

DAVID D. HAMBLETON
67 S. Howell St., Hillsdale, MI 49242
AAS Electromechanical Technologies, Secret DOD
(Bachelor Professional Studies Information Technologies – June, 2015)

OBJECTIVE

My career provides 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.

2013-Present: Systems Engineer in Communications and Electromechanical Product Support - Providing IP WAN (RF, Fiber Optic, and copper) communications and electromechanical engineering and maintenance solutions for air defense systems in the United Arab Emirates. Personally invited to remain after initial assignment performing Systems Integration and Check Out (SICO) test engineering to provide subject matter expert services for newly developed Ethernet-capable Mobile Antenna Mast Group - an electromechanical automatic-erecting antenna system.

2005 - 2012: Systems Engineer for EOIR WAN

Providing customer-facing hands-on maintenance expertise, test engineering, technical writing and editing, and break/fix services for an MIT Lincoln Laboratories prototype electro-Optical Infra-Red sensor, high resolution video, and interdiction device WAN feeding military and civilian operations centers.

Electronics Technician / Branch Maintenance Chief - US Navy

March 1986 - November 2005 (19 years 9 months)

Maintenance Management, logistics & leadership for up to 35 technicians in IT, communications, sensors, control mechanisms, and other electrical, electronic, data, and mechanical systems. Technical training, project management, technical writing and editing of extremely complex documents.

Steel Fitter - Globe Iron

November 2000 - February 2001 (4 months)

Print reading, positioning and tack-welding connecting brackets and plates, drilling holes, and placing welding markings on steel structural members for bridges and buildings.

TECHNICAL WRITING: Conception, writing, and editing of 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 afloat 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 and FAA Compliance 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.); UAE Patriot (PAC-III+) IP-Based Communications; Patriot Mobile Antenna Mast Group (MAMG); 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 Professional Studies in Information Systems Technologies, due in June, 2015

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)

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

- Current Secret Security Clearance, DOD

- Tower Climbing Safety certified

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

- Ordinance and explosives handling certified.

- Six Sigma Specialist

- 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

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