

DAVID D. HAMBLETON

Top Secret Clearance (US Dept. of State, 16JAN08); DOD Secret – June, 2007

COMPTIA A+ IT Technician (2007)

AAS IN ELECTRO-MECHANICAL TECHNOLOGIES

OBJECTIVE

A meaningful career employing my proven communication skills, versatility, and broad technical knowledge.

EXPERIENCE – CURRENT POSITION

HIGH TECH WIDE AREA AIR DEFENSE NETWORK MAINTENANCE

- I help people and things work together. I am Raytheon Technical Services Company's primary troubleshooter, fixer, and field engineer of choice for the Homeland Defense Area 1 Enhanced Regional Situational Awareness (ERSA) project. Embedded with the military user daily, I initiated and implemented maintainability for this prototype sensor network as it was being assembled and deployed by Massachusetts Institute of Technology's Lincoln Laboratories. Independently tooled-up and operated with minimal supervision in providing exceptional reliability of integrated Commercial Off The Shelf (COTS) and military Electro-Optical/Infra-Red Sensor, Landline and RF (PTP) Telecommunications, Computer Networking, and Operations Center systems in a wide geographic area with exacting standards of performance in operability, accountability, and safety. Daily work involves Wide Area Network (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 Washington DC traffic. Achieved and maintained over 99.4% Operational Readiness for five years to present. Performed Missile Handling and Crane Operations infrequently but with zero-defect distinction, and safe tower climbs and work above 300ft. routinely and without discrepancy. As the team Subject Matter Expert, established calibration and alignment requirements and procedures for Visual Warning Systems, wrote field support requirements, and determined tool and test equipment norms for FSRs on the project. Successfully outfitted two team members with tools and test equipment for maintenance that contributed directly to our exceptional response times and system reliability factor. Drew definitive diagrams of each site, documented all connectors and cables, and wrote descriptive narratives as troubleshooting guides for overall NCRIADS/ERSA site-to-site and intra-site connectivity, laser-to-camera alignment, remote access procedures, hard disk drive and computer BIOS and SCSI RAID Array maintenance software tools, Class 3&4 lasers, and environmental control systems. Wrote and edited (technical and grammatical) the ERSA Operations Manual, ERSA Systems Manual and ERSA Maintenance Manual. Faultlessly managed a personal expense account exceeding \$3000.00/mo.

HISTORICAL POSITIONS: SUPERVISION AND LEADERSHIP

- US Navy Leading Petty Officer/Lead Technician 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.

- Repair Parts Petty Officer – Supervised and managed maintenance budgets for electronic systems in excess of \$300K/yr and projects (shipyard overhauls) in excess of \$3M. On USS La Salle, I worked through 2 shipyard overhauls (both on time and under budget) and 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 civilian and military equipment internationally, 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.

- 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 and re-certification of the US Navy RADIAC Calibration Laboratory in Rota, Spain.

- Provided metrics, managed projects, administered programs, researched and made recommendations like cost-benefit analyses, and spearheaded process improvements up and down chains of command; working well with civilian contractors, sailors from deck-plate technicians through and including senior military supervisors, and executive level civilian and military management.

SEMINAR FACILITATION AND TRAINING Over 25 years experience coordinating, developing, writing, delivering, and analyzing training on:

- Leadership
- Communication
- Training programs
- High technology electronic systems
- Personal finance
- Personal rights and responsibilities
- Sexual Harassment

- Safety – including Climbing/Working Aloft
- Quality Assurance (TQL/TQM)
- Standards, Compliance, and contract language

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

- The definitive descriptive troubleshooting guide for ERSA.
- ERSA Operating, Maintenance and System Configuration Manuals
- Described the largest C4I suite in the world in a 500+ page Communications Electronics Diagrams And Warfighting Guidance Systems (CEDAWGS) and accompanying 300+ page Standing Operating Procedures for USS La Salle.
- Multi-million dollar Land Mobile Radio maintenance contract for the Mediterranean Area at Naval Station Rota, Spain.
- A comprehensive 2-day classroom training program for systems maintenance that replaced the Navy standard 3-month On-the-Job-Training process.
- 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 performance report card).
- Maintained Smooth Log (all records of benchmarks and standards for electronics) for USS La Salle, recognized with distinction by Afloat Training Group, Atlantic.
- A four-page commercial product brochure including technical specifications and descriptive graphics of an optical stack gas analyzer in Pensacola, FL.
- Comprehensive all-inclusive Operating Procedures and Contingency 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, published in 2006 by PublishAmerica, can be seen at www.oldsaltweb.com. (They have since asked me to complete my first book, which is about adoption. I turned them down – this remains in the works.)
- Conceived and wrote a winning multi-million-dollar proposal for a rapid-deployment physical security network for the Vancouver 2010 Olympics and future use.

SYSTEMS: Data Communications (WAN, LAN, IA, IS, etc.); Homeland Defense Area One Enhanced Regional Situational Awareness system (ERSA); Joint Air Defense Operations Center (JADOC) and 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 Windows, UNIX, Linux, and specialty 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); 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, surface and subsurface soldering and circuit board repair); Transient Voltage Surge Suppressors (TVSS); Maintenance Materials Management (3M); High Frequency (HF); Very High Frequency (VHF); Ultra High Frequency (UHF); Super High Frequency (SHF); and Fiber Optic Inter-Site (FOIS) communications; Global Positioning System (GPS); Global Broadcasting System (GBS), Defense Satellite Communications System (DSCS); FANUC controls 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 Thomas Edison State College Trenton, NJ

- Bachelor of Arts in Communications

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

- CompTIA A+ Certified IT Technician (2007)

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

- Tower Climbing Safety certified

- Crane Operator Certified by OSHA Approved Crane Operational Services, Inc.

- Six Sigma Specialist (Green Belt)

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

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

CONTACT

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