



THE LOG

The Newsletter of the
Southern Maryland Chapter
SOLE – The International Society of Logistics
District 2, Chapter 4



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FROM THE CHAIRMAN

We have made great strides to make our website the go-to site for logisticians in Southern Maryland. Take a look at the resumes and job openings listed on the career tab of our website (www.SouthernMarylandSOLE.com). If you haven't gone to the site lately, check it out.

As I write this section of the newsletter I am getting ready to pack my bags for the trip to Williamsburg. It isn't too late to register, walk-in registrations will be accepted at the conference. For those of you who have already registered, I look forward to seeing you there. Let's make sure that we get a Chapter picture for the next newsletter while we are there.

The 2006 SOLE Awards Program has just been announced; please see the article in this newsletter about the program. Both SOLE Members and non-members are eligible for these awards. We have some great logisticians supporting the programs at NAVAIR – let's get them some recognition – nominate your program today.

Our chapter has a good number of Certified Professional Logisticians (CPL); please note the article in this newsletter on CPL recertification requirements. You want to keep your certification current – so make sure that you are keeping the required documentation. Also while we are discussing CPLs, for those of you who want to take the upcoming examination there is information about when you need to get your application in for the upcoming exams.

And lastly, how about that list of new members? I look forward to meeting every one of them! I hope that you will join me in welcoming them to Southern Maryland SOLE.

Jim Griffin – Chairman SOMD SOLE

SOUTHERN MARYLAND SOLE CHAPTER BUSINESS MEETING

The Southern Maryland SOLE Chapter held its March 2006 Business Meeting on 9 March 2006. The following members of the SOMD SOLE Management Team were in attendance: Jim Griffin and Charles Wheeler. Due to the lack of a quorum no business was discussed.

Next Business Meeting

The next scheduled SOMD SOLE business meeting will be at 1130, on 13 April 2006, at BearingPoint, which is located in the Chesapeake Professional Building on route 235 north, between the Precision Tune and WaWa. The building is a two-story vanilla colored building with a green metal roof.

UPCOMING CHAPTER EVENTS

MONTHLY LUNCHEONS

The Chapter typically holds its monthly luncheons the third Thursday of each month at 11:30 at the NAS Patuxent River Officer's Club. From time to time the dates may have to be changed based on speaker availability.

Remember you do not have to be a SOLE or a Chapter Member to attend our luncheons.

Pass the word and bring your fellow logisticians out to our luncheons – the more the merrier.

Also a reminder that attending the SOMD SOLE luncheon briefs can count towards continuous learning for members of the acquisition workforce.

Thursday, 16 March 2006



Bill Stone, MMA PSTL, addresses the Multi-Mission Maritime Aircraft Program's mission to take Commerciality to the Next Level at the SOMD SOLE March luncheon.

SOMD Chapter of SOLE - The International Society of Logistics, District 2, Chapter 4, Monthly Luncheon attendees were honored with an engaging presentation from our guest speaker, Mr. Bill Stone. Mr. Stone shared his knowledge and program goals as the Multi-Mission Maritime Aircraft (MMA) Product Support Team Lead (PSTL) for Taking Commerciality of the MMA to a New Level.

Mr. Stone, who joined the Air Force in 1974, came up through the ranks working within the PMA-242 Defense Suppression Office, led Tiger Teams incorporating the latest and greatest capabilities where they were most needed. The highlight of Mr. Stone's military career included direct involvement with Desert Storm/Shield providing enhanced capabilities to the HARM missile system under

emergency circumstances. He retired from the military in 1994, and became a Civil Servant with NAWC, Pax River. In 1999 he became an AIR-3.2 Competency Manager, before going to PMA-242 as the Navy APML for HARM; he switched back to the aircraft side of the house in 2001, as he was assigned to PMA-299 supporting the H-60. Upon his promotion in 2002, he became the V-22 Development Logistics IPT Lead where he remained until May 2005 when he became the Multi-Mission Maritime Aircraft (MMA) Product Support Team Lead (PSTL).

Mr. Stone enlightened the lunch crowd with the current status and way ahead for this transformational weapon system known as the MMA. From the issues and challenges of his supportability goals to the maintenance planning, supply support and technical data issues, Mr. Stone engaged the audience with thought provoking and conceptual ideas of tip-to-tail CLS planning and manpower distribution to support the MMA. It was a learning experience for the group and refreshing to witness the obvious enthusiasm that Mr. Stone has for his program.



Fred Kegler, VC SOMD SOLE, presents Bill Stone, the coveted SOMD SOLE Speaker's Mug for presenting at our March luncheon.

Thursday, 20 April 2006

The Southern Maryland SOLE Chapter will hold its monthly luncheon meeting at 11:30, Thursday, 16 February 2006, at the NAS Patuxent River Officer's Club. We have extended an invitation to Mr. Les Wetherington of the NAVAIR Integrated In-Service Reliability Team as our speaker for the luncheon. We have asked for him to present on NAVAIR's Integrated In-Service Reliability Program.

MISSED ONE OF OUR LUNCHEONS? CHECK OUR WEBSITE!

We always ask our luncheon speakers if we can share the information that they present to the Chapter at our luncheons. If they allow the information to be shared, it is usually available on our Chapter's website (www.southernmarylandsole.com) within a couple of days.

