

Thomas Mayfield

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Objective

Currently hold an active DoD TS/SCI security clearance with 9 years of honorable military service in the US Navy working aboard nuclear submarines. Natural communicator and team leader with proven ability to motivate, energize, and lead to success. Calm and logical in stressful situations and fast-paced environments requiring focused decision making. Possesses expertise in analog and digital electronics systems as well as extensive supervisory experience. Seeking challenging opportunities in the following fields: field engineering, quality assurance, electro-mechanical technology, and IT network maintenance.

Security Clearance: Top Secret (Expiration 13APR2023). SCI Eligible.

Education and Military Training

- Intermediate Acoustic Intelligence Threat Evaluation - MAY 2016
- OK-276A/OK-542 Series Organizational Level Operations And Maintenance - JUN 2014
- Tactical Oceanography Employment - DEC 2013
- Sonar Technician Submarine ATT VTP-VIR - MAY 2012
- Sonar Technician Submarines (STS) Class A - JAN 2012
- Tactical Computers and Network Operator - NOV 2011
- Electronics Core Apprentice Technical Training - OCT 2011
- Enlisted Submarine School - JUL 2011
- Charles Page High School, Sand Springs, Oklahoma - FEB 2010

Technical Skills

TEST INSTRUMENTS	WORK CONTROLS	PLANNING WORK SEQUENCE	CIRCUIT SCHEMATICS
TAGOUTS	TROUBLESHOOTING	TECHNICAL PUBLICATIONS	PROCESS FLOW
MICROSOFT OFFICE	PROBLEM SOLVING	WORK AUTHORIZATION FORMS	CONFLICT RESOLUTION

Qualifications and System Expertise

- ARCI Phase 2 TI-02 ABP-01 4.D.7
- P.Q.S. 301, 302, and 303
- 2U and 3U ARCI Server Troubleshooting
- ECDWS and AAEC GIGE Switches
- Fiber Gigabit Ethernet (GIGE) – 1000Base-SX
- Copper Fast Ethernet – 100base-T
- Fiber Asynchronous Transfer Mode – OC-3
- Fiber Channel – 1GFC
- AN/BYG-1 Combat Control System
- OK-542/OK-276A Towed Arrays
- AN/BQQ-6 LEGACY Sonar System
- Advanced Sonar Operator
- SONSYM Reconfiguration and Error Recovery
- OK-542/OK-276 Towed Arrays

Experience

MK48 HEAVYWEIGHT TORPEDO TECHNICIAN, SENIOR QUALITY ASSURANCE INSPECTOR NAVY SUBMARINE TORPEDO FACILITY | 160 MAIN ROAD YORKTOWN, VIRGINIA 23690

| FEB 2017 - PRESENT

- Supervised hundreds of technical inspections of various parts of the torpedo ensuring strict adherence to provided inspection documentation. Coordinated divisional training, to include the evaluation of training needs to increase productivity and efficiency.
- Qualified Quality Assurance Inspector to inspect hundreds of MK48 Heavyweight Torpedoes during final preparations with zero deficiencies. Processed of over 540 war shot and exercise torpedoes on time or ahead of schedule.
- Performed receipt inspections, torpedo and torpedo group canning and un-canning, preliminary turnaround and forward section disassembly on Exercise and Warshot torpedoes. Installed and removed Exploders, Arming Devices, A-Cables and receptacles. Performed cosmetic repairs, Ready for Issue inspections, and Otto Fuel II priming operations on Warshot and Exercise torpedoes.
- Lead the work-center through yearly inspection with zero discrepancies noted. As a Quality Assurance Inspector, supervised several technicians ensuring the strict quality standards per technical manuals and local regulations were adhered to.

SONAR TECHNICIAN SUBMARINES, SONAR TRAINING COORDINATOR, OCEANOGRAPHY EXPERT USS NEVADA (SSBN-733) | 1035 TRIDENT BOULEVARD SILVERDALE, WASHINGTON 98315

| MAY 2012 – FEB 2017

- Managed a highly complex Lockheed Martin SONAR system consisting of "commercial off-the-shelf" Intel SCI classified server farm with both fiber optic and copper Cisco switches running a Red Hat Linux operating system. Knowledgeable on the operation and repair of AN/BQQ-6 and AN/BQQ-10 ARCI Phase 2 TI-02 APB-01 SONAR systems. Familiar with the operation of AN/BQQ-10 Full-Phase via shore-based training.
- Nominated to be the SONAR Training Coordinator, ensured 12 divisional and 3 senior executive personnel were properly trained. As a direct result of updating and streamlining training, SONAR division received high marks in submerged tracking and SONAR operations over the last 2 Tactical Readiness Evaluations, resulting in receiving a Navy Achievement Medal.
- As the senior divisional SONAR technician, was responsible for supervising all preventative and corrective maintenance of the SONAR equipment involving analog, digital, and mechanical systems allowing the ship to maintain operational tempo.
- Successfully troubleshooted and repaired the AN/BQR-22 Spectrum Analyzer and AN/BQQ-6 power supplies, ensuring that the command could meet its mission requirements. Replaced AN/BQQ-6 cathode ray tube monitors and isolated circuit card faults, utilized Interactive Electronic Technical Manuals to successfully troubleshoot and repair AN/BQQ-10 Phase II servers and Towed Array Sensors, resulting in receiving a meritorious citation from the Commander of Submarine Group 9.
- Managed ships ocean environment tactical aid system maintenance and daily updates supporting the mission of the ship through an ever-changing ocean environment. Conducted over 250 hours of critical updates which ensured the ship was able to optimize sensor employment to remain undetected during an extended nuclear deterrence patrol, resulting in receiving a Naval Achievement Medal.
- Performed damage control operations, demonstrated escape procedures utilizing hull structures and closures. Demonstrated knowledge of ballast and air systems. Performed ship security defense operations. Earning qualification in submarine warfare.