



# ORACLE



January 2006  
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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 (formerly (BoD) minutes; an article on



“Logistics Support Analysis Record (LSAR) - Missing Link to Performance Based Logistics (PBL)”; the SOLE Designated Logistician Program; a Flyer on the MAL 2006 Call for Papers; and job openings at the FAA and Booz Allen Hamilton for logisticians in the Greater Washington Area.

### GWAC Organizational Changes and Opportunities

As you may have heard, Mike Connor has resigned from his position as Operations Chair in order to devote his energies to restarting the Pentagon Chapter. Please join me in thanking him for all he has done for GWAC and in wishing him the best as he will be taking over the Pentagon Chapter Chair responsibilities in addition to his duties as District Director. Mike's leaving creates an opportunity to fill an important position as Vice Chair for Membership Services (formerly Operations Chair). If you would like to apply for this position or know of someone who might be interested in applying for this position, please let me know. Mike was a great help to me and I need all the help I can get.

### 22 February GWAC Luncheon

Our combined GWAC/DCCEAS 22 February luncheon will honor Engineers Week and will

be held at the Pier Seven Restaurant in SW Washington, DC. The guest speaker is Dr. Jane Alexander, Deputy Director, ARPA, Department of Homeland Security. See the attached Luncheon Flyer on page 16, or you can visit our GWAC Web site at [www.gwacsole.org](http://www.gwacsole.org).

### Mid-Atlantic Logistics (MAL) 2006 Conference:

MAL 2006 will be held March 28-30, 2006 in Colonial Williamsburg. The theme is “Focused Logistics: A Knowledge Enabled Logistics Strategy”. There is a Call for Papers and Workshops Flyer on page 15 of this Newsletter. Please note that there will be a workshop track specifically set aside to do workshops of four to eight hours in duration. This is in addition to the all day workshop on the 28th. I encourage you to submit an abstract for a paper and/or workshop at MAL 2006.

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## Chapter Officers

<b>Chair</b>	
Dave Floyd, CPL	571-218-3342
<b>Immediate Past Chair</b>	
Lyle Paulson, CPL	202-646-5381
<b>Vice-Chair, Admin</b>	
Mary Johnston	202-646-5518
<b>Vice-Chair, Finance</b>	
B.J. Silvey	703-860-5141
<b>Vice-Chair, Member Services</b>	
<b>Vacant</b>	
<b>Vice-Chair, Professional Development</b>	
LCDR Ron Hooks	703-217-8431
<b>Vice-Chair, Education</b>	
Gary Glick, CPL	703-414-6773
<b>Advisory Members</b>	
Joyce McCallister, PMP, CPL	703-217-8431
Richmond Miller, CPL	202-646-5425
Ken Gary	703-692-5920
Lincoln Hallen	301-460-5060
Ed Spriggs, CPL	703-560-8828
Jack Fogal	703-860-4080
<b>Committee Chairs</b>	
<b>Bylaws</b>	<b>Open</b>
<b>CPL Coordinator</b>	
Gary Glick, CPL	703-414-6773
<b>Education</b>	
Dr. Lloyd Muller, CPL	703-751-1060
<b>Elections</b>	<b>Open</b>
<b>Historian</b>	<b>Open</b>
<b>Job Referral</b>	
Linc Hallen	301-460-5060
<b>Logistics Education Foundation</b>	
Dave Floyd, CPL	571- 218-3248
<b>Membership</b>	<b>Open</b>
<b>Nominations</b>	<b>Open</b>
<b>Oracle Newsletter Editor</b>	
Dave Floyd, CPL (Acting)	571- 218-3248
<b>Public Relations</b>	<b>Open</b>
<b>Retail Sales</b>	<b>Open</b>
<b>Speaker Editor</b>	<b>Open</b>
<b>Training</b>	
Gary Glick	703-416-4600
<b>Other</b>	
<b>District Director</b>	
Mike Connor	703-604-7370
<b>SOLE Headquarters</b>	301-459-8446

## 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](http://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 6-7, 2006, Basic Configuration Management to be held in Washington, D.C. Contact [www.TechnologyTraining.com](http://www.TechnologyTraining.com)

February 8-10, 2006, Advanced Configuration Management to be held in Washington, D.C. Contact [www.TechnologyTraining.com](http://www.TechnologyTraining.com)

February 8-10, 2006, Integrated Logistics Support to be held in Washington, D.C. Contact [www.TechnologyTraining.com](http://www.TechnologyTraining.com)

February 9-10, 2006, Capabilities Based Requirements & Architectural Frameworks to be held in Washington, D.C. Contact [www.TechnologyTraining.com](http://www.TechnologyTraining.com)

