



ORACLE



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District 2, Chapter 1
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Chair Talk

Greetings Fellow GWAC Members and Logisticians! This issue of the GWAC ORACLE Newsletter includes information about upcoming events; Chapter Officer reports; Management Committee meeting minutes; an article on *Mitigating Diminishing Manufacturing Sources and Material Shortages (DMSMS)*; an Announcement Flyer for our 12 February GWAC Seminar on *Creating Readiness through Managing the Sustainment Value Stream*; a SOLE 2008 Call for Papers Flyer; an Announcement Flyer on the District 2 Professional Development Forum to be held on 26-28 March, ***Best Wishes for the Holidays and have a Happy New Year!***



31 October GWAC Awards Luncheon

The PDF Forum will be held at the ONMI Hotel in Newport News, Virginia on 26-27 March, 2008. The focus will be on the training and professional development of logisticians in District 2. The topic is *Configuration Management—A Key to Lifecycle Sustainment*. There will be a two-day, two-track format with two speakers. There will be no exhibitors at this Forum and the attendance is anticipated to be anywhere from 70 to 100 attendees. The cost to attend will be \$250 for members and \$325 for non-members. See the Announcement Flyer on page 8.

GWAC 2008 Seminar

The one-day GWAC 2008 Seminar is scheduled for 12 February at the LMI office complex in McLean, VA. The topic is *Creating Readiness through Managing the Sustainment Value*

Stream. GWAC is finalizing a Seminar Business Plan including associated rates for members and non-members for approval by SOLE - The International Society of Logistics. See the Announcement Flyer on page 7.

30 January GWAC Luncheon

The 30 January, 2008 GWAC Luncheon will be held at the Booz Allen conference room in Rosslyn, VA. The topic is *PBL: Business Case Analysis (BCA)*. The speaker is Mr. Ted Seymour from Booz Allen.

GWAC 2008 CPL Study Group

Are you interested in pursuing CPL certification? Are you willing to participate in a self-directed GWAC Study Group that would meet via telecon once a week at a mutually agreed upon time for two hours for up to 30 weeks beginning in January? If your answer is yes, contact GWAC Chair Dave Floyd, CPL at floyd_david@bah.com. For more info see page 3.

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The ORACLE

The ORACLE is published 12 times a year. The deadline for articles and announcements is the second Monday of the month to be published. Authors, please reference “Editorial Objectives and Guidelines” under the “ORACLE Newsletter” Link at www.gwacsole.org for more details. GWAC assumes no responsibility for statements made by advertisers or for statements of fact or opinion expressed or implied in this publication.

Upcoming Events

February 11-12, 2008, Effective Configuration Management to be held in Washington, D.C. Contact www.technologytraining.com.

February 12, 2008, GWAC 2008 Seminar to be held at LMI, McLean, VA. The topic is *Creating Readiness through Management of the Sustainment Value Stream*. Contact Dave Floyd, CPL at floyd_david@bah.com.

February 14-15, 2008, Reliability, Availability and Maintainability (RAM) to be held in Washington, D.C. Contact www.technologytraining.com.

February 27-29, 2008, Integrated Logistics Support to be held in Washington, D.C. Contact www.technologytraining.com.

March 26-27, 2008, District 2 Professional Development Forum (PDF). Configuration Management - A Key to Lifecycle Sustainment to be held at the OMNI hotel in Newport News, VA. Contact Dave Floyd, CPL at floyd_david@bah.com or at 703-965-5506.

August 19-21, 2008 SOLE—The International Society of Logistics 2008 Symposium to be held at the Caribe Royale Orlando, FL. The Theme is *Logistics Transformation and the Global Economy*. Contact Jay Erb at john.erb@gdit.com or at 301-459-8446 for more information. See the Flyer on page 9.

