

Bob Tucker

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MARINE ENGINEER (MECHANICAL & ELECTRICAL)

--- Subject Matter Expert & 'Go To Officer' for Difficult Engineering Tasks ---

Solution focused with a proven track record of reducing the need for contractor assistance to rectify complex mechanical / electrical defects. Career hallmarks a record of career advancement based on proven capabilities, work ethic and exceptional troubleshooting skills. Offers 12-years' experience conducting planned and corrective maintenance across a broad range of engineering platforms and becoming a pivotal point for expert advice on all complex electrical defects and systems maintenance. Praised for commitment to work to deadline, communicating solutions, training and managing others, and a practical way of approaching issues and queries.

IMMEDIATE VALUE OFFERED

- **Achieved a 100% safety record** through a strong commitment to safe work practices. Fulfilled roles of the emergency response team (fire, flood and evacuation) at all levels, including the Officer in Charge.
- **Delivered time and cost savings by diagnosing and rectifying defects** on a variety of platforms, which eliminated the need to contract external contractors. Studied system manuals and drawings and worked collaboratively with teams to implement system improvements.
- **Gained trust and respect from a 30-crew team** through mutual respect, reliability, excellent team skills, effective performance recognition leadership and mentoring through industry expertise.
- **Confidently remedied system failures under high pressure situations.** As subject matter expert and senior electrical officer, charged with rectifying all complex electrical defects and maintaining engineering systems in extreme weather conditions (high heat and rough seas).
 - Identified and rectified leaks in the bilge de-oiler pipe work system within 12-hours despite limited stores support during deployment, eliminating the requirement to dock and allowing the ship to continue conducting patrols within the action area.
 - Investigated and resolved excessive high engine temperatures whilst maintaining a heightened state of ship readiness. Included effectively removing 33% of load supply during cooling plate cleans without disruption to ship power needs or burden on remaining generators.
 - As subject matter expert, called on to assist manufacturer tradesmen in identifying a defect cause that prevented a main propulsion diesel from accelerating. Identified issue and implemented solutions, which resulted in engine resuming normal operation.

EDUCATION & QUALIFICATIONS

Apprenticeship & Traineeship in Higher Engineering – Commissioner for Vocational Training (2010)

Leading Seaman Marine Technician – Australian Navy (2007)

Certificate IV in Engineering – Higher Engineering Trade – Australian Navy (2005)

Certificate II in Transport & Distribution (Marine Engine Driving) – Australian Navy (2005)

Certificate IV in Assessment & Workplace Training – Australian Navy (2004)

Certificate III in Engineering – Electrical/Electronic Trade – Australian Navy (2003)



Qualifications:

Marine Systems Controller Certificate
Marine Systems Manager Certificate
Machinery Watchkeeping Certificate
Engineering Harbour Watchkeeping Certificate
Marine Technician Auxiliary Machinery Operator Certificate



CAREER SNAPSHOT

Petty Officer Marine Technician / Supervisor, ROYAL AUSTRALIAN NAVY – Australia

Jun 1998 to Present

- IC ME03 High Power Systems, HMAS WATSON
- Main Propulsion Systems, HMAS WATSON
- Propulsion Systems Maintainer, HMAS WATSON
- Propulsion Systems, HMAS WATSON
- Hull Systems Maintainer, HMAS WATSON
- Technical Support (HQ Element), HMAS WATSON

13-years honourable discharge with 2 Commanding Officers Commendations & Active Service Medals

PROFESSIONAL EXPERIENCE SNAPSHOT

The above positions provided the opportunity to improve professional skill set across varying engineering platforms whilst working with a wide cross-section of individuals. Sharpened troubleshooting efficiency skills to match high volume engineering schedules.

Key Contributions:

- **Leadership:** Fast track promotion to Supervisory role to turn around poor working relationships with subordinates and address an increasing number of defects. Quickly re-established healthy working relationships and leveraged engineering systems knowledge to rectify defects.
- **Engineering Skillset:** Recognised for high level knowledge / understanding of engineering platforms and willingness to strengthen skills in key engineering watch keeper roles, resulting in the fast tracking of career.
- **Performance:** Gained an exemplary track record in rectifying and providing expert advice on all complex electrical defects and systems maintenance. Recipient of numerous awards and commendations:
 - Awarded two Commanding Officers Commendations for performing tasks above rank; leadership and rectification of faults; professionalism and devotion to duty; and diagnosing faults and instigating repairs on behalf of manufacturers and contractors.
 - Awarded Patrol Coastal Crew India Commemorative Award for demonstrating an exceptional level of expertise; selfless service; supporting peers; and maximising the availability of power distribution system to command during a demanding operational cycle deployment.
- **Staff Management:** Increased productivity for a 30-crew team by allowing workers to provide input into the work processes, including scheduling responsibilities, completing jobs, and using experience to complete tasks.

Key Strengths

- ☑ Electrical Fault Finding
- ☑ Distribution Control Systems
- ☑ Interpreting Electrical Drawings
- ☑ Occupational Health & Safety (OH&S)
- ☑ Shutdown / Isolation
- ☑ Fault System Diagnosis (Mechanical & Electrical)
- ☑ Personnel Management
- ☑ Training & Assessment
- ☑ Electrical Distribution Systems

"You [Bob] have consistently demonstrated an exceptional level of knowledge, a propensity for hard work, and a dedication beyond expectation."

Commander A.F. Rogers – Commanding Officer, HMAS Watson

TRAINING

Steyr F88 Rifle Conversion ★ LM2500 Gas Turbine ★ Marine Gas Turbine ★ Facilities Maintenance Management ★ Asset Management Planning System Procurement Automation ★ Fleet Maintenance Management Systems ★ ANZAC MCR Console Operator ★ Power Train Maintenance ★ Diesel Maintenance ★ Electronics Applied Skills & Technology Course ★ Sewage Treatment Systems



Unit Safety ★ Shore Fire-fighting ★ First Aid ★ RAN Swimming Test ★ OH&S ★ Equity & Diversity Awareness Training ★ Workplace Assessment

Strategy Explanation

This client came to me as he was wanting to transition from the Navy to a civilian role as a Marine Engineer. As a Marine Technician for the Navy, he had extensive experience on both mechanical and electrical platforms.

The first hurdle was demilitarising his resume and focusing on the use of keywords for the associated positions he was applying for. It also involved going through an extensive folder of certificates and training to select the relevant ones.

As he was a subject matter expert and the 'go to person' for resolving challenging engineering issues, I had this as his branding statement. I then positioned him as a solutions focused individual and concentrated the first page on the requirements for the position - safety, rectifying defects, ability to work well with teams, and holding of relevant qualifications, including the essential Watchkeepers Certificates.

On the 2nd page, I included his work experience. Instead of listing each individual position with achievements, as he constantly went from one to another depending on the issues (which could look confusing to an initial hiring manager), I created a career snapshot section and listed the individual roles under his main title.

I then followed this with achievements which demonstrated his ability to fast track his career, establish healthy working relationships with crew, rectify complex faults (even for contractors), and a willingness to strengthen his skills. These accomplishments were supported by a quote from his Commanding Officer.

The key strengths box was another avenue to highlight keywords whilst also demonstrating his strengths.