March 9-10, 2006, Quality for Program Managers to be held in Washington, D.C. Contact [www.TechnologyTraining.com](http://www.TechnologyTraining.com)

March 28-30, 2006, 8th Annual Mid-Atlantic Logistics Conference to be held in Colonial Williamsburg, VA. The theme is "Focused Logistics: A Knowledge Enabled Logistics Strategy" Contact [www.mid-atlantic-log.net](http://www.mid-atlantic-log.net) or see attached Flyer

## Financial Report

by BJ Silvey at  
[silveybjmarbj@comcast.net](mailto:silveybjmarbj@comcast.net)

As of 31 December, 2005 (based on November's report)

Beginning Balance: \$7739.82

Income: Luncheon

Total Income: \$180.00

Expenses: (\$459.17)

Total Expenses: (\$459.17)

Ending Balance: \$7460.65

## VC Programs

by LCDR Ron Hooks, USCG, at  
[dhooks@comdt.uscg.mil](mailto:dhooks@comdt.uscg.mil)

We are in the process of identifying a speaker for our March luncheon. The speaker for our February Luncheon is identified in the Flyer on page 16, or you can visit our GWAC Web site at [www.gwacsole.org](http://www.gwacsole.org).

## VC Technical

By Gary Glick, CPL at  
[glickg@starpower.net](mailto:glickg@starpower.net)

### May CPL Exam

The May 2006 CPL exam will be held at the Florida Institute of Technology (FIT) training center located on Eisenhower avenue in Alexandria, VA. Applications are due in February.

## SOLE Searchers

Check out the updated "Jobs" page hyperlink at the GWAC Web site at [www.gwacsole.org](http://www.gwacsole.org). or contact Linc Hallen at 301-460-5060.

## DCEAS

The Engineers Week luncheon is scheduled for February 22, 2006 at the Pier Seven Restaurant in SW Washington, DC. The tentative speaker is Dr. Jane Alexander, Deputy Director, ARPA, Department of Homeland Security.

The Engineers Week Banquet is scheduled for the evening of February 25<sup>th</sup>, 2006 at the Four Points Sheraton in Washington, DC. Marshall E. Purnell, FAIA, NOMAC of Devroux & Purnell Architects/Planners (<http://www.dp-architects.com/index.htm>) has tentatively agreed to be the speaker. He is a partner in the local firm/team that will help HOK design the new Washington Nationals baseball stadium.

## Chapter Website

Contact the webmaster at [webmaster@gwacsole.org](mailto:webmaster@gwacsole.org) with your comments and/or input. Files added during the last month to the functional areas include the following:

### General.

- Dec BoD Meeting Agenda and Minutes
- Updated Calendar of Events

### Administration.

- Membership Spreadsheet, Password protected (contact [webmaster@gwacsole.com](mailto:webmaster@gwacsole.com))
- Dec ORACLE Newsletter

### Finance.

- Dec Financial Report

## Chapter Events List

### 2006-2007

<u>Date</u>	<u>Event</u>
January 25	<u>No Luncheon</u>
<u>February 8</u>	GWAC BoD Meeting
February 22	Joint Luncheon with DCCEAS
February 25	Engineer's Week Banquet

## GWAC Management Committee Meeting Minutes

### CALL TO ORDER:

GWAC Chair Dave Floyd, CPL called the meeting to order at 5:45p.m. on 11 January, 2006 at Hamburger Hamlet restaurant in Crystal City.

### CHAPTER OFFICERS PRESENT:

Dave Floyd, CPL	Chair
Lyle Paulson, CPL	IPC
LCDR Ron Hooks	VC Programs

### OLD BUSINESS:

**Past Minutes.** The GWAC Management Committee reviewed and recommended approval of the December 2005 Management Team Meeting minutes.

### VC/COMMITTEE REPORTS:

#### VC FINANCE:

Mr. BJ Silvey was on vacation and was unavailable to attend. At the December Luncheon we discussed the need for an Infocus machine. A suitable machine was found for around \$800.00. Providing funding for an entire GWAC table at the DCCEAS National Engineer's Week luncheon this year has been agreed to.

#### VC Member Services:

Mr. Mike Connor submitted his resignation to the board. He is going to foster bringing the Pentagon Chapter of SOLE back on line. He will continue to support GWAC with his work on the GWAC web site.

#### VC PROGRAMS:

**Luncheon Speakers.** Mr. Dave Floyd said that

he had contacted Mr. John Becker at DLA to speak in March on DMSMS. Mr. Linc Hallen said that Greg Proulx, EDO, could be contacted about being the guest speaker to talk about PBL.