VC Finance Report

by Thomas Lorenzo at

thomas.lorenzo@pentagon.af.mil

As of 31 October, 2007

Beginning Balance: \$5733.13

Income: Luncheon

Total Income: \$0.00

Expenses: (\$0.00)

Total Expenses: (\$0.00)

Ending Balance: \$5733.13

VC Prof. Dev. Report

by Ron Hooks, PMP, at

hooks_dennis@bah.com

The 30 January, 2008 GWAC Luncheon will be held at the Booz Allen conference room in Rosslyn, VA. The topic is *PBL Business Case Analysis (BCA)*. The speaker has not yet been confirmed.

CPL Chair Report

By Gary Glick, CPL at

glickg@starpower.net

CPL Exam Update

The next CPL Exam will be held Saturday, 3 May at the Florida Institute of Technology in Alexandria, VA. Contact Gary Glick, CPL, the GWAC CPL Committee Chair, at 703-961-5416 for more information.

GWAC 2008 CPL Study Group (...Cont'd)

The CPL Study Group will require participants to hold a telecon weekly at a mutually agreed upon day and time. Chair Dave Floyd, CPL will make arrangements for the telecon. As an example, the telecon might occur at 5:30pm until 7:30pm so participants could avoid the worst of the rush hour going home. To reiterate, it will be up to the participants to decide upon the day and time. The role of GWAC Chair, Dave Floyd, CPL, will be to facilitate the standing up of the CPL Study Group and to monitor attendance and progress. All participants will be required to purchase four or five textbooks, some of them are available from SOLE at a discount. Participants will be given reading assignments for each week and on a rotational basis, one participant will be assigned

as the facilitator for the week. The facilitator will lead the review of the reading material. The cost to participate in the GWAC CPL Study Group will be a non-refundable \$100, not including the cost of the 4-5 textbooks.

SOLE Searchers

Check out the updated "Jobs" page hyperlink at the GWAC Web site at www.gwacsole.org. or contact Thomas Lorenzo at thomas.lorenzo.ctr@pentagon.af.mil

DCCEAS Chair Report

Mr. Dev Raheja, our GWAC SOLE representative to the DC Chapter of Engineering and Architectural Societies (DCCEAS), gave a presentation on the trouble with Engineering programs at Universities at 7:00pm on 1 November at Building 42, Room 212 of The University of District of Columbia. Chair Dave Floyd, CPL attended.

Website Chair Report

Contact our new webmaster at webmaster@gwacsole.org with your comments and/or input. Files added during the last month to the functional areas include the following:

General.

- October Management Team Meeting Agenda and Minutes

- Updated Calendar of Events

Administration.

- Membership Spreadsheet, Password protected (contact_webmaster@gwacsole.com)

- October ORACLE Newsletter

Finance.

- October Financial Report

Chapter Events List

2007-2008

Date

January 14

January 30

February 11

February 12

February TBD

Event

GWAC Mngt. Com. Mtg.

GWAC Luncheon

GWAC Mngt. Com. Mtg.

GWAC Seminar

GWAC/DCCEAS Lunch

GWAC Management Management Committee Meeting Minutes

CALL TO ORDER:

Chair Dave Floyd, CPL, called the meeting to order at 5:45p.m. on 8 October, 2007 at Hamburger Hamlet Restaurant in Arlington, VA.

CHAPTER OFFICERS PRESENT:

Dave Floyd, CPL	Chapter Chair
Tom Griffiths	VC Membership
Rich Miller, CPL	Advisor

OLD BUSINESS:

Past Minutes. The GWAC Management Committee reviewed and recommended approval of the October 2007 Management Committee Meeting minutes and October Financial Report.

VC/COMMITTEE REPORTS:

VC FINANCE:

The GWAC financial balance was no change from \$5733.13 for the previous month.

VC MEMBER SERVICES:

Mr. Tom Griffiths is planning for a 2008 GWAC Logistics Seminar to be held in the October time frame next year.

