Files are in Adobe Acrobat 3.0 format.

4th Annual Systems Engineering Conference
22-25 October 2001

Table of Contents

An Integrated and Synergistic Systems Analysis Approach by Gloria B. Isler, Lockheed Martin
Information Systems (Brief) and (Paper)

Software Supportability and Maintainability, Mukesh M. Patel & Gareth D. Christian, Lockheed Martin (Brief1) and (Brief2)

Joint Distributed Engineering Plant Industry Roundtable

Supportability, A Systems Engineering Perspective by Thomas L. Nondorf, Boeing Company

Can DOD Employees Be "Partisan" For A Contractor? PM ACS' Experience With Program Leads by Thomas J. Herron/Kathleen Morgan, PM ACS/PM SW/PEO IEW&S, Ft. Monmouth

Automating Logistics Support via a Wireless and Satellite Infrastructure by Pat Summers, Sr., Raytheon Company (Paper) and (Brief)

Federal Logistics Information System (FLIS) by David Ray Tompkins, Defense Logistics Information Service (Brief) and (Paper)

System Operational Effectiveness: Assessment of "Cause-And-Effect" Dependency between System Design Support by Dr. Dinesh Verma, Stevens Institute of Technology; Cliff Geiger, Unified Industries; Louis Kratz, ADUSD, Logistics Programs and Plans, Office of Secretary of Defense

Joint Synthetic Battlespace: Applying Simulation to Acquisition, Mission Effectiveness, and Course of Action Analysis by COL Phil Faye, USAF

System of Systems (SOS) Demonstration by Michael R. DeVogel & Rhonda D. Schuetz, Boeing Company
It All Begins with Good Requirements by Ivy Hooks, Compliance Automation, Inc.

Improving System Requirements Quality Through Application of an Operational Concept Process: An Essential Element In System Sustainment by C. Stephen Kuehl, Raytheon Company

Technologies for Interoperability: Foundation Initiative 2010 and the Naval Collaborative Engineering Environment by Patrick M. Cannon

Progressive T&E And The Virtual Missile Range by Tom Rozanski, NAWCWD (Brief) and (Paper)

Joint Strike Fighter Briefing Autonomic Logistics by Al Bodnar, Autonomic Logistics Directorate

Bell Lab's Corrosion Preventive Compound (MIL-L-87177A Grade B) by David H. Horne, F-16 System Program Office

Joint USAF/ADF S-709-A Flight Strain Survey Phase I of a III Phase Airframe Service Lift Extension Prog(SLEP) by Sawinski


A System Approach to Machinery Condition Monitoring and Diagnostic by Troy V. Nguyen & Harold W. Nelson, Lockheed Martin Information systems (Paper) and (Brief)

Condition Assessment of C-141 Fuel Booster Pumps Using Electrical Signature Analysis by D. E. Welch, D. F. Cox, H. D. Haynes, R. J. Moses, Oak Ridge National Laboratory

A USN Diagnostic and Prognostic Development Strategy for Propulsion and Mechanical Systems by Andy Hess, Bill Hardman & Becky Ahne, Naval Air Warfare Center

Integrated Risk Management: Bridging the Gap Between Acquisition and Sustainment by Wayne Ayer, WR-ALC/PKA, Robins AFB


Update on Viable Combat Avionics aka Affordable Combat Avionics aka Aging Avionics

Advanced Systems Engineering Environments

The Joint Strike Fighter (JSF) Prognostics and Health Management by Andy Hess, JSF Program Office

CENSE Insight Inform by Gregory Greathouse, Cummins, Inc. (Brief) and (Paper)

Voice at the Point-Of-Maintenance (POM) by Greg Greening, KLSS (Kelly's Logistics Support Systems, Inc.)
Horizontal Technology Insertion for On-Vehicle Diagnostics System

Distance Support and Readiness by Craig Brandenburg, NAVSEA (Brief) and (Paper)

U.S. Navy COTS: A Double-Edge Sword by Craig Brandenburg, NAVSEA (Brief) and (Paper)

Acquisition Logistics for Fleet Support by Tommy L. Walker, Jr. NAVSEA

Design of Experiments in Simulation Based Acquisition by Nancy M. Gould, Naval Air Systems Command

Joint Advanced Acquisition Concepts Study (JAACS) by Jim Hollenbach, U.S. Navy Acquisition Reform Office

Scale and Scope Implications for CMMI by Rick Hefner & Fred Manthey, TRW

Five Critical Issues in CMMI Application by Dick Waina (Brief) and (Paper)

DOD DMS Initiatives Support for the Warfighter by Doug Casanova, Defense Microelectronics Activity, DUSD(L&MR)/DMEA

Maintenance Initiatives for Legacy Systems by Joel Moorvitch, Raytheon Company

Performance Based Logistics by Jerry Beck/Corey Battistoni, ADUSD(LPP)

US Navy APU Total Logistic Support (TLS) Program Overview

Merging Logistics and Acquisition at the OSD Level by Jerry Beck/Randy Fowler, ADUSD(LPP)

F/A-18E/F Integrated Readiness Support Teaming (FIRST) by Todd Mellon, Naval Air Systems Command

An Overview of CMMI Appraisal Methodology by Rick Hefner, TRW & Geoff Draper, Harris Corporation

Managing Vulnerabilities in Your Networked Systems Using an Industry Standards Effort by Robert A. Martin, The MITRE Corporation

Electric Bomb Fuzing Instrumentation System Test Program on the F/A-18A Aircraft by Travis A. Brown, Naval Air Systems Command (Paper) and (Brief)

S-3B Flight Data Computer Replacement: A Legacy Systems Challenge by R. Brandon Munday, NAWCAD Pax River (Brief) and (Paper)
Alternative Logistics Solutions Overview-APML Training Presentation (Brief1) and (Brief2)

Performance Based Logistics Program Brief Presented to David Oliver

Department of Defense 2010 Focused Logistics Challenge by HON Roger W. Kallock, DUSD(L&MR) & LTG John "Mike" McDuffie, The Joint Staff

Strategies for Supportability and Interoperability by Dr. Allen Adler, TTO (Tactical Technology Office)

A Better Framework for Transformation by Dr. Hank Dubin, Office of the Assistant Secretary of the Army

Observations "From the Gut" by RADM Mike Mathis, NAVSEA

Systems Engineering An Air Force Perspective by Mark Wilson, HQ AFMC/EN

Can Systems Engineering handle Information Interoperability in A Joint Task Force Centric World? by Jack Zavin, Office of DOD Chief Information Officer

Interoperability: Where are we, where are we going? by Dr. V. Garber, OUSD(AT&L)

RODON Tolerance Based Simulation & Automated FMEA generation in Aircraft Elevators

Systems Engineering Implementation in the development of the Airborne Icing Tanker at the Air Force Test Center by Saul Ortigoza, 412th TW/DRP, AFFTC