### VC ADMINISTRATION:

Discussion on how to increase participation at luncheons. Voted on and passed to provide free lunch to the first ten people who sign up for DCCEAS luncheon. Also any first time attendees at SOLE luncheons are free starting in January. Ms. Mary Johnston has been tasked to resend out membership list to board members and tell board members to tell members they call that lunch is free if they have not attended a recent luncheon.

### VC EDUCATION:

Discussion on marketing via the Log Train was held. Highlighting companies in the newsletter was discussed. Discussion followed on having an education fair for college students. A possible contact for this would be Dr. Lloyd Mueller, CPL for his FIT University students.

### NEW BUSINESS:

Mr. Linc Hallen volunteered to put together the Chapter Awards self-nomination package for this year. There is no Luncheon scheduled for January due to the fact that key GWAC members have other commitments.

### ADJOURNMENT:

There being to further discussions, Chapter Chair Dave Floyd, CPL adjourned the meeting at 6.50 pm.

## **LSAR-Missing Link to Performance Based Logistics**

Historically the logistics data has been created and managed in a range of specialized niche solutions. Interaction between these solutions is invariably done manually by highly trained logistics personnel. While cumbersome, this system has been shown to work for many years. It does however have one major flaw – management of change. Due to the time it takes to collate and manipulate this data, the current approach is more of a snapshot in time to satisfy a data deliverable. As support models shift more towards industry, this limitation comes to the fore. For organizations to cross the chasm between delivering data and using it, a different more integrated approach is required. This white paper explores the data complexity for logistics and the standards that underlie the whole process. It shows the significance of the LSAR and how with the use of modern software platforms it can be used to draw all this data together into a single managed environment. When this platform is used across the enterprise by all the business functions, including engineering, purchasing and manufacturing, the opportunity exists to have a single change process that can effectively drive information both upstream and downstream to provide effective lifecycle management.

[http://www.ugs.com/products/teamcenter/sol\\_prod/mro/](http://www.ugs.com/products/teamcenter/sol_prod/mro/)

### **Reprinted with Permission**

Editor's note: this is an excellent White Paper on LSAR as it relates to PBL. It is well worth the extra effort to cut and past the URL into your browser, then to register and login. (See "Download Related Information" menu on right side of page after you have registered and logged in).

## **ILS Engineer Needed for FAA**

Individual will provide engineering and product support for Non-Developmental Item (NDI), Commercially Available Software (CAS) and Commercial Off-the-Shelf (COTS) hardware in support of the FAA En Route Program Operations Office. The focus of this effort is to analyze and define existing life-cycle product support strategies and implementation plans to ensure viable support of all commercial components and products for the projected life of a system. Individual will monitor and track the market status of commercial products to identify End of Life and End of Service conditions and assess supportability alternatives. The candidate will analyze logistics reports and predicted hardware and software reliability, maintainability, and availability (RMA) and apply models and automation tools to verify actual RMA. Candidate will organize and document findings of studies, prepare recommendations for implementation of new hardware or procedures that offer maximum effectiveness in relation to cost. Position located in Washington, DC. Paid Metro/VRE may be provided.

Candidate must have a proven track record for NDI/CAS/COTS/RMA life cycle analysis/implementation. Technical experience of problem solving in these areas is highly desirable. Knowledge of the FAA acquisition process and experience with FAA terms, organizations, and procedures is very beneficial. Advanced experience in the use of Microsoft Word, PowerPoint, and Excel; must be a team player and have excellent verbal and written communication skills.

Educational requirements: Bachelors degree required, with a minimum of 10 years work experience. Masters degree a plus.

**For more information, contact Ed Kennedy at 202-314-1108 or at [ed.kennedy@auatac.com](mailto:ed.kennedy@auatac.com)**

## **Job Openings for Logisticians at Booz Allen Hamilton in the Washington Area**

Send resume to Dave Floyd, CPL, at [floyd\\_david@bah.com](mailto:floyd_david@bah.com) or call 571-218-3248

### **Senior Logistician**

The candidate will be responsible for Performance Based Logistics (PBL) business development and providing subsequent assistance to clients in developing and implementing PBL strategies. Typical tasks include: Supportability Business Case Analysis including PBL as an option. Facilitate DoD - Commercial logistics support agreements. In general, the candidate will provide strategic and implementation support for Integrated Logistics Support (ILS).

