

SENIOR LEAD TECHNOLOGIST EDITOR

Professional Profile

Over 25 years of experience providing technical support and project management in the system safety and environment, safety and health disciplines. Experience includes: MIL-STD-882 system safety programs; system safety reports and analyses; Programmatic Environment, Safety, and Occupational Health (ESOH) Evaluation (PESHE); policy analysis and development; environmental planning; regulatory compliance evaluations; DoD systems acquisition program oversight and support, pollution prevention (P2) programs and technology transfer. I have extensive experience working with DoD Components and am retired from service with the U.S. Navy. Certified as a Navy Principal for Safety and currently hold a TOP SECRET clearance.

Qualifications

- Vast technical knowledge
- Project management
- Background in [engineering focus]
- Strong presentation skills
- Complex problem solver
- Advanced critical thinking

Experience

Senior Lead Technologist Editor

January 2000 to Current Company Name

- Defined application problems by consulting with clients to evaluate procedures and processes. Developed a new customer base consisting of [Number] accounts. Managed budget forecasting, goal setting and performance reporting for all accounts. Directly managed multi-million co-operative budgets supporting global GTM strategy. Identified strategic partnerships and gathered market information to gain a competitive advantage. Delivered performance updates, quarterly business reviews and planning meetings. Targeted new long-term business partner prospects and closed [Number] deals in [Time period] in the [Industry] industry. Tracked RFPs and bids to develop new business opportunities. Planned strategic brand-building events to expand the product portfolio. Contacted new and existing customers to discuss how specific products could meet their needs. Identified, coordinated and participated in client relationship-building activities and meetings. Added value to marketing material by introducing creative advertising concepts. Cultivated relationships with key players in various industries to create ongoing and mutually beneficial referral systems. Answered customer questions regarding products, prices and availability. Created and conducted unique marketing proposal presentations and RFP responses. Generated business development awareness by implementing in-depth sales and marketing training programs. Managed numerous projects simultaneously within budgetary restrictions. Collaborated with engineers and project managers regarding design parameters for client projects. Managed team of [number] of professionals. Served as mentor to junior team members. Served as mentor to junior team members. Identified, developed and evaluated marketing strategies based on knowledge of company objectives and market trends. Conducted analysis to address [issue] which led to [positive outcome]. Monitored multiple databases to keep track of all company inventory. Analyzed customer and stakeholder needs, generated requirements, perform functional analyses and implemented Requirements Management Plans. Provide comprehensive program management and technical support for system safety and environmental policy-making and oversight roles for ASD (EI&E), SAF/AQRE (Systems Engineering Policy) and several DoD clients.
- Actively participate in the DoD-AIA Working Group (WG) updating National Aerospace Standard (NAS) 411-1, Hazardous Materials Target List; coordinate DoD WG activities to research and review hazardous materials to be listed.
- Conduct technical reviews and track the progress of systems acquisition programs from an environment, safety, and occupational health perspective.
- Provide system safety and environmental expertise for DoD Program Support Reviews led by ODASD (SE) and acquisition programs.
- Key technical SME for writing the Guide for Environment, Safety, and Occupational Health (ESOH) considerations in the Systems Engineering Plan (SEP), Programmatic ESOH Evaluation, and National Environmental Policy Act (NEPA)/Executive Order (EO) 12114 Compliance Schedule; and the HSI and ESOH Handbook for Pre-Milestone A JCIDS and AoA Activities, both published by ASD (EI&E).
- Provided Environment, Safety, and Occupational Health (ESOH) expertise and technical writing for the Common Analytical Laboratory System (CALS) Increment 1, MS B and the Network Tactical Common Data Link (NTCDL), MS B Programmatic ESOH Evaluation (PESHE) and Systems Engineering Plan (SEP) documents.
- Contributed to the independent review of the Mark 51 Gun Weapon System Magazine Fault Tree Analysis; and, researched and completed the Secure Enclave Session Controller (SESC) System Safety Hazard Analysis Report (SSHAR).
- Provided policy, system safety and environmental expertise to the government lead for the revision of MIL-STD-882D, "DoD Standard Practice for System Safety." Consolidated hundreds of comments from DoD, DoD Components and industry for the new Standard, which was published as MIL-STD-882E in May 2012.
- Provided system safety support to the LPD 17 Class Topside and Cargo Principal for Safety.
- Reviewed test results and reports, conducted hazard analyses, prepared safety plans, and prepared a Weapon System Safety review Board (WSESRB) Technical Data Package (TDP) for LPD 17 Class MK 46 MOD 2 GWS Barbette HVAC Modifications; the TDP was submitted and approved.
- Reviewed the Engineering Change Request to modify the hull to accommodate a new Airborne Expendable Countermeasures (AECM) Assembly/Ready/Service Magazine.
- Analyzed technical documents and drawings, Navy explosives safety policy and requirements, developed a Safety Plan, summary of key safety requirements, and a Preliminary Hazard List.
- Provided system safety support to the Navy Principal for Safety for the Mine Resistant Ambush Protected Vehicle (MRAP).
- Coordinated with the Joint Program Office system safety and engineering staffs to provide input on Safety of Use messages, hazard analysis

