

DAVID D. HAMBLETON
67 S. Howell St., Hillsdale, MI 49242
AAS Electromechanical Technologies, TS-SSBI State/Secret DOD

OBJECTIVE

My career will provide me growth personally and technically, allowing me to perform personally as well as coach, mentor, and train others in successful technological maintenance and maintenance management endeavors.

2005 - Present: Sr. Technical Support/Systems Engineer for EOIR WAN with Raytheon Technical Services Corp.

- I help people and things work together. As a systems engineer for the National Capitol Region – Integrated Air Defense/Regional Situational Awareness (NCR-IADS/ERSA) project, I am a problem-solver for everything from systems-of-systems to components technologically and logistically, and interpersonally from teams to individuals. Embedded with the military user daily, my team and I initiated and implement maintainability for this prototype sensor network as it is being assembled, deployed, and debugged by Massachusetts Institute of Technology's Lincoln Laboratories. I independently tooled-up and operate with minimal supervision, providing exceptional reliability of high-tech systems. These include integrated Commercial Off The Shelf (COTS) and military equipment, such as Electro-Optical/Infra-Red Sensors, Landline and RF (Point-To-Point) Telecommunications, Computer Networking, and Operations Center systems in a wide geographic area with exacting standards of performance in operability, accountability, and safety. My daily work involves interface with senior military maintenance controllers and operational commanders, senior corporate executive decision-makers, various government program and project managers, and engineers from equipment manufacturers, service providers, and both Raytheon sustainment specialists and the MIT prototype team. Tasking includes hands-on WAN sustainment with Linux, Windows, and Sun computers; Cisco routers; RF, Ethernet and Fiber Optic telecommunications, streaming high-resolution video; military and civilian Command and Control (C2) suites including Joint Air Defense Operations Center (JADOC); integrating the NASAMS missile system; and safely negotiating over 20,000 annual miles of congested Washington DC traffic. Achieved and maintained over 99.4% Operational Readiness for five years to present. Established calibration and alignment procedures for laser Visual Warning Systems, wrote field support requirements, and determined tool and test equipment norms for FSRs on the project. Coordinated with team members to draw definitive diagrams of each site, document all connectors and cables, and write descriptive narratives as troubleshooting guides and the ERSA Operations, Systems and Maintenance Manuals. I am consistently requested to smooth access and interaction issues with various site security and off-site engineering support for our FSR team, due to my "steadiness", tact, technical communication abilities and conflict resolution skills. I was hand-selected to research and prepare ERSA monthly reports for our program management office.

1986 – 2005: US Navy HISTORICAL POSITIONS: SUPERVISION AND LEADERSHIP

- Lead Technician - US Navy Leading Petty Officer for as many as 35 technicians maintaining multi-million dollar electronics suites encompassing Command, Control, Communications, Computers, & Intelligence (C4I); Airfield Electronics Suites and Control Towers; Satellite Communications; RADAR (Air Search, Surface Search, Precision Approach, and Fire Control); weather sensors and displays; navigation equipment; alarm

systems; remote controls and readouts; LANs, WANs and Telecommunication Systems; public address systems; display and teleconferencing systems; power assurance systems, weapon systems from hand guns to missile launchers; etc. Repeatedly recognized as Sailor- and Supervisor of the Quarter.

- Logistician – Supervised and managed normal maintenance budgets for electronic systems in excess of \$300K/yr and projects (shipyard overhauls) in excess of \$3M. On USS La Salle, I managed electronics suite work projects through 2 shipyard overhauls (both on time and under budget). I spent three years filling and supervising this role, with 60% of systems under management being COTS and/or prototypes, requiring use of non-traditional sourcing and acquisition methods for parts and services. These functions involved expediting transportation of high-tech civilian and military equipment internationally, researching and ensuring compliance with shipping regulations, interfacing with numerous countries' customs officials and shippers to achieve delivery – sometimes requiring exacting times with ship and aircraft schedules under movement orders.