Working knowledge of the FAR and the Integrated Defense Acquisition, Technology & Logistics Life Cycle Management Framework required. Process engineering background a plus. Should have a strong background in maintenance and / or inventory planning for complex systems. Commercial, especially defense contractor, experience developing and supporting Performance based agreements is preferred. Financial Business Case Analysis (BCA) review and/or development is a plus.

### **Senior Logistics Engineer**

Serve as the technical (functional) expert in all elements of Integrated Logistics Support (ILS). Ensure that ILS elements are consistent and integrated into the Maintenance Concept. Work in a concurrent systems engineering process to ensure that supportability issues are considered in the design process. Establish Configuration Management (CM) policies and procedures to control the Functional and Physical configuration. Conduct Reliability, Maintainability and Availability (RMA) Analysis, conduct Failure Modes, Effects, and Criticality Analysis (FMECA), conduct Level of Repair Analysis (LORA), conduct Reliability Centered Maintenance (RCM) studies, and recommend Condition Based Maintenance policies and procedures, as appropriate. Develop appropriate data requirements for RMA analysis. Experience in developing system models using software tools for RMA analysis. Ability to conduct an analysis of alternatives using quantifiable methods in support of Business Case Analysis (BCA) and/or Performance Based Logistics (PBL), including appro-

priate metrics. Utilize Life-Cycle Cost (LCC), Total Ownership Cost (TOC), and Cost As an Independent Variable (CAIV) analyses to identify the appropriate logistics support concept. Familiarity with the DoD acquisition framework and milestone process and DoD acquisition guidance; particularly, MIL-PRF-49506, MIL-HDBK-502, and DoDINST 5000.2. Lead logistics engineering activities throughout all phases of systems acquisition. Monitor logistics engineering technologies and current industry trends necessary to sustain logistics and supportability capabilities. Provide direction and recommendations to staff related activities to improve awareness and understanding of logistics engineering best practices.

### **Configuration Manager**

As a Configuration Management process improvement specialist, the successful candidate will be responsible for working with senior members of the Department of Homeland Security's Directorate of Preparedness in developing and implementing a Configuration Management strategy within an overall directorate-wide process maturation initiative. Additionally, as a member of the Office of Chief Information Officer (OCIO), this individual will be responsible for working with the Operations group to support their implementation of ITIL-compliant practices and supporting the transition of IT processes into CMMI Level 3 and beyond. S/he will serve as the focal point for the Directorate's Configuration Management strategy and implementation across the Directorate and the Department of Homeland Security. Knowledge of ITIL (Information Technology Infrastructure Library), CMMI or any other industry best practice IT Service Management framework. Excellent verbal and written communication skills. Experience developing and conducting presentations for all levels of management. Strong analytical and organizational skills. Strong workflow and documentation skills, requirements gathering, traceability, and analysis and tracking experience. Experience documenting processes and or procedures.

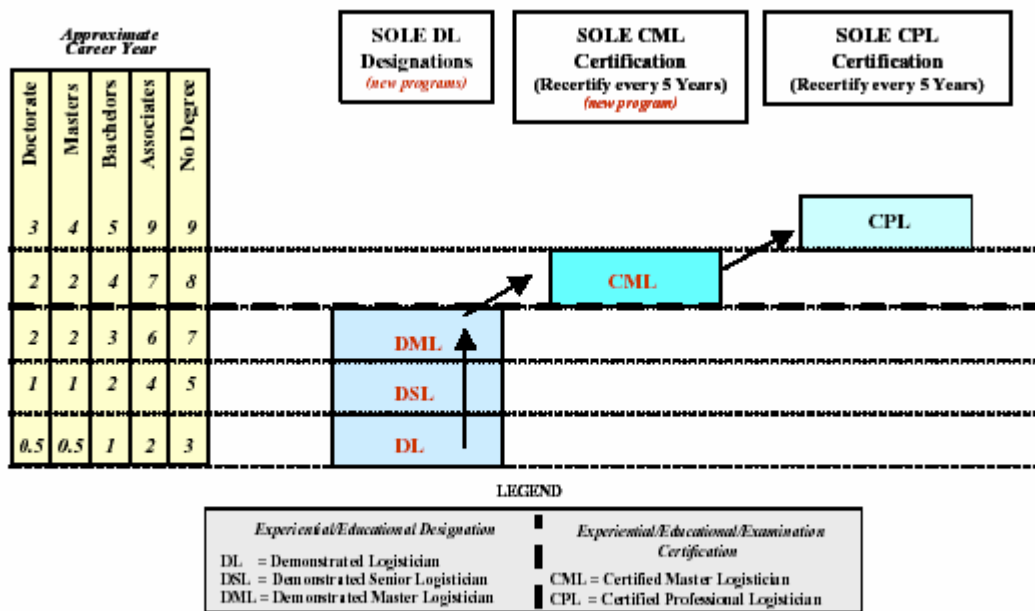
### **Configuration Management Specialist**

Ensure that CM processes are updated as needed, attend meetings, provide agendas and minutes of the CCB meetings, train new staff on the processes .