VC PROGRAMS:

Luncheon Speakers. We did not hold a luncheon in August. Dr. Lloyd Muller, CPL and President of SOLE spoke at our 26 September Luncheon about *GWAC and SOLE*. The keynote speaker for our 31 October Awards luncheon was Mr. Rick Skinner, Inspector General for the Department of Homeland Security. Our November 14 luncheon speaker was Ms. Joyce McCallister, CPL, PMP. She gave a presentation on the Planning, Programming, Budgeting and Execution System (PPBES). There will be not luncheon in December. Mr. Ted Seymour from Booz Allen will be our 30 January, 2008 speaker. He will be speaking on PBL Business Case Analysis (BCA).

VC ADMINISTRATION:

Our VC Administration, Ms. Mary Johnston, worked with her employer, ICF, to apply for Corporate Membership with SOLE - The International Society of Logistics. She is continuing to collect "On a personal note" inputs from Chapter members to share in our ORACLE Newsletter. Contact her at bun-nystreet@yahoo.com for input. Ms. Johnston hosted a Holiday Open House on 2 December from 2:00pm to 8:00pm at her residence.

CPL COMMITTEE CHAIR:

The next CPL Exam will be held on the first Saturday in May at the Florida Institute of Technology center in Alexandria, VA. Contact Gary Glick, CPL, the GWAC CPL Chair, at 703-961-5416 for more information.

NEW BUSINESS:

District 2 2008 Professional Development Forum (PDF). The District 2 PDF planning meeting that was held on 10 December via telecon. One of the two speakers we had identified will not be available at the end of March. The rate for non-members was increased from \$300 to \$325. The PDF Forum will be held at the ONMI Hotel in Newport News, Virginia on 26-27 March, 2008. The focus will be on the training and professional development of logisticians in District 2. The topic is *Configuration Management—A Key to Lifecycle Sustainment*. There will be a two-day, two-track format with either two or four speakers. There will be no exhibitors at this Forum and the attendance is anticipated to be anywhere from 70 to 100 attendees. The cost to attend will be \$250 for members and \$325 for non-members. The next District 2 PDF meeting will be held in January 2008.

ADJOURNMENT:

There being no further discussions, Chair Dave Floyd, CPL, adjourned the meeting at 6:15pm. The next GWAC Management Team meeting will take place at Hamburger Hamlet restaurant in Crystal City on Monday, 14 January, 2008. GWAC members are most welcome to attend.

**Contact the GWAC Web Site
at www.gwacsole.org**

ARTICLE

Mitigating Diminishing Manufacturing Sources and Material Shortages (DMSMS)

**From the May-June 2005 AT&L Journal
Reprinted with permission**

According to DoD 4140.1-R, diminishing manufacturing sources and material shortages (DMSMS) are "the loss or impending loss of manufacturers of items or suppliers of items or raw materials which may cause material shortages that endanger a weapon system's or equipment's development, production, or post-production support capability." DoD Directive 5000.1 makes the program manager accountable for total life cycle systems management: "The PM shall be the single point of accountability for accomplishing program objectives for total life cycle systems management, including sustainment." While DMSMS are a fact of life, the key to effective mitigation is long-term, proactive planning by the program manager.

The Challenge for the PM

According to the Office of the Secretary of Defense publication Performance Based Logistics: A Program Manager's Product Support Guide, "material obsolescence may occur at the part, module, component, equipment, or other system indenture level. DMSMS obsolescence can occur in any program phase and can severely impact the program schedule, system availability, capability or cost. The PM must insure that performance based logistics product support efforts include an active DMSMS process to anticipate occurrences and take appropriate actions."

Under total life cycle systems management, the program manager must balance traditional acquisition responsibilities for cost, schedule, and performance with life cycle support and sustainment (including DMSMS planning and management). PMs make scarce resource allocation decisions knowing the choice may come down to fielding a less supportable (less reliable) system or pursuing a more sustainable (more reliable) program. The dynamic tension is often acute, and unfortunately, DMSMS planning and funding are not always given the highest priority.