MEMBERSHIP MILESTONES

This month the chapter celebrates the membership milestones of the following members:

13 Years

Edward Flynn

8 Years

Charles Bailey

7 Years

Denny Barr

1 Year

Daniel Varela

New Members

David Holden

Dick Owens

Michael Comodeo

Jennifer DeLong

John Hazen

David Hendrickson

John Lane

Scott Paules

I hope that everyone will join us in congratulating those members who are recognizing milestones and will welcome those who have just joined the Society.

LOGISTICS QUOTE OF THE MONTH

“... in its relationship to strategy, logistics assumes the character of a dynamic force, without which the strategic conception is simply a paper plan.”

-- *Commander C. Theo Vogelsang, USN*

NEW GAO REPORT - More Efficient Use of Active RFID Tags Could Potentially Avoid Millions in Unnecessary Purchases

The GAO reports that, “for many years, the Department of Defense (DOD) has been attempting to improve visibility over its inventory and equipment. The lack of visibility over inventory and equipment shipments increases vulnerability to undetected loss or theft and substantially heightens the risk that millions of dollars will be spent unnecessarily. Additionally, needed supplies may not reach the warfighter when needed, which may impair readiness. In order to improve visibility, DOD began using a technology to enable it to track shipments. This technology is known as radio frequency identification (RFID). RFID technology consists of active or passive electronic tags that are attached to equipment and supplies that are shipped from one location to another. This technology is part of a family of automatic information technologies used to enable hands-off identification of cargo and inventory. This report focuses on active RFID tags, which cost around \$100 each and are reusable.”

To see Defense Logistics: More Efficient Use of Active RFID Tags Could Potentially Avoid Millions in Unnecessary Purchases. GAO-06-366R, March 8.
<http://www.gao.gov/cgi-bin/getrpt?GAO-06-366R>.

2006 SOLE AWARDS PROGRAM ANNOUNCED

SOLE Headquarters released the following announcement of its 2006 SOLE Awards Program to all District and Chapter Chairs. Please submit any awards nominations through the Southern Maryland SOLE Chapter. If you have a nomination, contact Jim Griffin, Chairman SOMD SOLE, as soon as possible, he will assist you in putting together the award package and getting the nomination package to the appropriate Award Committee Chair. Please note the dates that the awards have to be to the Committee Chairs. **ALSO NOTE THAT MANY OF THE AWARDS ARE AVAILABLE TO MEMBERS AND NON-MEMBERS ALIKE!**

SOLE 2006 Awards Program - It's time to gear up for the 2006 SOLE Awards Program. All of the Award Chairs have been selected and are ready to receive your nominations. This year's awards will be presented 15-17 August at SOLE 2006, the Society's 41st Annual International Logistics Conference & Exhibition, held at the Omni Mandalay at Los Colinas in Dallas (Irving), Texas. Chapters and their Award Coordinators need to start considering potential candidates for nominations in the various logistics disciplines. The Chapter Award and Chapter Newsletter Award coordinators need to be gathering the requisite information for submittal in April. The Awards Manual is available on line at the SOLE.org web page -- go to www.sole.org/downloads.asp, then click on "SOLE Administration," and select and download the file "Awards Manual 02182002.zip."

The awards to be considered this year are in the table below. (Note that the terms "Members" and "Non-Members" refer to awards eligibility.) Some awards, like the "Prize Papers - Outstanding Student," are awarded by the service school in the name of the Society. Be sure to check the Awards Manual for the due date for each award. In addition, the deadline for SOLE's Scholarship Awards has been extended to 15 May 2006.

Founders Medal (Members/Non-Members) [Suspense: 1 May]

Eccles Medal (Members/Non-Members) [Suspense: 1 May]

Armitage Medal (Members/Non-Members) [Suspense: 1 May]

Jack Williams Space Logistics Medal (Members/Non-Members) [Suspense: 1 May]

Distinguished Service Medal (Members) [Suspense: 1 May]

Mo Grumbine Award for Service (Members) [Suspense: 1 May]

Field Awards (Members/Non-Members) [Suspense: 1 May]

Young Logistician Award (Members) [Suspense: 1 May]

Logistics In the Community Award (Members) [Suspense: 1 May]

Scholarship Awards (Members/Non-Members) [Suspense: 15 May]

Doctoral Dissertation Award (Members/Non-Members) [Suspense: 7 April]

Prize Logistics Paper - SOLE Symposium (Members/Non-Members) [awarded, without external nomination input, by the VP, Administration]

Prize Paper - Logistics Spectrum (Members/Non-Members) [awarded, without external nomination input, by the VP, Administration]

Prize Papers - Outstanding Student (e.g., AFIT, AWC, AC&SC) (Members/Non-Members) [awarded by the participating service schools]

Here is a little more information on the Field Awards

Purpose

Consistent with its charter, SOLE may wish to recognize the outstanding services and contributions of individuals in specialty areas of the broad field of logistics. The Field Awards are established for this purpose and are administered by the Awards Board.