# DESIGNATED LOGISTICIAN PROGRAM

## 1.0 Introduction

SOLE – The International Society of Logistics (“SOLE”) provides a designation program for continued professional performance and education of logisticians through its Designated Logistician Program. This program is implemented in the Department of Defense (DoD) military services and industry as an intermediate recognition program as logisticians hone their skills and work toward full professional certification from SOLE either as a Certified Master Logistician (CML) or a Certified Professional Logistician (CPL); or other professional certification in the areas of program management, quality or reliability. The program as noted in Figure 1-1 constitutes a continuing growth path for each logistician. As shown in the figure, the initial recognition is as a Demonstrated Logistician (DL), the next level is recognition as a Demonstrated Senior Logistician (DSL) and the final step is a Demonstrated Master Logistician (DML). Each step in the process has logistics job performance, continuing education, functional



**Figure 1-1**  
The Placement of the Designated Logistician Program in the individual career development paths

skill training, and training, and enabler skills training requirements. In industry, the employee and his/her immediate supervisor implement the program. Immediate supervisors are required to work with employees to define the optimum combination of training through academic courses, non-academic courses with Continuing Education Unit (CEU) recognition, functional and enabler skill training through local learning institutes or local SOLE Chapter training, and/or the Defense Acquisition University (DAU).

## 2.0 Designated Logistician Program Elements

### 2.1 Job Performance

To qualify for the next higher level of designation, each logistician must maintain a continuing performance evaluation of “satisfactory” or higher during the entire period. Supervisory evaluations are an integral element in the overall growth of the employee and recognition of the

levels of performance is a positive element in the appraisal and growth process. Once awarded the designation is not lost should performance fall below the “satisfactory” level; however, the employee must regain the rating for the designated period before advancing in the program.

**Table 2.1-1**  
**Job Performance Experience Requirements for each level of designation based on Individual Education Level**

Program Level	Education				
	High School	Associate Degree	Bachelors	Masters	Doctorate
Demonstrated Master Logistician	7	6	3	2	2
Demonstrated Senior Logistician	5	4	2	1	1
Demonstrated Logistician	3	2	1	0.5	0.5

Note: It is anticipated that those with an educational degree at the Masters or Doctorate level may wish to pursue certification from SOLE as a Certified Master Logistician (CML) or Certified Professional Logistician (CPL). However, should they desire, they may pursue recognition under this program prior to attaining their CML or CPL certification(s).

Recognizing that the educational process is a journey and not a destination the requirements for the Designated Logistician Program are built on a continuum of education in three areas:

- Continuing Education
- Functional Skill Training
- Enabler Skill Training

Continuing education is achieved through attendance at academic institutions offering for-credit courses; or non-academic courses offering CEU credits. These must be courses in areas of education where there is a focused association with personal development in the areas of Business, Logistics or Engineering. General Education leading to a degree is acceptable only for the first level of recognition (i.e., Demonstrated Logistician/DL). Non-credit courses with no awarded CEUs, and audited courses are not counted toward this requirement, but may be counted toward the Functional and Enabler Skill Training requirements, below. A suggested list of study areas is shown at Attachment B. (Note that these courses were extracted from multiple college catalogue descriptions and may not be the same in all locations.) It is incumbent upon each employee to work closely with management to select courses that are best suited for.

Functional Skill Training is comprised of those courses generally associated with the performance of the logistics functions and directly related to them. Local industry or chapters as well as DAU offer courses in this area. Alternatively the corporate organizations may present short (4-8 hour) courses based on local needs. Such courses must be added to the organization’s course catalogue to provide continuing application for all elements of the

workforce. Each supervisor and employee must define the applicable courses based on individual employee needs. Courses may be offered on-line or in residence and must be directly applicable to the employee in the specific logistics skill areas as described in Table 2.2-1 and Attachment C. (DAU offers similar courses but these tend to focus on the DoD environment rather than the corporate environment.)

