

Recent

- David W. Gunther has been recently promoted to a supervisory senior Logistics Engineer supporting the PM Future Combat System (FCS) Brigade Combat Team, Logistics Analysis & Engineering. Mr. Gunther is the Modeling & Simulation lead for a System-of-Systems Analysis Toolset (SoSAT) model. The model is a stochastic, Monte Carlo state based probabilistic model utilizing reliability failure data analysis and assessments. The SoSAT is one of the most complex and sophisticated set of models that performs iterations of possible outcomes and is used to measure the FCS(BCT)'s capability to achieve Operational Availability, Mean Time Between System Abort, Maintenance Ratio, Percent Crew Chief Repairable, Logistics Footprint, Self Sustainment of fuel, water and ammo consumption analyses, analysis of component failure data, perform O&S Cost Reduction analysis, and interface with other models such as JANUS/PS-MRS/LDSS/DPD. SoSAT will combine reliability failure analysis with force-on-force model data to achieve a composite demand of spare parts, fuel, ammo and water requirements for a specified duration of battle engagements. Responsible for the Verification, Validation & Accreditation (VV&A) of the SoSAT where AMSAA will be performing the V&V and ATEC will be performing the Accreditation. Responsible for development of SoSAT training materials and operating manuals, updating the Supportability Strategy, team lead in the Integrated Logistics Analysis Plan Working Group, assessing Type II Business Case Analysis development, simulating Performance Based Logistics in the SoSAT, Logistics Requirements Decomposition and Allocation, O&S Cost Management and Analysis, Interface with other Government organizations (e.g. CASCOM, AMSAA, TRADOC, TRAC-Lee, LOGSA, etc.) that are performing Log Analyses, manage Log Analysis support for Spin-Outs and provide input to Log Analysis cost estimates (BOE). He is responsible to incorporate logistics requirements in the system engineering design process during the System Development & Demonstration phase of the life cycle by influencing the design.
- Mr. Gunther was an AMRDEC Systems/Production Engineer supporting the international Medium Extended Air Defense System (MEADS) National Product Office within the Lower Tier Project Office located on Wynn Drive in Huntsville, AL. Mr. Gunther is the MEADS production representative responsible for developing Request For Proposal requirements, conducting systems engineering support, defining acquisition strategies, assessing production readiness and integrating the MEADS system with the PATRIOT Missile Segment Enhancement (MSE) system.
- Mr. Gunther has worked for the PATRIOT Advanced Capability-3 (PAC-3), also within the Lower Tier Project Office and is responsible for managing production scheduling modeling and simulation projects, defining RFP requirements and developing a database of PAC-3 missile manufacturing labor requirements at the prime contractor and major vendor levels for a unit cost model. He supports the PAC-3 Lean Manufacturing and Variability Reduction Activities and provides production support to PAC-3 cost reduction initiative program activities.

- Additional responsibilities at AMRDEC include being the Requirements Team Lead (Systems Engineer) supporting the Technical Management Division of the Utility Helicopter (Black Hawk) Program Management Office. In that role he is responsible for implementing and maintaining the UH-60 systems engineering program for all product lines by interfacing with both support contractors and internally in the UH-60 PMO and AMRDEC. Mr. Gunther has performed engineering support throughout the life cycle in the areas of systems engineering, requirements management, risk management, configuration management, software development, open systems approach, Integrated Product and Process Development, management plan development and Horizontal Technology Integration.

Previous:

- COE, Huntsville, AL; Responsible for configuration management program oversight and process improvements. Configuration Control Board (CCB) member for Alternate Technology of Chemical Demilitarization assessing change impact in the area of plant operations, safety, systems integration, electrical, HVAC, etc., for special projects. Responsible for implementing a risk management program for Alternate Technology.
- AMEC/NCAT/DAU, Rock Island, IL/St. Louis, MO/Huntsville, AL; Course Director for two Defense Acquisition University courses entitled, Intermediate Systems Planning, Research, Development, and Engineering (SPRD&E) (SYS-201) and Configuration Management (LOG-204) for Department of Defense (DoD) mandatory training requirements in accordance with DoD policies and procedures. Performed applied research and consulting duties in the Systems Engineering and Configuration Management areas of expertise.
- DCMA Lockheed Martin, Denver, CO; Performed Contract Administration duties to include Production Control/Work Measurement support to Program Management Offices for Space Launch and Ballistic missile systems while working in an Integrated Product Team environment.