Simply supporting the system is a substantial undertaking, let alone planning for manufacturers of components and parts who may (will) eventually exit the market. So what's a proactive PM to do? Fortunately, there are ample resources and organizations available to assist.

A Range Of Proactive Solutions

If DMSMS and obsolescence are the problem, technology insertion, continuous modernization, open systems architecture, redesign, modifications, performance-based logistics (PBL), public-private partnerships, commodity councils, evolutionary acquisition, spiral development, and emulation are all tools to help the PM, the life cycle logistician, and/or the DMSMS manager ensure the continued supportability and sustainability of the system.

Possible methods are early identification through shared databases, inter-Service and inter-agency cooperation, and contractor participation; use of predictive tools; life of type buys; aggressive material improvement program and deficiency reporting programs; use of engineering change proposals (ECPs) and value engineering change proposals (VECPs) to upgrade and modernize components while maintaining interchangeability and F3 (form, fit, function); specialty manufacturers; reverse engineering; data rights; and *(continued on next page. . .)*

drawing availability.

Committed leadership, proactive planning, stable funding, effective test and evaluation, best value sustainment, and timely execution are all important mechanisms to ensure supportable, operationally available, and mission-capable weapon systems.

Leadership

Along with up-front funding and commitment at the PM level, senior-level commitment, policy, tools, education, planning, and cross-functional collaboration are vital. The Navy, for example, plans to require a formal DMSMS plan for all cognizant ACAT programs other than those slated for retirement prior to January 2007, as well as evaluation of DMSMS as part of their independent logistics assessment process.

Open Systems Design

According to OSD's Performance Based Logistics: A Program Manager's Product Support Guide, "open systems design can help mitigate risks associated with technology obsolescence, avoiding being locked into proprietary technology or relying on a single source of supply over the life of a system.... Spiral development also helps to alleviate obsolescence concerns. However, the PM must insure that performance based logistics product support efforts include an active DMSMS process to anticipate occurrences and take appropriate actions. This can often be carried out by the Product Support Integrator."

Early and Detailed Planning

Proactive DMSMS and obsolescence mitigation management demands detailed early planning, budgeting, and funding. It cannot begin after the system is in the field.

Teamwork and Cooperation

Cooperation between the government program office and original equipment manufacturer (OEM) is essential well before the Milestone C decision and entry into low-rate initial production, including development and integration of an up-front DMSMS-mitigation strategy in the system's PBL strategy. The PBL product support integrator should focus on and plan for reliability improvements, continuous modernization, and DMSMS planning for the duration of the product life cycle.

Bills of Material and Parts Lists

These documents are critical components of effective DMSMS management and should be part of doing business under PBL, whether delivered by the OEM to the government or made available in a shared data environment.

Continuous Modernization

By this process, state-of-the-art technologies are inserted continuously into weapon systems to increase reliability, lower sustainment costs, and increase the warfighting capability to meet evolving customer requirements throughout an indefinite service life.

According to the Defense Acquisition University PBL course, there are three additional obsolescence mitigation strategies to employ as part of an overarching continuous modernization approach:

(to be continued in the December issue of the GWAC ORACLE Newsletter . . .)



The Greater Washington Area Chapter of SOLE – The International Society of Logistics

presents

A One-Day Seminar On

Creating Readiness through Management of the Sustainment Value Stream

The purpose of this seminar is to provide professional development training to logisticians on an approach, process and methodology for developing and managing sustainment value streams for complex weapons systems in the operational phase of their lifecycle. The objective is to educate attendees about making more holistic logistics sustainment decisions; and how to avoid some of the pitfalls frequently encountered when making more traditional, stove-piped decisions in addressing reliability, maintenance, and supply support challenges during sustainment. Attendees will be provided an overview of the sustainment value stream; and be introduced to an approach for better managing it by integrating essential logistical decisions, through hands-on use of a weapon system sustainment value stream simulation model.