General

A Field Award recognizes technical achievement and professional experience in, and contributions to, a given specialty of logistics. Titles for the Field Awards are not provided because the nominations for award consideration should be developed around the individual with the suggested award title best describing the recognition. The following are examples of award titles that might be used:

Integrated Logistics Support (ILS)	Software Support	Operations
Business Logistics Management	Personnel Training	Research/Systems Analysis
Life Cycle Cost Management	Technical Publications	Logistics Research and Development
Project Management	Facilities	Purchasing
Financial Management	Post Production Support	Material Flow
Contract Management	Customer Service	Production Operations
Supplier/Subcontractor Management	Field Data Reporting and Analysis	Packaging
Management Information Systems	System Engineering	Physical Distribution
Maintenance Management	Logistics Engineering	Inventory Control
Supply Support	Reliability	Warehousing
Support and Test Equipment	Maintainability	Transportation and Handling
	Human Factors	Provisioning *
	Safety Engineering	International Logistics
	Logistics Support Analysis	Acquisition Logistics
	Economic/Cost Analysis	

The previous areas of logistics or fields are provided as examples and are not intended to be all inclusive. The specific titles of Field Awards may vary somewhat from year to year because the specialty areas are related to career fields and these may change from time to time to reflect growth and shifts of emphasis in the field. The objective is to recognize outstanding contributors in logistics technical specialty areas and to designate the Field Awards in their specialty areas. Field Awards may be given annually to suitable candidates as determined by the Field Awards Committee and the Awards Board. No more than eight Field Awards shall be given in any year.

Eligibility

A Field Award may be presented only to individuals or small teams of individuals. An organization, agency, or institution is not eligible.

SOLE LEF SCHOLARSHIPS

Are you pursuing a bachelors or masters degree in logistics or a logistics-related major? Are you enrolled at an accredited educational institution, carrying a full-time course load? Then you are eligible to apply for a \$1,000 scholarship from Logistics Education Foundation (LEF).

Each year the LEF awards a number of scholarships supporting logistics study at the undergraduate and graduate levels. Applicants are evaluated based on their intention to pursue a career related to logistics, scholastic achievements, as well as indications of current and future contributions to the logistics profession, as evidenced by course work, special projects, research, and/or on-the-job logistics experience.

For more information on the LEF, and to download the scholarship application package, go to the following website: <http://www.sole.org/lef.asp>. Be sure to contact Jim Griffin, Chapter Chairman, prior to sending the application in. You do not have to be a member of SOLE to apply.

All scholarship award winners are required to submit a student paper to SOLE's professional journal, the Logistics Spectrum. Scholarships apply to the next academic year.

HIGHLIGHTED ARTICLE OF THE MONTH:

For Supply Chain Complexity Masters, the challenge never ends, by Robert J. Bowman. Global Logistics and Supply Chain Strategies March 2006

http://www.supplychainbrain.com/archives/03.06.cm_intro.htm?adcode=5

In this article, Robert J. Bowman, looks at seven private companies and their shared logistics and supply chain challenges.

PLANNING TO TAKE OR RE-TAKE THE CPL EXAM**May 2006 Exam:**

First Timers: You needed to have your application for examination to SOLE Headquarters on the 28 February 2006.

Retakers: If you are planning to re-take the CPL Examination on 6 May 2006, you need to send an email to SOLE Headquarters (solehq@erols.com) and to Jim Griffin (james.griffin@bearingpoint.com) by 31 March 2006 letting us know your intentions. Please note in your email where you would like to take the examination SOLE HQ or have it locally proctored by SOMD SOLE.

Aug 2006 Exam:

First Timers: Applications may be downloaded from <http://www.sole.org/CPL.ASP>, complete your application and submit it to Jim Griffin, Chairman SOMD SOLE, for review and submission to SOLE Headquarters by 30 April 2006. This August exam is only administered at the Annual Conference this year in Dallas TX.

Retakers: If you are planning to re-take the CPL Examination in August 2006, you need to send an email to SOLE Headquarters (solehq@erols.com) to let them know your intentions. Please include Jim Griffin (james.griffin@bearingpoint.com) as a copy to addressee. Please note in your email where you would like to take the examination SOLE HQ or have it locally proctored by SOMD SOLE.

DOD UNIQUE IDENTIFICATION (UID) PROGRAM OFFICE ANNOUNCES UPCOMING UID TRAINING

The Office of the Under Secretary of Defense for Acquisition, Technology & Logistics, UID Program Office, announced that they will sponsor three UID Forums in 2006 to provide practical guidance to military program managers and DoD contractors to support the successful implementation of UID as required by DoD policy (DFARS 211.274).

Item Unique Identification (IUID) is a cornerstone of the Department of Defense's business transformation efforts and is one element of the overall DoD strategic imperative for unique identification. The requirement to uniquely identify items applies to domestic and foreign contractors providing deliverables to DoD throughout the supply chain. A comprehensive registry of marked items will provide accurate and accessible information about personal property that will make acquisition, repair, and deployment of items faster and more efficient within the Defense Supply Chain.

Don't wait until you are up against a deadline for implementation! If you need practical guidance to understand the compliance procedures for IUID implementation, the UID Forum is your official platform! The Forums are geared for personnel from military programs and the DoD supplier base who are actively seeking to acquire the technology and systems to help them comply with the DoD UID Policy.

For complete information on the UID Forums and registration please visit <http://www.UIDforum.com>. For registration questions, please contact 1-800-560-1980.

To learn more about the UID Program and Policy, go to <http://www.acq.osd.mil/dpap/UID/>.