and risk assessments, safety evaluation of Engineering Change Proposals and other technical documentation.

- Participated in the MRAP Rollover Risk Reduction IPT as a Navy member and made recommendations for improved driver training and mitigations for safety risk to personnel and equipment in the event of a rollover.
- Provided support to ASN (RDA) to develop system safety criteria for Navy Probability of Performance Success metrics and Gate Reviews to institutionalize ESOH policy requirements for acquisition.
- Organized and facilitated a Safety Working Group comprised of members from across Navy Systems Commands to develop safety criteria statements for each of the Navy systems engineering technical reviews (SETR).
- Both of these projects will increase the fidelity and visibility of system safety programs within the Navy.
- Technically reviewed the SENTINEL Class Fast Response Cutter Hazard Tracking Database; of the 400 hazards identified, the review focused on the 30-40 High and Serious Risks due to time constraints.
- Served as the Executive Secretary for the DoD Acquisition ESOH Integrated Product Team and helped formulate DoD policy to fully integrate ESOH into the acquisition and systems engineering processes.
- As for the ESOH Community on the Defense Acquisition University's (DAU) Acquisition Community Connection site, develops detailed guidance and best practices on acquisition ESOH and system safety topics to assist acquisition programs.
- Led a team of experts to the "ESOH in Acquisition" booklet for DoD to provide acquisition professionals a tool that maps when system safety activities should be performed to influence system design throughout the systems engineering process.
- Developed the ESOH technical content for DAU Continuous Learning Modules "ESOH in Systems Engineering" and ESOH in JCIDS" and DAU core acquisition, logistics, and systems engineering courses.
- Acted as ESOH assessor for Navy Independent Logistics Assessments, synthesized data from multiple technical sources and evaluate the effectiveness of acquisition programs' planning, procedures, and implementation of ESOH requirements.
- Updated the "Strategic Environmental Goals in the Systems Acquisition Process," to help Navy acquisition program managers focus their ESOH integration efforts to ensure compliance of future systems and facilitate Fleet operations and training.
- Provided system safety and environmental expertise for the development of the PESHE Document Authoring Tool (DAT) for Naval Air Systems Command.
- PESHE DAT enhances the efficiency and effectiveness with which ESOH Coordinators and Principals for Safety are able to generate PESHEs documents by automating risk assessment and documentation processes, provides collaborative environment, and a repository of policy and best practices.

Environmental Scientist

January 1996 to January 2000 Company Name

- Provided broad-based program management, technical and regulatory analysis support at the headquarters level to the Department of the Navy, Chief of Naval Operations Environmental Readiness Division (CNO N45).
- Developed and reviewed business plans, technical, scientific and engineering studies in support of pollution prevention (P2) initiatives.
- Performed P2 opportunity assessments, P2 technology assessments and transfer, cost-benefit analysis of application and implementation of selected technologies, develop plan for Navy-wide implementation of selected technologies.
- Provided support for environmental life cycle cost analysis for Navy weapons system programs.
- Provided systems acquisition policy support and planning.

