

CONCLUSIONS:

MPCASS can easily be adapted to provide the above technology visibility with contractor input.

- o GFBs using FSC 5961 and 5962 breakouts can be used to identify standard parts.
- o The GFB forward can identify preferred technology families and disclaimers regarding future availability and system applicability.

ACTION ITEMS:

- a. Marketing, develop business case for a redefined MPCAG function to include proactive DMSMS support.
- b. MPCAG Mgt. Support the policy modifications necessary to develop and implement the modified MPCAG/MPCASS functions. In order for this to be practical, these files (MPCASS/GFB) would have to be updated frequently.

B. EDUCATION/CERTIFICATION

ATTENDEES:

John Becker (Chair)
Kelvin DeWinter
Jamie Gluza
Michael Goy
Dan McLeod
Sam Merritt

DISCUSSIONS:

- a. We decided to breakdown the three presentations for Parts Management (Top Management, Middle Management and people responsible for implementing/maintaining parts management processes) and start on the highest level presentation first.
- b. We started the top level to address the following:
 - o What is Parts Management
 - o Why Do Parts Management (Risk avoidance)
 - o Benefits & Cost Avoidance (Tangible \$\$)
 - o Return on Investment
 - o Myths
 - o Existing Program - Where Can You Save \$
 - o Objectives (wrap-up)

Conclusions:

- a. Three levels of education/training materials are necessary to support the business case and SD-19 document. The highest level will be used to inform/educate top management of what parts management is and why it is necessary.
- b. The second level will be aimed at middle management – those who

already know what parts management is. The final level will be used to educate those individuals on the specifics as to how to implement parts management practices at their site.

Action Items:

- a. John Becker/Kelvin DeWinter to complete the top level presentation by June 7th
- b. If needed a follow-up net meeting to incorporate any comments.
- c. Jamie to contact DSCC and DSCP for cost avoidance figures.

C. DMSMS:

ATTENDEES:

Neal Gorden
Dave Fitzgerald
James Kim
Sarah Mason
Jack Stradley
Lourdes Castro
Les Lich
Tom Rowley
Dell Hanks

DISCUSSIONS:

In the absence of Joe Hartline, DMSMS Subcommittee chairman, Neal Gorden acted in this capacity.

This subcommittee began with a reading of the DMSMS Mission Statement followed by an open discussion focused on the direction this group should take for this meeting. The consensus was to limit this meeting's scope to realistic yet beneficial goals that could be easily implemented by this committee (Realistic goals referring to the limited funding/resources available to this committee).

Initial discussions focused on ways to educate the PSMC community in obsolescence management. The recommended approach is to utilize the PSMC website to provide DMSMS information and links to other sites/vendors that provides further DMSMS information/services. It was felt that this committee should not try to duplicate another organization's efforts since there are a multitude of companies/organizations that provide various services/tools/information relating to DMSMS issues. The group discussed

various types of information/links that should be included in the PSMC website and those results are listed below:

- a. Obsolescence management tools
 - o I2/TacTech
 - o MTI
 - o Raytheon
 - o ILS
 - o Freetradezone
 - o IHS
 - o Fedlog
 - o USAinfo
 - o ASSIST

- b. Aftermarket manufacturers
 - o Rochester
 - o Lansdale
 - o GEM
 - o QP Labs
 - o Austin Semiconductor
 - o Twilight Technologies

- c. Resource Organizations
 - o DoD DMSMS Teaming Group:
<https://ssl3.cs.kpt.nuwc.navy.mil/dmsteam>
 - o Defense Semiconductor Association (DSA)
 - o IEC
 - o DLIS
 - o GIDEP
 - o GEIA G-12 committee
 - o DMEA
 - o DSCC (David Robinson's group)

Neal Gorden will collect the actual links to these sites and any others that are determined to be of value (committee members have taken the action to email additional links to Neal as they are identified). Neal will provide this list to Joe Hartline to be reviewed at the fall 2002 meeting and if accepted then actual PSMC website implementation would be recommended.

The committee went thru previous April 2001 DMSMS Subcommittee meeting minutes and tried to discuss/address/understand each item listed. Synopses of those discussions are as follows:

- a. "Establish link between PSMC website and DMEA & DoD DMS Teaming Group.": This is an excellent idea and will be incorporated with recommended website update.