REMINDER TO RENEW YOUR DUES

Those members whose renewal dates are approaching or those who have past their renewal dates are encouraged to contact Trèsmarie Wolfe to renew their dues so that they can take advantage of our chapter dues renewal subsidy. Provide your renewal form to Trèsmarie Wolfe with payment less \$35 and the chapter will take care of the rest. If you know of anyone interested in joining our Southern Maryland Chapter, please have him or her contact Trèsmarie Wolfe, VC Member Services at (301) 863-3418 or by e-mail at wolfe_tresmarie@bah.com so that they can take advantage of \$20 subsidy for new members.

NEWSLETTER INFORMATION

If you run across logistics related information or have written a logistics related paper or article that you think would benefit the other members of the Southern Maryland Chapter please be sure to forward it to Jim Griffin so that it can be included in future newsletters. We are always looking for information of interest to the logistics community that we can distribute in our newsletters. Send your information to Jim Griffin at the following e-mail address: james.griffin@bearingpoint.com no later than the second Friday of the Month in order for the information to be included in the current month's newsletter.

CPL RECERTIFICATION PROGRAM

As many of you know, and especially our membership's Certified Professional Logisticians, SOLE has a recertification program for CPLs. So, why is re-certification important? By re-certifying and keeping your CPL designation up-to-date, you maintain the credibility of your CPL designation and continue to be competitive with other professional certifications.

CPL Recertification also encourages CPL participation in SOLE activities and provides service and leadership to the organization and to the local body of logisticians. Recertification also affords the CPL an opportunity for continued contributions to the profession of logistics.

What is required of the CPL to recertify? Recertify every 5 years; accumulate 50 points, approximately 10 points per year. Points are awarded for a variety of activities, such as:

- Full-time employment in logistics related position
- Published article, either the Logistics Spectrum or other professional journal with national circulation
- Presentation at chapter meetings, topic must be related to one of sole's application divisions or other area of professional interest to logisticians
- Write articles for chapter newsletter, topic must be related to one of sole's application divisions or other area of professional interest to logisticians
- Conduct/teach a chapter CPL review course
- Attend at least 5 chapter meetings per year
- Attend SOLE Conference (District, National, International) or other professional conference - Attend at least one day of technical sessions
- Teach or attend workshop or seminar

The list goes on...and a complete list, including points awarded for activities and forms can be found at <http://www.sole.org/cpl.asp>. But, as you can see, it is not difficult to accumulate the 50 points needed to recertify and keep your CPL status current.

The benefits to you and to your employer are simple: recertification shows that you, as a professional, have continued to keep abreast of ever-changing trends in the field of Logistics. Employers (and potential Employers) see this as a person who has cared enough about his profession to continually improve his knowledge and capabilities by acquiring the necessary points to recertify.

Membership in SOLE is not required to recertify, but a fee is required for non-SOLE members to cover administrative costs.

(Reprinted courtesy of the Indianapolis Chapter's February 2006 Indy Log Volume 19, Number 2)

HAS YOUR E-MAIL ADDRESS OR PHONE NUMBER CHANGED?

If you have an address, e-mail or phone number change please provide the VC Membership Services, Trèsmarie Wolfe with your updated information to wolfe_tresmarie@bah.com so that you don't miss any of the logistics information that we routinely provide our membership. Also remember to update your personal information on the SOLE website so that you don't miss any of the SOLE Corporate communications <https://www.sole.org/sole/memberupdates.asp>.

JOINT FORCE LOGISTICS: Understanding Location Basics**By: Lieutenant Colonel James C. Bates, USA (Ret.)**

In the January–February issue, the author discussed how military logistics management information systems often do not provide visibility of equipment in shipment. In this article, he shows how the basic concepts of latitude and longitude are helping to solve this problem.

Although military logistics management systems still do not provide total visibility of items in shipment, the Department of Defense has made tremendous progress in its ability to locate items in transit.

Early Navigation

In 1492, when “Columbus sailed the ocean blue,” the use of geometry and observation of the position of the Sun and the stars were the primary methods of navigation. Like other learned people of his day, Columbus believed the Earth was round. This meant that he could use the geometry associated with a circle (360 degrees) and the Sun’s position on the horizon to navigate. Although he sailed over 500 years ago, Columbus was able to estimate his latitude



A Soldier checks coordinates on a map while on patrol near the Syrian border in Iraq.

through the use of a quadrant and navigational charts. Unfortunately, since the chronometer had not yet been invented, the same could not be said for his longitude. So, during his first voyage to the new world, Columbus and his sailors could only guess how many miles they were from home once they left the familiar waters around the Canary Islands and sailed westward.

Sextants

Before the global positioning system (GPS) was invented, the sextant was the primary tool used for navigation. It measures the degree of angle between the horizon and the noonday sun. By comparing the angle to published tables, the user of the sextant can determine latitude. Latitude has been a lifeline for mariners for several hundred years.

After the mutiny aboard his vessel, the *H.M.S. Bounty*, Captain William Bligh was placed aboard a lifeboat, and, in one of the greatest feats of navigation ever accomplished, he and his 18 crewmembers sailed the open boat 3,600 miles to the Dutch colony of Timor using a sextant as their primary navigational tool.

Chronometers

Early navigation at sea was a problem because of the difficulty in calculating longitudinal position. Although navigators could determine their latitude by measuring the Sun's angle at noon, they had no means of estimating longitude. They lacked a portable method of determining time of day that would function on a ship. The clocks available at the time were pendulum clocks, which were useless on a rolling ship at sea. In 1763, John Harrison, a carpenter from Yorkshire, England, perfected a clock (chronometer) that was not affected by gravity or the motion of a ship.

