

SOLE 2009 Pre-Conference Workshops 16-17 August 2009

Developing Logistics Metrics (0800-1200, Sunday, 16 August 2009)

The requirement to develop substantive logistics metrics is often essential to meeting technical proposal requirements and in subsequent award determination. This workshop – jointly conducted by Philip T. Frohne, CPL (author of the McGraw-Hill SOLE Press book "Quantitative Measurements for Logistics") and Dr. Kenneth R. Sperry (Oklahoma State University) - will provide helpful tips on how to develop simple metrics for evaluating reliability, maintainability, life cycle costs, trade studies, and other logistics activities. The workshop will include a series of exercises emphasizing the key points. This information is invaluable to program/logistics managers and logistics engineering analysts; and can be applied at all levels of logistics service and support contracts.

Resilient Logistics Chains: Getting From Here to There (1300-1700, Sunday, 16 August 2009)

In 2007 Congress directed – through the passage of Public Law 110-53 (Title IX, Section 524) – that all private sector business (to include non-profit, defense contractors, and commercial enterprises of all sizes) voluntarily certify their emergency preparedness and business continuity. As part of this recognition of increased preparedness, there is an understanding of the key role that logistics and logistics chain operations and management play in an organization's resiliency. In this workshop, Donald R. Byrne, CBCP (Certified Business Continuity Professional), North River Solutions, will lead the attendees through the challenges of building end-to-end logistics chains. Drawing on best practices and emerging business practices, he will highlight the challenges and pitfalls in dealing with today's global supply chains and logistics structures. In addition to gaining an understanding of the standards currently in development (i.e., ISO 28000), the class will provide both a framework/model for companies to self-assess their level of preparedness and index of both logistics chain and corporate/enterprise resiliency.

Performing Proactive Obsolescence Management (0800-1200, Monday, 17 August 2009)

Taught by Charles M. Marshall, ARINC Engineering Services, this workshop is designed to allow you to understand the fundamentals of DMSMS (diminishing manufacturing sources and materiel shortages) and its relationship to obsolescence management. Topics covered (with supporting exercises) include: performing a DMSMS self assessment; development of a DMSMS management plan; how to develop an Operational Impact Analysis; reduction of hazardous substances and waste electrical and electronic equipment; and recognition of/dealing with counterfeit components and parts. Attendees will be provided a copy of the "hot off the presses" US Department of Defense Standardization Program Office Standard Document SD-22, "The DMSMS Guidebook."

Security Through Design Interface (1300-1700, Monday, 17 August 2009)

The objective of this workshop - led by Jon J. Buder, DML, Jacobs Technology, Advanced Systems Group - is to provide the participants with an identification and understanding of the fundamental activities and analyses necessary for the effective "designing in" of system security and supportability to achieve system optimization. Activities to be discussed include analysis of alternatives; continuous modernization planning; human systems integration; interoperability, reliability, supportability and maintenance analyses; support system alternatives; and trade-off analysis. Using multiple system/program examples, the workshop will highlight the importance of performing design interface early on in development to maximize program performance and security. Attendees will take away from the workshop both an understanding of and appreciation for managing design interface to reduce program lifecycle, security and design risks.