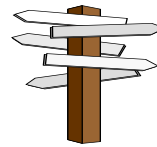


THE MINNESOTA LOGGER



Minneapolis/St. Paul Chapter 6 District 6 of the
International Society of Logistics (SOLE)

Minneapolis/St. Paul Issue No. 246 Date - November 2002

Chairman's Corner

We have all been well schooled on the concept of "Change". Nothing stays the same and those businesses, organizations and individuals that don't progress will be left behind.

The same concept is true of the logistics discipline. And change continues to happen in the various elements of logistics, as we all know. The biggest change in the 1990's was the widespread use of the Internet. The big change underway at the start of this decade seems to be the extension of the Internet to mobility of users by way of wireless products and services.

The after-sales product support processes for commercial products, which were once for the most part highly manual, are changing quickly. One example is training. With modern web services a field engineer can obtain web-based training for some skills from just about anywhere. Engineering drawings and manuals plus product documentation has been available on the web for some time to assist in training. Soon we will see training available on wireless handheld computers. This example is just one aspect of *automation of processes*. The move toward *automation and integration* seems to be ongoing in all aspects of logistics.

The automation and integration in engineering and the factory continue at a high pace. The move to ERP from MRP II in the factory has expanded in the past year or so with new functionality in after-sales product support.

Have our reference materials, especially those used by SOLE, kept pace?

Many of our reference books were initially published before the widespread use of the Internet. The book references (on the SOLE web site, useful for the CPL exam, for example) were all published in 1999 or prior. Many of these are later editions of earlier published works.

In looking for good references one could argue that books are nearly obsolete with e-books or

certainly common e-document formats the future of book-length publications.

The logistics profession needs an infusion of solid reference material that includes the concepts of the *automation and integration* of all the elements of logistics. The elements of logistics are listed elsewhere in this newsletter recalled from the classic by Professor Ben Blanchard, "Logistics Engineering and Management".

In the following newsletters I will try to explore the specific areas of the *automation of the processes of logistics*. If you have examples of published references related to after-sales product support or logistics engineering that you have found useful on process automation please e-mail those references to me at larrydev@earthlink.net.

Larry G. DeVries, CPL

Chapter Chairman, Twin Cities 2002-2003
Chapter 6 District 6
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"Basic Elements of Logistics Support"

Reference: "Logistics Engineering and Management", Prentice-Hall, 5th Ed., 1998, by Benjamin S. Blanchard, page 8

Logistics Support

Formatted

1. Maintenance and support planning.
 2. Supply support (spare/repair parts and associated inventories).
 3. Maintenance and support personnel.
 4. Training and training support.
 5. Test, measurement, handling and support equipment.
 6. Packaging, handling, storage/warehousing, and transportation.
 7. Maintenance facilities.
 8. Computer resources (hardware and software).
 9. Technical data, information systems, and database structures.
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PROPOSED 2002 MEETING TOPICS

Date	Event	Remarks
Tue, 21 Nov 02	Meeting at the NCO Club	Oshkosh Slide Show
Thu, 12 Dec 02	Christmas W/Mary Jane	At a restaurant TBD
Thu, 16 Jan 03	The Logistics of Oshkosh	Ken Dacas, O'Club
Thu, 20 Feb 03	Failure Modes Effect Analysis (FMEA), useful or useless	Group discussion.
Thu, 20 Mar 03	Visit Ford Ranger Plant	Ed Nelson will coordinate
Thu, 17 Apr 03	Medical Stints. What are they, how used.	Ken Dacas will coordinate
Sat, 17 May 03	Visit Jackson St Roundhouse	Jack Pavlock will coordinate.
Thu, 19 Jun 03	Paddleford Evening Cruise	Joe O'Brien will coordinate.

Alternate trip: Burnsville Indoor Pistol Range

UPCOMING MEETING - -

November 21, 2002

This month's meeting will be held at the NCO Club on the Reserve Air Base. Attendee names need to be in by November 19 in order to get the list to base security. You will be checked & passed through at the gate. The meeting will have a business program and a slide show from Ken Dacas on the Oshkosh Air Show. For those who have not been to the show it is a chance to see a plethora of airplanes from WWII aircraft to the latest in experimental private aircraft. If you have been there you can see again the airplanes you gawked at in the past and comment on what airplanes Ken missed.