Once the chronometer was invented, a mariner had to know only the time of day at his location and the time of day in Greenwich, England, to determine his longitude. At the Equator, if Greenwich time was 1200 and local time was 1600, a mariner knew that he was 4,200 miles west of Greenwich, England (each hour representing about 1,050 miles, or 15 degrees of longitude).

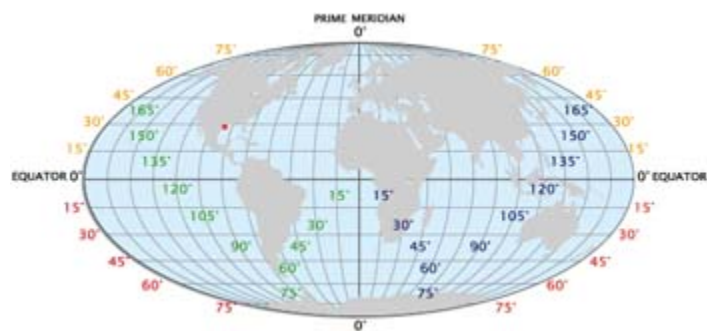
The concepts of latitude and longitude, premised on the fact that the Earth is nearly round and has a magnetic north, are not only one of the oldest means of identifying location but also one of the best.

World Geodetic System

Emerging technology holds the promise to simplify location identification. Satellite-based GPSs and digitized maps frequently express physical locations using the conventions of the World Geodetic System (WGS), which was developed in 1960. Latitude and longitude are essential components of the GPS, so it is important to understand these concepts.

Latitude. The Earth has a circumference of about 25,000 miles at the Equator and a slightly smaller circumference around the poles. Since the Earth is nearly round, it can be divided into 360 degrees. Therefore, we can express location by using the angles of arc between two reference points. Latitudes are horizontal lines that are parallel to the Equator, which is used as one of two reference points; it is designated as 0 degrees latitude.

In the WGS, minutes and seconds are not expressions of time but the amount of arc in the circular Earth. There are 60 minutes (of arc) in a degree and 60 seconds (of arc) in a minute. Therefore, each degree of latitude represents about 69 miles (the Earth's 25,000-mile circumference divided by 360 degrees equals 69 miles). A location with latitude of 45 degrees north is halfway between the Equator (0 degrees latitude) and the North Pole (90 degrees



Latitude is shown as horizontal lines that are parallel to the equator, which is used as one of two navigational reference points. It is designated as 0 degrees latitude. Longitude is shown as vertical lines that are east or west of the prime meridian, the other reference point, which is designated as 0 degrees longitude.

latitude north). A location with latitude of 45 degrees south is halfway between the Equator (0 degrees latitude) and the South Pole (90 degrees latitude south). In the WGS, it is not possible to exceed 90 degrees latitude.

Longitude. Longitude lines (also called meridians) are vertical lines that connect at the poles. Longitude represents location as an angle between a line running north and south through Greenwich, England (called the Prime Meridian), and a vertical location point. The Prime Meridian is the other reference point; it is designated as 0 degrees longitude. Moving west from the Prime Meridian, one would pass the east coast of the United States, the west coast, and Hawaii to a maximum longitude of 180 degrees west. This is the location of the international dateline, which is on the opposite side of the world from the Prime Meridian. Heading east from the Prime Meridian, one would pass through France and Russia to a maximum longitude of 180 degrees east. This would again be the international dateline.

Converting angles of arc into distance for longitude is much different than for latitude. While lines of latitude are parallel and remain at a constant distance from one another, lines of longitude converge at the poles. The distance between degrees of longitude at the Equator is 69 miles; the distance between degrees of longitude at either of the poles is 0. Typically, the latitude and longitude grid lines shown on world maps are 15 degrees apart. Locations are pinpointed using degrees, minutes, and seconds of latitude and longitude. The latitude and longitude for San Diego, California, for example, are latitude 32 degrees, 51 minutes, and 9.36 seconds north and longitude 117 degrees, 6 minutes, and 36 seconds west.

Logistics Transformation

GPSs are helping to transform logistics. Twenty-four solar-powered satellites that are 12,000 miles above the Earth serve as the foundation of the GPS. To determine their current location, military personnel can use GPS receivers to retrieve radio signals from the satellites. If they are able to receive signals from three different satellites, the GPS receiver can display location to within plus or minus 10 meters. If the GPS receiver can pick up signals from four or more of the satellites, military users also can determine altitude.

With GPS information—expressed in latitude and longitude and accurate to within 100 feet or better—deployed forces can easily determine their current locations. These could be established sites such as aerial ports of debarkation, shallow-draft seaports, highway intersections, container consolidation points, or supply points. Deployed forces also can use a GPS to determine temporary sites, such as supply storage areas hastily assembled in forests or deserts, helicopter landing zones, tactical assembly areas, container-handling areas, and ammunition transfer points. Once this location information is loaded into a computer network, joint logisticians worldwide can use a variety of software programs to view the locations and surrounding areas on digitized maps. For example, if a Soldier located in a forest on the island of Sumatra needs ammunition and provides the latitude and longitude of his location to a logistician in Australia, the logistician can access a digitized map database, analyze the surrounding area, determine the best route of resupply, and program a Joint Precision Airdrop System, loaded with ammunition, to land within 100 feet of the desired drop location.

What's Next?