- b. "Develop Matrix of available information": As in item one, this will also be incorporated with recommended website update.
- c. "Establish pro/con criteria": Those in attendance were unsure as to what this was referring to. However, one interpretation was to provide critiques for the website link additions this committee will be recommending for the PSMC website. The committee agreed that it should remain unbiased and therefore not list pro/con criteria relating to these links.
- d. "Develop samples": Those in attendance were unsure as to what this was referring to.
- e. "Determine a synergistic center for DoD DMS": Committee consensus felt that the DoD DMS Teaming Group already fit this concept.
- f. "Initiate a business case for industry": Jack Stradley indicated that the DoD DMS Teaming Group already has a similar type of document that indicates cost avoidance information.
- g. "Determine if a Cross-index of Mil Spec part numbers to Non-Government Standards (NGS) exist": General discussions indicate that no single list has been identified that handles all commodities but DSCC, DLIS and other resources do provide this type of information regarding certain commodities.
- h. "Hardware database modeled after the DoD DMSMS Teaming Group's": This was felt to be beyond the scope/resources of this committee.

The committee spent the remainder of the time discussing various DMSMS and Parts Management issues members have had and shared ideas.

CONCLUSIONS:

It was recommended that the PSMC website be updated to include basic Information and links identifying DMSMS resources that may provide guidance/support to the PSMC community.

ACTION ITEMS:

- a. All members will provide any DMSMS related Internet links to Neal Gorden via e-mail.
- b. Neal Gorden will compile a listing of the DMSMS information and links and provide it to the DMSMS Subcommittee chairman prior to the Fall PSMC meeting.

D. MARKETING:

ATTENDEES:

Jamie Gluza (Chairman)
Mike Goy
Sam Merritt
Dan McLeod
John Becker
Kelvin DeWinter
Dell Hanks
Dave Fitzgerald

DISCUSSION:

- a. The group spent the majority of the meeting reviewing and editing the draft PSMC Marketing pitch.
- b. We discussed one of the PSMC objectives listed in the pitch - "Establish a standard parts database." – and whether that's still a PSMC goal or not – whether to leave it in the pitch.
- c. We discussed that we need to get an inventory of our marketing stuff – flyers, pens, speaker's gifts, etc to see what we need to replenish. Some suggestions for other possible "give-aways" were little pocket knives, tape measures, canvas bags, hats, tee shirts.
- d. Also discussed was the need for developing a standard "blurb" that could be used to promote the PSMC in government or industry trade publications.

CONCLUSION:

The marketing pitch should be finalized prior to our next general session meeting. It will be available on our website for members to use as needed. After much discussion on the common parts database, it was felt that it would still be a valuable asset to have available. It was left in the marketing pitch, however, we feel the PSMC should review this objective to determine whether it's doable or not.

ACTION ITEMS:

- a. Jamie to incorporate the groups input into a "final" marketing pitch for the group to approve.
- b. Jamie to contact Judy Ireland in the DSP Office to get a copy of the actual letter Greg Saunders sent out with the Business Case to the Program Offices. Will then forward it with the Business Case to any members who want it for their management.
- c. Sam will raise the issue of the common parts database in our general session meeting, asking for an update and further discussion.

- d. Jamie will email Lee Gray for an updated inventory of our marketing items.
- e. Everyone has the action to research possible publications for PSMC advertisement and forward the info to Jamie.
- f. Mike will draft a standard “blurb” for publications for the group to review.
- g. Kelvin to bring a digital camera to the next meeting for possible pictures to accompany future news articles.
- h. Sam to check on our PSMC website automatic notification feature.

E. PM DOCUMENTATION:

ATTENDEES:

John Becker (Chair)
Kelvin DeWinter
Jamie Gluza
Michael Goy
Dan McLeod
Sam Merritt
David Fitzgerald

DISCUSSION:

The group reviewed the published Business Case – it would be helpful if more substantive information was added:

- a. In the executive summary, highlight the costs and identify solutions (SD-19)
- b. Tie back to SD19 (specific PM elements) create a table i.e. the business case identifies problems – create a “solutions” cross reference
- c. SD-19 needs to be reevaluated to ensure it is tied back to the Business Case
- d. Fix the formulas across the top of the pages
- e. Pie chart on page 11 should be fixed (font size and pie proportions)
- f. Graphics should be updated to include the part commodities we deal with

The group also discussed that, for the next meeting, a review should be done with the possibility of merging the SD-19 document and the MIL -HDBK-512.