- Calibration/Measurement Science – Managed all physical, electronic, and radiological calibration for the US Navy in the Mediterranean Area of Operations. Supervised the Type 3 Electronics Calibration Laboratory on USS Simon Lake, devising calibration methods, certifying procedures, and training technicians to produce zero-defect calibrations. Awarded Navy Achievement Medal for selection as Supervisor of the Quarter for the Maintenance Activity. Supervised ground-up quality audit of the US Navy RADIAC Calibration Laboratory in Rota, Spain by personal request of Commander NAVSEA08 (Naval Reactors directorate) for me to fill a role normally occupied by a far-senior individual based on my demonstrated performance, after a sub-standard inspection; producing a first-time-zero-major-defect re-certification.

- Communication – Highly professional and well-honed technical communication abilities with many years of experience making high-tech understandable and palatable for engineers, executives, technicians and operating personnel.

SEMINAR FACILITATION AND TRAINING: Over 25 years experience coordinating, developing, writing, delivering, and analyzing training and seminars on: Leadership, Communication; Technical Training programs; High technology electronic systems; Personal finance; Personal rights and responsibilities; Sexual Harassment; Safety; Quality Assurance; Standards; Compliance; and Contract Language

TECHNICAL WRITING: Conception, writing, and editing of many complex descriptive, standards, contracting, process, and specification documents including:

- ERSA Monthly Reports – summary for program management of activities from the Field Service Representative's perspective highlighting operational readiness, critical hardware failures, maintenance activities, safety, logistics, spares, and other activities and issues of importance related to the mission in the National Capital Region.

- The definitive descriptive troubleshooting guide for ERSA.

- Authored components of the ERSA Operating, Maintenance and System Configuration Manuals, and performed cover-to-cover technical and grammatical editing.

- Described the largest C4I suite in the world, combining subject matter expert inputs into a 500+ page Communications Electronics Diagrams And Warfighting Guidance Systems

(CEDAWGS), and accompanying 300+ page Standing Operating Procedures for USS La Salle. This was a disaster preparedness, recovery, and continuity of operations (CONOPS) guide with two master manuals for Electronics Damage Control and Secondary Electronics Damage Control, and excerpts in each space with sections relevant to systems in that area. It incorporated system start-up and troubleshooting guides, with installed power and signal cabling and operational requirements in order to “fight the ship” in the absence of subject matter experts who may be unavailable. (Normal ships have a system called CSTOM (Combat Systems Technical Operation Manual(s).) CEDAWGS was my name for this custom hand-made iteration for our exceptional (60% of systems on this sea-going command-and-control platform were COTS and many were prototype) ship’s configuration.)

- Multi-million dollar Land Mobile Radio maintenance contract proposal for all Mediterranean Area Navy installations at Naval Station Rota, Spain.
- A comprehensive 2-day classroom training program for systems maintenance (3M – Maintenance Materials Management) that replaced the Navy standard 3-month On-the-Job-Training process. This highly successful course was picked up and used by many units in the Atlantic Fleet to raise consistency, accountability, and performance in their maintenance.
- Quality Assurance Analysis for Ground Electronics Maintenance, Naval Air Station Rota, Spain for 1997 – 2000 (A performance report card).
- Command Assessment of Readiness and Training (CART I, II, and III) for USS LaSalle (A series of performance report cards) including managing tasking to meet each requirement.
- Maintained Smooth Log (records of benchmarks and standards for electronic systems) for USS La Salle, recognized with distinction by Afloat Training Group, Atlantic.
- Commercial product brochure including technical specifications and descriptive graphics of an optical stack gas analyzer for a manufacturer in Pensacola, FL.
- Comprehensive all-inclusive Standard Operating Procedures and Continuity of Operations Plans (Disaster Preparedness Plan) for Naval Air Station Brunswick, Maine.
- My book, “Old Salt, Yarns from the Fabric of Life At Sea”, a compilation of sailors’ stories and prose, published in 2006 by PublishAmerica, can be seen at <http://www.oldsaltweb.com>.
- Invited to provide technical conceptual input and initial draft of a \$40 million proposal for a rapid-deployment physical security sensor network for the Vancouver 2010 Olympics (VANOC) and future use for Raytheon Canada (RAYCAN). The smoothed proposal was “down-selected” by the customer to one of five final bidders, but was ultimately not bid by RAYCAN due to uncompensated and rapidly changing customer requirements.