**Table 2.2-1**  
**Required Continuing Education (College Credits or CEUs)**  
**Based on Level in Program and Education Level**

Education	Program Level		
	Demonstrated Logistician	Demonstrated Senior Logistician Delta/Total	Demonstrated Master Logistician Delta/Total
Doctorate	0	0	0
Masters	0	0	0
Bachelors	6	6/12	12/24
Associate	9	9/18	12/30
High School	12	12/24	12/36

Note 1: Numbers indicate cumulative college course credits or CEUs required for the recognition.  
 Note 2: Should an additional degree be earned between levels of designation being awarded the delta continuing educational requirements for the designation at the new degree level will be required.

**Table 2.2-2**  
**Required Number of Functional and Enabler Training Courses**  
**from DAU or Local Offerings**

Training Courses	Program Level		
	Demonstrated Logistician	Demonstrated Senior Logistician Delta/Total	Demonstrated Master Logistician Delta/Total
Functional Courses (see Attachment C)	12	6/18	6/24
Enabler Courses (see Attachment D)	10	5/15	5/20

Note: Since most local SOLE chapter and DAU courses cannot be equated to the academic hours for credits they are shown as course requirements. DAU resident courses can be applied as three courses in the appropriate area for each week of resident instruction.

### **3.0 Process**

Immediate supervisors sit down with each employee and mutually develop a plan for continued growth and development along the requirements established in this directive.

Employees complete the educational and course objectives and notify both individual supervisors, and corporate Human Resource Offices, as appropriate.

Supervisors and Human Resource Offices maintain the individual employee records. Human Resource Offices, as applicable, maintain the employee training records for completion of the local and DAU courses.

At the end of the required job performance period as noted for the designation level, employees and supervisors prepare an Application for Designation (Attachment A) and submit with the required fee to SOLE Headquarters for processing.

*Note that employees who have amassed the service requirements for performance at higher levels of the program may enter the program at that level by submitting their first application accompanied by their CV and documentation of all continuing education and skill training as applicable. SOLE will evaluate the application and issue the highest designation that can be presented based on the evidence submitted.*

SOLE Headquarters (SOLE HQ) processes the application and records the level awarded; and issues the applicable designation certificate and pin to the individual. On receipt of the certificate from SOLE – The International Society of Logistics the individual employee forwards a copy to his/her immediate supervisor and to HR for posting in the employee record folder.

**SEE DEMONSTRATED LOGISTICIAN  
APPLICATION FORM  
ON NEXT PAGE**

**Attachment A  
Application for Designation**



**SOLE – The International Society of Logistics**

**For Designation as (check one):**

- Demonstrated Logistician (DL)**  
 **Demonstrated Senior Logistician (DSL)**  
 **Demonstrated Master Logistician (DML)**

Last Name  First Name  MI  Suffix

**Employee Number/SSAN** (required for identification and record keeping):

**Educational Level** (level/type, e.g., BS/BA/MS/MBA/Ph.D.):

High School  Associates Degree  Bachelors  Masters  Doctorate

**Employment Certification**

This is to certify that the applicant has completed the prescribed years of satisfactory employment required for the designation being sought.

Supervisor: Signature \_\_\_\_\_ Printed Name:

**Continuing Education**

The following courses have been completed and the transcript(s) from the issuing institution is/are attached:  
*(attach additional sheets, as necessary)*

1.
2.
3.
4.
5.
6.

The Following Functional and Enabler training courses have been completed and certificates or other forms of documentation are attached *(attach additional sheets, as necessary):*

**Functional Training**

1.
2.
3.
4.
5.
6.

**Enabler Training**

1.
2.
3.
4.
5.
6.

**I certify that the information contained in this application is true and correct:**

\_\_\_\_\_  
Applicant's Signature Date

**SOLE Headquarters Use Only**

Date Received  Check/MO No.  Date

Credit Card No.  Expiration Date

Level Awarded  Certificate Number  Date Issued

Submit the original completed application along with the required \$50.00 processing fee in check, money order or credit card information to:

**SOLE – The International Society of Logistics**  
 Professional Place, Suite 111, Hyattsville, Maryland 20785-2229  
 8446 voice; 301-459-1522 fax