CONCLUSIONS:

The group was excited about the release of the Business Case, it was very well done, and is already causing good questions from those it was sent to. As in all documents, it is considered a “living” document, and the team identified several areas where it needs to be embellished that may assist in

answering the questions that are coming up, as well as adding information that was not quite complete as of publication time.

ACTION ITEMS:

- a. Dan to check with Greg about the updating the Business Case with more information.
- b. John to schedule a short teleconference to finalize comments and additions.
- c. John to review the SD-19 and MIL-HDBK-512 before the next meeting for the opportunity to merge the documents. This will be on the agenda for the fall meeting.

F. PEMS/COTS:

ATTENDEES:

Neal Gorden
Les Lich
Charles Chavez
Robert Olson
Dan Querry
Lourdes Castro
Tom Rowley
Sarah Mason
James Kim
Randy McNutt

DISCUSSIONS:

In the absence of Steve Parker, PEM/COTS Subcommittee chairman, Neal Gorden acted in this capacity.

The meeting began with open discussions relating to PEM/COTS issues, including how mechanical parts are involved. Since there were group participants who were new to the PEMS/COTS arena, initial discussions focused on educating them regarding PEMS/COTS issues relating to military applications.

Specific questions were raised relating to long-term storage issues of PEMS in missile applications; moisture sensitivity level of PEMS; using PEMS beyond manufacturer's recommended operating conditions. However, information sharing was the only result of these discussions.

A question was raised as to what requirements are needed for PEMS/COTS to become a standard part for a company. Discussions followed that resulted

in a recommendation for the fall PSMC meeting to have a planned agenda item for the PEM/COTS Subcommittee to discuss and collect suggested minimum requirements that PEM/COTS should meet to be classified as a preferred part for military applications. There are various industry documents that provides guidelines for qualification/selection and use of PEMs along with companies' internal processes. At the next meeting members should be prepared to discuss/share various requirements that they use or are aware of that PEMs/COTS are graded against to become a preferred part.

The committee spent the remainder of the meeting discussing the topic Steve Parker sent in regarding failure rate calculation models for PEMs. Unfortunately, those in attendance did not have much experience in this area so no recommendation could be made.

CONCLUSIONS:

It was recommended that the next PEM/COTS Subcommittee breakout meeting (at the Fall PSMC meeting) plan to have discussions relating to the collection of minimum requirements PEMs/COTS must meet to become classified as a preferred part. Discussions should also include the best\ approach to convey this information to the PSMC community.

ACTION ITEMS:

Committee members are to collect requirements that PEMs/COTS must meet to be classified as a preferred part. This can be companies' internal process for corporate baselines, industry guidelines for qualification/selection or use, etc.

19. A discussion was held on the Common Corporate Baseline. Carl Muncy will furnish a snapshot of the data to be circulated with the minutes. It was also decided that a Common Corporate baseline update would be given at the PSMC Executive Meeting to be held at DSCC July 18-19, 2002.
20. There was discussion on the Government Furnished Baseline. The MPCASS and Marketing Committee are to work on a listing for semi-conductors and microcircuits to further define the GFB concept. There was preference for a list to be based on life-cycle. Also it should be clear cut of what are all part types used on what systems. MPCASS subcommittee has an action to send the concept out to the full committee for input.
21. Proposed speakers for Fall General session are Jack McDermott, DoD Teaming Group; Greg Saunders, DSPO; and Joe Chapman, Rochester Electronics.
22. Committee members were reminded about completing the PSMC surveys. A special thanks was given to Jamie Gluza for her work in coordinating the meeting with the hotel, to Neil Gordon for filling in as acting committee

chairman for DMSMS and PEMs/COTS. Also a thank you to Joe Hartline for providing the LCD.