SYSTEMS: Data Communications (WAN, LAN, IA, IS, etc.); NCR-IADS/ERSA; Joint Air Defense Operations Center (JADOC); Norwegian Advanced Surface to Air Missile System (NASAMS) missile handling, troubleshooting, maintenance. Navy systems include Computers, Command, Control, and Communications for Intelligence (C4I); Joint Maritime Command Information Systems (JMCIS); Global Command and Control Systems – Maritime (GCCS-M) [cross-platform operating systems LAN/WAN support from at-sea satellite to desktop or display panel for tactical (real-time) and strategic (historic) war fighting information]; Transmission Control Protocol/Internet Protocol (TCP/IP); Naval Tactical Data Systems (NTDS) Link4, Link11, and Link16; General Purpose Electronic Test Equipment (GPETE), Primary Measurement Evaluation Laboratory (PMEL) [microwave measurement science]; RADIAC Radiation measurement equipment calibration; Precision Approach RADAR (PAR); Automated Surface Observing System (ASOS); Micro-miniature Electronics Repair (2M – Microscopic component and circuit board repair); Transient Voltage Surge Suppressors (TVSS); Maintenance Materials Management (3M); HF, VHF,

UHF, and SHF Radios; Fiber Optics; Global Positioning System (GPS); Global Broadcasting System (GBS), Defense Satellite Communications System (DSCS); Siemens, FANUC and Parker-Hannifin (among others) controllers and Ladder Logic; smart uninterruptible power sources (UPS), power generators, converters and conditioners; HVAC and liquid multi-stage cooling mechanical systems; MS Office Professional; Cisco IOS, Vi Editor.

EDUCATION

In-process Excelsior College, Albany, NY

- Bachelor of Science in Electronics Engineering Technology anticipate grad. 6/2013

November, 2005 Cisco CCNA Bootcamp Arlington, VA

February, 2001 C4I Engineering SPAWARSYSCEN

June, 2000 Excelsior College Albany, NY

- Associate of Applied Science in Electromechanical Technologies

June, 1982 St. Cloud Technical College St. Cloud, MN

- Degree of Occupational Proficiency in Welding

September, 1981 US Army Corps of Engineers, Fort Leonard Wood, MO

- Light Wheeled Vehicle Power Generator Mechanic

INTERESTS

Writing, travel, history, cuisine, fishing, restoration craftsman in all trades.

NOTES

- Repeated Team and Individual Achievement Awards from military commanders and Raytheon in present role.

- CompTIA Network+ 2009 Objectives Certified (2011)

- CompTIA A+ Certified IT Technician (2007)

- Current Top Secret Security Clearance – January 16th, 2008, U. S. Dept. of State.

- Current Secret Security Clearance – June, 2006, DOD

- Tower Climbing Safety certified

- Crane Operations Trained by OSHA Approved Crane Operational Services, Inc.

- Ordinance and explosives handling certified.

- Six Sigma Specialist (Green Belt)

- Faultlessly managed a personal expense account exceeding \$3000.00/mo.

- Communicate in Italian and Spanish (not fluent, but effective).

- Contracting Officer's Technical Representative trained and experienced; recognized for excellence.

CONTACT

E-mail: hambleton@techie.com

Mailing/Work Address: 6412 Brandon Ave., Springfield, VA 22150

PHONE (703) 835-3114 FAX (413) 677-5045