**8100**  
301-459-

Attachment B

Typical Educational Areas Appropriate to Logistics Designation Programs

<i>Systems Management</i>	<i>Systems Development and Design</i>	<i>Acquisition and Product Support</i>	<i>Distribution and Customer Support</i>
Cost Accounting	Preliminary and Detailed Design Activities	Logistics Support Analysis and LSAR	Physical Supply and Distribution
Operations Research and Systems Analysis	Conceptual Design	Provisioning	Materials Requirements Planning
Contingency Planning	Reliability Engineering	Parts Control and Standardization	Packaging
Sensitivity Analysis	Maintainability Engineering	Procurement	Transportation
Risk and Uncertainty Determinations	Logistics Research	Contracts and Warranties	Traffic Administration
Financial Management	Computer Aided Acquisition and Logistics Support	Production Support	Warehousing and Storage
Human Resource Management	Computer Technology	Production Requirements	
Life Cycle Cost	Human Factors and Safety Engineering	Production Planning	International Commerce and Shipping
Time Value of Money	Statistical Analysis	Production Engineering	Training and Education
Return on Investment	Civil Engineering	Production Management	
Payback and Break-even Analysis	Functional Testing	Production Analysis	
Management Information Systems	User Test and Evaluation	Plant Engineering	Systems and Equipment Phase-out
Logistics Planning and Management		Manufacturing Engineering	Environmental Science
Proposal Development		Estimating	Purchasing and Procurement
Contract Negotiations		Methods Engineering	Material Flow
Principles of Program Leadership		Production Control	Inventory Control
		Quality Assurance	Reverse Logistics
		Quality Control	Customer Service
		Queuing Analysis	Order Processing
		Materials Requirements Planning and Analysis	Supply Chain Management
			Logistics Organizations

## Attachment C Functional Training Areas

### Program Management and Performance Based Logistics

- LS Planning
- Risk Management
- Developing Short and Long Term Support Concepts
- Developing Integrated Supply Concepts
- Performance Based Logistics During Acquisition
- Performance Based Logistics During Sustainment
- Retirement and Recycling

### Logistics Systems Engineering

- Develop Support Concepts
- Provide Design Influence for Supportability
- Design Support System
- Perform Task and Skills Analysis
  - Identify manpower and personnel requirements
  - Identify Tools and Support Equipment Identification
  - Computer Resource Definition
- Spares and Level of Repair Analysis
- Perform FMEA/FMECA
- Perform RCM Analysis
- Maintain FRACAS data
- Develop and Implement Warranty program
- Maintain Configuration Management Data Base
- Obsolescence Management (COTS insertion)
- Qualification Testing

### Life Cycle Costing

- Life Cycle Modeling
- Compute Total Ownership Costs
- Model Costs as an Independent Variable
- Optimize Total Ownership Costs

### Provisioning

- Provisioning Planning

- Provisioning Data Requirements
- Provisioning Technical Documentation
- Spares Calculations
- Running/Supporting Provisioning Conferences
- Replenishment
- Unprocurable Parts

### Reliability

- Reliability Planning and Allocation
  - Selection of Figures of Merit
- Reliability Centered Maintenance Analysis
- Failure Modes and Effects (Criticality) Analysis
- Reliability Modeling Techniques
  - Hardware Reliability
  - Software Reliability
  - Electronic Circuits

### Maintainability

- Maintainability Planning and Allocations
  - Selection of Figures of Merit
- Maintainability Demonstrations
- Testing Maintainability Criterion

### Training

- Training Program Planning
- Course Development
  - Task Allocations
    - + Prerequisite Skill Development
      - o Classroom and Hands On
    - + Post Schoolhouse OJT
    - + SOJT
  - Methods of Instruction
    - + Classroom
    - + Hands On
    - + Remote Interactive
    - + CBT
    - + On Line
- Training Technical Documentation
- Technical Data

## Training Areas (Cont'd)

<ul style="list-style-type: none"> <li>• Technical Data Elements</li> <li>• Technical Publications Planning</li> <li>• Technical Publications Development             <ul style="list-style-type: none"> <li>- On Line</li> <li>- Hard Copy</li> <li>- Integrated</li> <li>- Interactive Electronic</li> </ul> </li> <li>• Technical Manuals</li> <li>• Technical Writing</li> </ul> <p>Human Factors</p> <ul style="list-style-type: none"> <li>• Ergonomics</li> <li>• Sensory Factors</li> <li>• Physiological Considerations</li> <li>• Anthropomorphic Design Impacts</li> </ul> <p>Safety</p> <ul style="list-style-type: none"> <li>• System Safety Programs</li> <li>• Equipment Safety</li> <li>• Operator/Maintainer Safety</li> </ul>	<p>Quality</p> <ul style="list-style-type: none"> <li>• Manufacturing Quality Process</li> <li>• Use of Six Sigma Techniques</li> <li>• Lean Process Improvements</li> </ul> <p>Supply Chain</p> <ul style="list-style-type: none"> <li>• Planning</li> <li>• Forecasting</li> <li>• Source Selection</li> <li>• Make / Buy Decision Making</li> <li>• Delivery and Stock Operations             <ul style="list-style-type: none"> <li>- Transportation and Routing</li> <li>- Packaging</li> <li>- Warehousing</li> <li>- Data Reporting</li> </ul> </li> </ul> <p>Engineering Technical Services</p> <p>Environmental Engineering</p>
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Attachment D  
Enabler Training Areas