Chief Aviation Support Equipment Technician

January 1978 to January 1996 Company Name

- Air Warfare), E-7 (RET).
- Managed Environmental and Safety Programs for Navy Management Systems Support Office Detachment Pacific and USS Forrestal (AVT-59).
- Performed waste stream analysis and implemented waste and source reduction procedures on Navy ships and installations.
- Managed Hazardous Materials program, tracked HAZMAT from purchase through its life cycle to TSDF, recycle, or approved landfill.
- Received commendation from Commander Naval Air Forces, Atlantic inspection team for outstanding management of HAZMAT program.
- Performed database administration and maintenance and supply functional analysis for the Naval Aviation Logistics Command Management Information System (NALCOMIS).
- Coordinated numerous major system hardware and software upgrades, performed functional testing and analysis of the system releases.
- As Implementation Team Leader, coordinated and planned deployment of NALCOMIS information system at various Navy and Marine Corps activities.
- Implementation included site survey to determine user needs and physical locations, procurement of hardware and software, installation of infrastructure, database development and tailoring, training of on site personnel, and monitoring of the new system.

Education

MS : Environmental Management , 1996 National University Environmental Management

BA : History/Government , 1991 Columbia College History/Government

Affiliations

International Council on Systems Engineering (INCOSSE) National Defense Industry Association (NDIA)

Publications

DoD-AIA Working Group's Progress on NAS 411-1, Hazardous Materials Target List Update, K. Gill, NDIA Systems Engineering Conference, October 2015. MIL-STD-882E: Eight Element Process Changes - Highlight the New Details and Requirements, K. Gill, NDIA Systems Engineering Conference, October 2012. MIL-STD-882E: Risk Acceptance Requirements and Scenarios, K. Gill, NDIA Systems Engineering Conference, October 2012. Educating the Workforce for Early Integration of ESOH into JCIDS and Systems Engineering, R. Mirick and K. Gill,

NDIA Systems Engineering Conference, October 2011 and NDIA Environment, Energy Security & Sustainability Symposium, May 2012. Safety in Naval Systems Engineering Technical Reviews (SETR), K. Gill and K. Thompson, NDIA Systems Engineering Conference, October 2010 and NDIA Environment, Energy Security & Sustainability Symposium, May 2011. Using MIL-STD-882D w/CH 1 to Manage Hazardous Materials, K. Gill, NDIA Systems Engineering Conference, October 2009. Acquisition Environment, Safety, and Occupational Health (ESOH) -DoDI 5000.2, K. Gill, NDIA Systems Engineering Division, System Safety Committee, Meeting, April 24, 2008. System Safety in Systems Engineering Tutorial, K. Gill, A. Stokes, S. Forbes, NDIA Joint Services Environmental Management Conference, May 17, 2007. Systems Safety - Systems Engineering Methodology for Managing ESOH Risks, K. Gill, Equipment Safety Assurance Symposium, UK Ministry of Defense, November 15, 2007. UK and U.S. Approaches to ESOH Management in Defence Acquisition Projects, K. Gill and S. Rintoul, Equipment Safety Assurance Symposium, UK Ministry of Defense, November 15, 2007.

Skills

AIA, business plans, hardware, content, Controller, cost analysis, clients, database administration, Database, database development, documentation, Fast, focus, functional, government, HVAC, inspection, Team Leader, Logistics, Mark, Materials, Office, MOD 2, weapons, Management Information System, Navy, Naval, NAS, Network, Occupational Health, personnel, processes, procurement, program management, progress, Proposals, research, risk assessment, Safety, scientific, Strategic, system design, Systems Engineering, technical support, Systems Support, technical writing, technical documentation, upgrades