Last Meeting

The last meeting was a dynamite visit to the Ellingson Car Museum in Rogers, MN. The museum is packed with old cars from the beginning of the automotive age (horseless carriage) until the present day (Batmobile). The attendees had a great

time wandering around the museum and seeing a lot of vehicles that were new when they were new. There were discussions on how all of these old vehicles were maintained and repaired in the days before electronics and giant automotive shops. When the home mechanic used a timing light, and a toolbox to keep his vehicle in repair. Now with all of the smog control and electronic equipment on top of the engine we all take our cars and trucks to be repaired and even change the oil. However the trip down memory lane was great and everyone had a good time.

What is logistics?

Found on the Internet: There are many definitions of logistics. This web site has enough to satisfy anyone.

Source: What is logistics?

www.logisticsworld.com/whatislogistics.htm

"Logistics means having the right thing, at the right place, at the right time."

Logistics - (business definition) Logistics is defined as a business planning framework for the management of material, service, information and capital flows.

It includes the increasingly complex information, communication and control systems required in today's business environment. -- (Logistix Partners Oy, Helsinki, FI, 1996)

Logistics - (military definition) The science of planning and carrying out the movement and maintenance of forces.... those aspects of military operations that deal with the design and development, acquisition, storage, movement, distribution, maintenance, evacuation and disposition of material; movement, evacuation, and hospitalization of personnel; acquisition of construction, maintenance, operation and disposition of facilities; and acquisition of furnishing of services. -- (JCS Pub 1-02 excerpt)

Logistics - The procurement, maintenance, distribution, and replacement of personnel and materiel. -- (Websters Dictionary)

Logistics - 1. The branch of military operations that deals with the procurement, distribution, maintenance, and replacement of materiel and personnel. 2. The management of the details of an

operation.

[French logistiques, from logistique, logic (perhaps influenced by loger, to quarter), from Medieval Latin logicus, of calculation.] -- (American Heritage Dictionary)

Logistics - ...the process of planning, implementing, and controlling the efficient, effective flow and storage of goods, services, and related information from point of origin to point of consumption for the purpose of conforming to customer requirements." Note that this definition includes inbound, outbound, internal, and external movements, and return of materials for environmental purposes. -- (Reference: Council of Logistics Management, <http://www.clml.org/mission.html>, 12 Feb 98)

Logistics - The process of planning, implementing, and controlling the efficient, cost effective flow and storage of raw materials, in-process inventory, finished goods and related information from point of origin to point of consumption for the purpose of meeting customer requirements. -- (Reference: Canadian Association of Logistics Management, <http://www.calm.org/calm/AboutCALM/AboutCALM.html>, 12 Feb, 1998)

Logistics - The science of planning, organizing and managing activities that provide goods or services. -- (MDC, LogLink / LogisticsWorld, 1997)

Logistics - Logistics is the science of planning and implementing the acquisition and use of the resources necessary to sustain the operation of a system. -- (Reference: ECRC University of Scranton / Defense Logistics Agency Included with permission from: HUM - The Government Computer Magazine "Integrated Logistics" December 1993, Walter Cooke, Included with permission from: HUM - The Government Computer Magazine.)