With the dramatic advancements that have been made in GPS technology, telecommunications, automatic identification technology, data processing, and advanced software systems such as those that digitize maps, photographs, and images, there soon will be no need to truncate word-related data fields or encode location data for the Joint Operations Planning and Execution System, the Global Transportation Network, or the Defense Transportation Regulation. Since current computers and telecommunications systems can readily store, process, and transmit a tremendous amount of data, it is no longer necessary to encode location information. Whenever possible, the Department of Defense should express locations as mailing addresses (currently used in direction-finding software such as MapQuest) and cite latitude and longitude. Because of the enormous quantity of logistics data that must be processed to attain asset visibility of items in shipment, military shipment labels and transportation control movement documents should be redesigned to minimize the number of data elements that must be captured at transshipment points.

Locating items in shipment and determining their final destinations is complex, but continuous advancements in technology are significantly improving the process. Many streets in countries around the world will remain unnamed; however, modern technology will enable us at least to determine the latitudes and longitudes of equipment traversing them.

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Lieutenant Colonel James C. Bates, USA (Ret.), works for Alion Science and Technology and serves as a sustainment planner for the U.S. Joint Forces Command, Standing Joint Force Headquarters (Standards and Training), at Norfolk Naval Base, Virginia. He is a Certified Professional Logistician and a graduate of the Army Command and General Staff College and holds an M.B.A. degree from the University of Hawaii. He can be contacted by email at James.Bates@jfc.com.mil.

Reprinted courtesy of Army Logistician and LTC James C. Bates, USA (Ret.), Volume 38 Issue 2 (March-April 2006)

SOUTHERN MARYLAND LOGISTICS EMPLOYERS

Are you looking for Logisticians in the Southern Maryland Area? Did you know that you can advertise for logistics candidates via the Southern Maryland SOLE Website? The Southern Maryland SOLE Chapter is offering this service to local companies looking for logisticians. Your logistics requirements will be advertised at the following link:

<http://www.southernmarylandsole.com/careers.htm>. To advertise your logistics requirements, contact Jim Griffin at james.griffin@bearingpoint.com.

SOUTHERN MARYLAND JOB SEEKERS

Are you looking for a logistics position in Southern Maryland? You too can advertise your talents by posting your resume on the Southern Maryland SOLE website at the same link as shown above. To advertise your personal resume, contact Jim Griffin at james.griffin@bearingpoint.com.

NEED LOGISTICS ENGINEERING REFERENCE MATERIALS?

Visit the St. Mary's County Public Library in Lexington Park. The SOMD SOLE Chapter has donated a number of logistics related books to the library. Whether you're studying for the Certified Professional Logistician (CPL) exam, taking a college course, or just looking for a reference the Lexington Park library has what you are looking for.

We're always looking to expand the library if you would like to make a donation please contact Jim Griffin at james.griffin@bearingpoint.com.

LOGISTICS IQ – TEST YOUR KNOWLEDGE – Jim Griffin CPL

1. The major difficulty in evaluating alternative plant and facility designs is that conflicting objectives have quite different dimensions. Which of the following best describes this problem?
 - a. Objectives must be combined to provide a basis for evaluation.
 - b. Objectives cannot be combined for evaluation.
 - c. Objectives should be combined where similarities predominate.
 - d. Objectives may be combined, but need not be, for evaluation.

2. The common carrier is:
 - a. Liable for loss or damage of goods while in the care of the carrier.
 - b. Liable for damage or loss of goods only if it has been negligent.
 - c. Allowed to discriminate in rates for the same service rendered.
 - d. Is minimally regulated by the ICC and the FAA.

3. What is the purpose of using systems methodology in a business environment?
 - a. To provide a useful structure for solving quantitative problems.
 - b. To construct laws and axioms by which the firm may resolve its problems.
 - c. To provide an organized method by which the firm may address each problem as an individual phenomenon.
 - d. To provide a useful structure for solving both quantitative and qualitative problems.

4. The definition of software does not include:
 - a. Structured information establishing the system functional requirements which determine content.
 - b. Structured information with logical properties of the system.
 - c. Structured information with functional properties of the system.
 - d. Structured information intended eventually for machine reading.

UPCOMING LOGISTICS TRAINING EVENTS:**ACQUISITION LOGISTICS ENGINEERING (ALE) WORKSHOPS**

Acquisition Logistics Engineering (ALE) is offering several workshops in 2006 that address key aspects of logistics. These workshops are held in Columbus, Ohio or can be brought to your facility. For more information on these workshops e-mail ALE at workshops@ale.com or call (614) 436-1609. **ALE has offered a 10% discount to SOLE Members. To receive your discount, give your SOLE membership number when you reserve your seat in one of the workshops.** The list of available workshops and their presentation dates are listed below:

- **Performance Based Logistics – A Business Opportunity** will be held June 6 – 8, 2006.
- **Data Management – Your Key To Success** will be held April 4 – 5, 2006.
- **Integrated Logistics Support – Putting It All Together** will be held May 9 – 11, 2006.

Integrated Logistics Support Seminar

For more information on this course, go to TTC's Website at www.TechnologyTraining.com. Courses will be held in Las Vegas, NV April 3-5, 2006.

NAVAIR TRAINING EVENTS:

Logistics and Industrial Team Training will be conducted at 1300 on 30 March 2006 at 1300 – 1500 at the NAS Patuxent River base theater.