<p>Personnel Selection and Training</p> <p>Personnel Management Techniques and Tools</p> <p>Integrated Engineering and Product Development</p> <p>Earned Value Management</p> <p>New Business Development – Proposals</p> <p>DoD Operations</p> <p>Budget Process and “Colors” of Money</p> <p>Partnerships (Teaming &amp; Public-Private)</p> <p>FAR/DFARS &amp; Congressional Statutes</p> <p>Acquisition Reform</p>	<p>Subcontracting</p> <p>Internal</p> <p>External</p> <p>Risk Management</p> <p>Mathematics for Decision Making</p> <p>Statistical Mathematics</p> <p>Financial Analysis</p> <p>LSA Tools and Techniques (Eagle – MIMS, etc.)</p> <p>CM/DM Tools</p> <p>Office Tools</p> <p>Presentation Skills</p>
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# Mid-Atlantic Log

The Chapters of District 02 of SOLE - The International Society of Logistics announce the

*8<sup>th</sup> Annual*

*2006 Mid-Atlantic Logistics Conference*

*Woodlands Hotel & Suites/Woodlands Conference Center, Colonial Williamsburg, VA*

*March 28-30, 2006*

## **"Focused Logistics: A Knowledge Enabled Logistics Strategy"**

The Technical and Education Committees have issued a **Call for Papers and Workshops** for our Conference Program. Abstracts should address the following suggested topic areas within theme of **"Focused Logistics: A Knowledge Enabled Logistics Strategy."** Papers should discuss policies, requirements and innovative solutions, as well as lessons learned. Workshops should provide instruction in topics that are relevant to the theme, and should be structured in either 4 or 8 hour sessions.

**Joint Deployment and Rapid Distribution** – How will we meet the goal of being the "World's Premier Deployer" and meet the demands of the Warfighter by providing visibility and accessibility of assets from the source of supply to the point of need?

**Information Fusion** – How is logistics data integrated and accessed across units and support agencies?

**Joint Theater Logistics Command & Control** – What are the lines of authority for providing logistics support in a joint warfighting environment?

**Multinational Logistics** – What are the most cost effective methods of integrating and improving logistics support relationships with allied/coalition partners?

**Joint Health Services Support** – How does the Military Health Support System provide effective health care in a global environment? How do new technologies support the President's Mandate for an interoperable health information technology infrastructure?

**Agile Infrastructure** – What are the policies, processes and infrastructures that "right-size" logistics? What are the roles of outsourcing and privatization?

### **ABSTRACT SUBMISSIONS**

**The submission deadline is March 1, 2005.**

Abstracts should be emailed to: [abstracts@mid-atlantic-log.net](mailto:abstracts@mid-atlantic-log.net) with a back-up copy to Pat D'Allosta, the MAL General Chair at [pdallosta@ntvifed.com](mailto:pdallosta@ntvifed.com). Abstracts guidelines are posted on the MAL Web Page. Persons submitting abstracts will receive electronic notice of acceptance or rejection by March 10th. Presenters shall provide their presentations digitally in Microsoft PowerPoint™ format. Review comments will be provided by March 15<sup>th</sup>, with final submission by March 20<sup>th</sup>, 2006.

**Please visit us at <http://www.mid-atlantic-log.net> or contact:**

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**In Honor of Engineer's Week**

*Please Join the Greater  
Washington Area Chapter (GWAC) of  
SOLE – The International Society of Logistics  
And the  
District of Columbia Council of  
Engineering and Architectural Societies (DCCEAS)  
At the*

**Proclamation Day Luncheon**

**Wednesday, 22 February 2006, 11:30 am**

**Pier 7 Restaurant**

**650 Water St SW, Washington, DC, 202-554-2500**

Complimentary 3 hours of parking, or walk from the Waterfront Metro Station.

**Dr. Jane Alexander**

**Deputy Director, Homeland Security  
Advanced Research Projects Agency**

Join us to proclaim Engineers Week in the Washington DC area! We will enjoy a buffet lunch, followed by Dr. Alexander's discussion of her Agency's mission and how multi-disciplinary research projects by engineers and architects are contributing to our security.

**TICKETS: \$25.00 PER PERSON, OR TABLES OF 10: \$250.00**

**GWAC has paid for a Table of Ten for the  
First 10 GWAC Members to Register!**

RSVP to [bunnystsreet@yahoo.com](mailto:bunnystsreet@yahoo.com)