Logist - To perform logistics functions or processes. The act of planning, organizing and managing activities that provide goods or services. (The verb "to logist." Eg. She logisted the last operation. I will logist the next operation. I am logisting the current operation. We logist the operations. The operations are well logisted.) --

(MDC, LogLink / LogisticsWorld, 1997)

Logistic - Of or pertaining to logistics. -- (MDC, LogLink / LogisticsWorld, 1997)

Logistical - Of or pertaining to logistics, logistics-like. -- (MDC, LogLink / LogisticsWorld, 1997)

Logistics Functions - (classical) planning, procurement, transportation, supply, and maintenance. -- (United States Department of Defense DOD)

Logistics Processes - (classical) requirements determination, acquisition, distribution, and conservation. -- (United States Department of Defense DOD)

Business Logistics - The science of planning, design, and support of business operations of procurement, purchasing, inventory, warehousing, distribution, transportation, customer support, financial and human resources. -- (MDC, LogLink / LogisticsWorld, 1997)

Cradle-to-Grave - Logistics planning, design, and support which takes in to account logistics support throughout the entire system or product life cycle. -- (MDC, LogLink / LogisticsWorld, 1997)

Acquisition Logistics - Acquisition Logistics is everything involved in acquiring logistics support equipment and personnel for a new weapons system. The formal definition is "the process of systematically identifying, defining, designing, developing, producing, acquiring, delivering, installing, and upgrading logistics support capability requirements through the acquisition process for Air Force systems, subsystems, and equipment. -- (Reference: Air Force Institute of Technology, Graduate School of Acquisition and Logistics.)

Integrated Logistics Support (ILS) (1) - ILS is a management function that provides planning, funding, and functioning controls which help to assure that the system meets performance requirements, is developed at a reasonable price, and can be supported throughout its life cycle. -- (Reference: Air Force Institute of Technology, Graduate School of Acquisition and Logistics.)

Integrated Logistics Support (ILS) (2) - Encompasses the unified management of the technical logistics elements that plan and develop

the support requirements for a system. This can include hardware, software, and the provisioning of training and maintenance resources. -- (Reference: ECRC University of Scranton / Defense Logistics Agency Included with permission from: HUM - The Government Computer Magazine "Integrated Logistics" December 1993, Walter Cooke.)

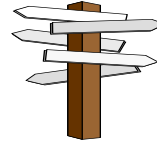
Logistics Support Analysis (LSA) - Simply put, LSA is the iterative process of identifying support requirements for a new system, especially in the early stages of system design. The main goals of LSA are to ensure that the system will perform as intended and to influence the design for supportability and affordability. -- (Reference: Air Force Institute of Technology, Graduate School of Acquisition and Logistics.)

See more definitions in the WWW Virtual Library of Logistics Glossary

Please submit any additions or corrections to this page to: logistics@logisticsworld.com

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Minneapolis/St. Paul Chapter of SOLE September Meeting Notice

MEETING DATE: **Thursday, November 21 2002**

LOCATION: NCO Club Minneapolis Reserve Air Base

TIME: 5:30 pm

Dinner: Pizza and Beer

MEETING TOPIC: Experimental aircraft past, present and future. Practical examples shown with an Oshkosh Air Show slide presentation.

Directions to the Base

Going east on Crosstown (Highway 62).
Watch for AFB sign.
Exit on 28th Ave. (If you hit Highway 55 turn around.)
When you exit 28th Ave, follow signs to AFB gate.
Stop at gate. Give guard your name and ID (drivers license) Ask for directions to NCO club.

Going west on Crosstown (Highway 62)
Exit on 28th Ave. (If you hit Highway 77 turn around.)
When you exit 28th Ave, follow signs to AFB gate.
Stop at gate. Give guard your name and ID (drivers license) Ask for directions to NCO club.

Note: If you are not on gate guard's access roster, you don't get in unless you have military ID.

RESERVATIONS: Call one of the following for reservations not later than 19 November 02:

<u>Honeywell</u>	<u>Lockheed Martin</u>	<u>United Defense</u>	<u>Other</u>
Jack Povlock (763)954-6263	Joe O'Brien (651)456-3977		Ken Dacas (952)887-3855

PLEASE POST

2000-2001 OFFICERS/COMMITTEE CHAIRS FOR DISTRICT 6 CHAPTER 6

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Vice Chairman Operations: Ken Dacas (O) 952 887-3855, Ed Nelson (H) 651-451-0233

Vice Chairman Finance: Jack Povlock (O) 763-954-6263

Vice Chairman Administration: Open

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INTERNATIONAL SOCIETY OF LOGISTICS



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