DAU MID-ATLANTIC REGIONAL CAMPUS TRAINING EVENTS:

Log 304 - Advanced Life Cycle Logistics Management – Apr 4 – 14, 2006

Notes on attending Mid-Atlantic DAU Logistics Courses:

1. There are no restrictions on industry people taking LOG 235A, the on-line portion of LOG 235.
2. Industry personnel can sign up for Log 235B (resident portion) through the DAU web site. Simply go to www.dau.mil, "Training Courses", "Apply for a Course" and follow the links.
3. DoD personnel should not be too intimidated if classes are full. If you want a class, get yourself wait-listed by requesting same (give location, dates and class number) in the comments block of the class registration form accessed above. Then, show up at DAU at 0730 on the date the class begins. If the class truly is full, you waste an hour and drink free coffee. Mr. Newman has never started a class where everyone registered showed up. They will fill the empty seats in the order you were wait-listed.
4. DAU is available to do tailored acquisition training. Many courses (PBL, UID, and some others) are free to the customer). Others specifically tailored to your needs are fee-for-service but very inexpensive. We are prohibited from offering courses leading to certification on a fee-for-service basis. In other words, you can't hire us to teach the above listed courses if you intend to submit them to receive your Level I, II, or III Logistics certification. Contact Dean Newman, DAU Logistics Instructor, at (240) 895-7321 for further information.

5. DAU has nothing to do with certifying you Level I, II or III other than teaching the courses. The service Defense Acquisition Career Manager (DACM) handles ALL matters regarding certification. The DACM tells DAU the level of proficiency for which they desire training and DAU builds and teaches the course. Please address issues regarding certification to your training department who will then forward it to your service's DACM.
6. The DACM also determines how many offerings of each course will be taught in a region. We have Logistics capacity here at Patuxent River to add more courses if the customers request it. Requests should be forwarded through your training department to the DACM.

UPCOMING LOGISTICS EVENTS:

2006 Mid-Atlantic Logistics Conference

This year's theme is "Focused Logistics: A Knowledge Enabled Logistics Strategy". The conference will be held at the Woodlands Conference Center/Woodlands Hotel and Suites in Colonial Williamsburg VA 28 – 30 March 2006. For more information on this conference go to: <http://www.mid-atlantic-log.net>.

Supply-Chain World: North America 2006

This year's theme is "New Challenges & Strategies, People, Measurements and Technology – Winning with Extended Supply Chains." This conference will be held 27 – 29 March 2006 at the Hyatt Regency at Reunion in Dallas TX. For more information on this conference send an email to info@supply-chain.org or visit www.supply-chain.org.

TOC World® 2006

This year's theme is "Design, Deployment and Sustainability." TOC World® 2006, the premiere conference for implementers and those new to Theory of Constraints (TOC), is scheduled for March 29-31 at the beautiful Mohegan Sun Conference Center in Uncasville, CT. For more on this conference go to: <http://www.goldratt.com/tocworld2006/>.

Congress for Progress 31

This APICS conference's theme is "Integrated Solutions for Operations Success". The conference will be held 5 – 7 April 2006 at the Hyatt Regency Inner Harbor Hotel in Baltimore MD. For more information on this conference go to: www.cp-apics.org.

Unmanned Ground & Sea Systems

Featuring top experts from a list of DoD and commercial companies, this conference will be held 5 – 7 April 2006 in Washington, DC. For more information on this conference go to: www.ttcus.com.

Introduction to Failure Modes & Effects Analysis for Product Design & Manufacturing Process Design (Product & Process FMEA)

This conference scheduled for 6 – 7 April 2006 in Detroit, MI, is designed to assist individuals responsible for design and development activities in the completion of a Design FMEA and Process FMEA, this course introduces participants to the analytical process in which potential failure modes, failure effects, and causes of failure are identified. Criticality and risk analysis concepts for dealing with the effects of failure will be covered. Analysis is used to identify corrective actions and controls necessary to eliminate failure modes or minimize the effect of failure. Individuals attending the seminar should have a basic understanding of the product

design process and product and manufacturing process design principles. This seminar is designed for the product/design engineer, process design engineer, manufacturing engineer, development engineer, materials engineer, product assurance, design assurance, process assurance engineer, reliability engineer, test engineer, quality engineer, logistics/support engineer, and their management. For more on this conference go to:

http://www.sae.org/servlets/pdEvent?OBJECT_TYPE=PDEventInfo&PAGE=getPDEventInfo&EVT_NAME=92002

Maintenance and Reliability Technology Summit 2006

The Maintenance & Reliability Technology Summit (MARTS) is the premier event for professionals and features technical and business sessions, workshops and technical exhibits. The MARTS mission is to provide a comprehensive training, educational and professional development opportunity for maintenance and reliability technicians, engineers, supervisors and managers in all industries and major facilities. MARTS is produced by MAINTENANCE TECHNOLOGY and LUBRICATION & FLUID POWER. Each sponsor is a proven source of reliable information for today's engineers, managers, and technician audiences. MARTS offer in-depth learning opportunities in the form of two days of workshops by recognized experts, along with two days of conferences and technical exhibits. CERTIFICATION EXAMS and professional development courses will be offered by qualified representatives of CLS and SMRP. This year's conference will be held 17 – 20 April 2006 in Chicago, IL. For more information go to: <http://www.martsconference.com/>

22nd Annual National Logistics Conference and Exhibition

This conference brings senior leaders from government and industry together to address issues of acquisition, logistics and finance to support the nation's warfighters. For more information on this conference which will be held in 18 – 20 April 2006 in Miami FL, please contact Britt Bommelje at (703) 247-2587.