Seminar presenters include:

OSD Logistics & Materiel Readiness; LMI;
Simulation Dynamics, Inc.; and Georgia Tech
School of Aerospace Engineering

Date: Tuesday, February 12, 2008

Location: LMI, 2000 Corporate
Ridge

For more information, please contact
GWAC Chapter Chair
David S. Floyd, CPL at 703-965-5506.

MARK YOUR CALENDERS!



**SOLE – The International Society of Logistics
District 02 Chapters
are pleased to announce**

***Configuration Management:
A Key to Logistics Sustainment***

**2008 SOLE District 02
Professional Development Forum**

**Omni Newport News Hotel
Newport News, Virginia**

26 - 27 March 2008

Wednesday: 0730 – 1730 (social from 1800-1930)

Thursday: 0730 – 1730

The Chapters of District 02, SOLE - The International Society of Logistics (SOLE) are pleased to announce the 2008 District 02 Professional Development Forum (PDF). To be conducted at the Omni Newport News Hotel in Newport News, Virginia on 26 and 27 March 2008, this two day training event will offer a series of four, 4-hour workshops on the critical elements of Configuration Management (CM). The schedule is designed so all registrants can attend - and receive training certificates for - all four workshops.

Wednesday's offering – workshops on Configuration Identification and Configuration Status and Accounting – will provide both theory and practical application of the principles of CM in the design and support of a system throughout its total life cycle. Thursday's workshops on Change Control and Configuration Audits will continue the technical overview of how CM is critical to ensure all elements of logistics all work together to support the actual configured equipment or systems.

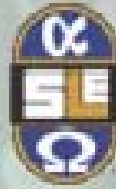
SAVE THE DATES – SPACES WILL BE LIMITED!

SOLE Members	\$ 250
Non-SOLE Members	\$ 325

For additional information, please contact
David S. Floyd, CPL, General Chair, at (571) 227-7337
or **Jon J. Buder, DML, Director, SOLE District 02, at (703) 221-7339**

Keep watching www.sole.org for PDF registration and forum information.

CALL FOR PAPERS



SOLE – The International Society of Logistics

presents

SOLE 2008

Logistics Transformation and the Global Economy

43rd Annual International Logistics Conference and Exhibition

Caribe Royale Orlando

Orlando, Florida

17 – 21 August 2008

Workshops: 17 - 18 August 2008

Conference: 19 - 21 August 2008

SOLE - The International Society of Logistics (SOLE) presents the 43rd Annual International Logistics Conference and Exhibition at the Caribe Royale Orlando, Orlando, Florida from 17-21 August 2008.

Representatives from Government, Industry, Business and Academia will be in attendance.

With a conference theme of “**Logistics Transformation and the Global Economy,**” the symposium will, from both strategic and operational perspectives, horizontally examine the issues and relationships surrounding logistics transformation. Participants will focus on its role both as a driver of economic security within the global economy, and as a key enabler to the achievement of collaborative information exchange, human capital development, information transparency, asset visibility, industrial cohesiveness and productivity, penetrating global market share, technology capitalization, operating footprint maximization, inter/intra-enterprise integration, and globalization.

SOLE 2008 will offer paper presentation sessions that address all aspects of logistics and logistics transformation as an investment vehicle, from both a national and global perspective. If you are interested in submitting a paper for consideration, please submit an abstract by **15 April 2008**. If accepted for **SOLE 2008**, the paper must be submitted no later than **31 July 2008** – with the slide presentation to be submitted by **15 August 2008**. For additional information and submissions, please contact either *John (Jay) Erb, SOLE 2008 Deputy Chair*, at (703) 246-0756 or *SOLE Headquarters* at (301) 459-8446.

Only electronic submissions will be accepted at John.erb@gdft.com.