Future Naval Plans & Requirements

"Analyzing long-term requirements and near-term opportunities in support of Sea Power 21" is this conference's theme. The Conference will be held 25 -26 April 2006 at the Westin Gateway in Arlington, VA. For more on this conference go to www.idga.org or call 1-800-882-8684.

Performance Based Logistics 2006 Symposium

At this symposium you will learn about and discuss: Creating a business case analysis for your PBL program - Both from an industry and government perspective; How to build successful partnerships between industry and government; Cataloging and logistics information solutions for PBL; and, Establishing clear performance measures for PBL. This conference will be held 24 -27 April 2006 at the Georgetown University Conference Center in Washington DC. To Register: simply call Tom Glynn at 416-597-4722.

2006 DoD Standardization Conference

This conference's topics include DoD Standardization Policy Updates, Joint Standardization Board Presentations, Service Caucuses, and Standardization Executive Panels. The conference will be held 23 – 25 May 2006 at the Westin Arlington Gateway in Arlington, VA. For more information and registration go to: www.sae.org/events/dsp.

International Applied Reliability Symposium

The International Applied Reliability Symposium provides a forum for expert presenters from industry and government to come together with reliability practitioners from all over the world to discuss the application of reliability principles to meet real world challenges. This year's Symposium theme is "Sharing applications, success stories and lessons learned in reliability and maintainability engineering." The conference will be held 14 – 16 June 2006 in Orlando FL. For more information on this symposium go to: <http://www.arsymposium.org/index.htm>.

SOLE 2006

The theme for this 41st Annual SOLE Conference will be held 15 - 17 August 2006 at the OMNI-Mandalay at Las Colinas in Dallas (Irving) TX. For information keep watching: www.sole.org/conference.asp.

Predictive Maintenance Technology Conference & Expo

PdM-2006, the Predictive Maintenance Technology Conference & Expo will be held from 12 – 15 September 2006 in Chattanooga, TN. This one event provides a venue for all of the technologies required for reliable machinery operation. PdM-2006 provides leading techniques and case studies for: Vibration Analysis; Airborne Ultrasound; Infrared Imaging; Motor Testing; Oil and Wear Particle Analysis; and other condition monitoring technologies. World class best practices indicate that up to 50% of your maintenance activity should be spent on condition directed tasks to replace ineffective time based maintenance. Finding and implementing the right combination of predictive maintenance and condition monitoring technologies is a challenge. For more on this conference go to: <http://www.maintenanceconference.com/pdm/>.

2006 APICS International Conference and Exposition

This conference will be held 29 – 31 October 2006 in Orlando FL. To find out more about this conference, join the APICS conference update list at www.apicsconference.org to receive conference-related news and stay current on all APICS 2006 developments.

The Annual North American Logistics Conference Defense Logistics 2006

This conference will be held 27 – 30 November 2006 at the JW Marriott in Washington, D.C. To register for this conference call 1-888-482-6012 or visit www.defenseelog.com.

The 21st International Maintenance Conference™ "Manufacturing & Process Reliability"

Please join us for IMC-2006, the 21st International Maintenance Conference 5 - 8 December 2006 in Daytona Beach, Florida. More information will be posted soon - please check out their website: <http://www.maintenanceconference.com/imc/index.htm>.

LOGISTICS IQ – TEST YOUR KNOWLEDGE – Answers

1. - a.;
2. - a.;
3. - d.;
4. - a.

SOLE – The International Society of Logistics



**SOLE - The International Society of Logistics and the Logistics Education Foundation
Announce the 2006 Dissertation Proposal Award Competition for Promising Research in
System Design for Reliability, Maintainability, and Supportability;
Logistics Systems and Maintenance; Business Logistics; and Supply Chain Management
21 February 2006**

The 2006 SOLE Dissertation Award provides a \$3,000 grant to a Ph.D. candidate and recognition by the Society through publication of an article in the *SOLE Logistics Spectrum* based on the completed dissertation. The money will be distributed as follows: \$2,000 presented at the annual symposium (15-17 August), \$500 upon receipt by SOLE of a bound copy of the completed dissertation, \$500 upon acceptance of a minimum 1,500-word article by the *Logistics Spectrum* of a summary of the dissertation.

We ask that you encourage qualified Ph.D. candidates in your program (or related programs) to apply. The student provides a one-page application plus a five-page response to two questions. Statements of support from two faculty members are required. These materials can be obtained from Martha Cooper using the email or mailing addresses below. The application materials can be accessed at: http://fisher.osu.edu/~cooper_7/

To be eligible, the individual must be admitted to candidacy for the Ph.D. with a research proposal approved by his or her doctoral committee. The award will be presented at the SOLE 2006 Symposium in Dallas (Irving), Texas, scheduled from 15-17 August 2006.

Applications and supporting documentation must be received by 7 April 2006. Send materials to Martha Cooper using her contact information below. Materials may be either mailed or emailed. If emailed, ensure delivery and attach all materials to the same email and request confirmation of receipt.

Thank you for your support of the Society's recognition of outstanding doctoral candidates. We look forward to your program's active participation.

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