

Gibson Marine Electrical Ltd.

Practical, reliable, North East, UK-based.

Experience

Gibson Marine Electrical Ltd. @

Dec 2025 -

Marine Electrical Commissioning and Installation Director / Marine Electrical Contractor (Full-Time) Tyne and Wear

I started Gibson Marine Electrical Ltd to offer electrical commissioning marine engineering support and technical services to vessel operators and industrial clients across the UK. I provide commissioning, FAT and SAT support, maintenance, diagnostics, fault finding and control system integration.

I also produce structured documentation like test records, maintenance packs and technical reports. I support mobilisations, refits, installation work and project delivery. I bring over 15 years of experience as an Electro Technical Officer and commissioning engineer.

My work covers PLC systems, power distribution, marine sensors, navigation and communication equipment and renewable powered instrumentation platforms. I work independently or alongside client teams with a focus on safety, clear communication and reliable problem solving.

Gibson Marine Electrical Ltd is built on providing dependable technical support that keeps vessels operational and projects moving.

Osbit Construction, Commission and Testing Engineer (Full-Time)

Apr 2025 - Dec 2025 Port of Blyth, England, United Kingdom

Led the end-to-end commissioning of offshore equipment and integrated systems, from planning and execution through to client handover and full documentation. I work as part of cross-functional project teams to: - Develop and manage commissioning strategies, procedures and schedules - Define test requirements and author technical documentation for subsystems and complete systems - Coordinate integration and performance testing across electrical and control disciplines - Troubleshoot complex issues, applying innovative solutions to unique engineering challenges - Redesign critical components, such as pods, to enhance system stability and operational efficiency - Ensure all activities adhere to safety regulations and industry standards - Drive continuous improvement by staying current with industry developments and best practices

Pacific Nuclear Transport Limited

Nov 2022 - Apr 2025

Electro-Technical Officer

 Developed a new Health and Safety Observation system, automating report generation and significantly reducing manual labor. System uses Microsoft Forms with Power Automate to send emails and EOM reports. System has been designed for future updates and integrations with other systems. • Managed high-stakes projects, including defect resolution on critical electrical systems. • Led quarterly improvement meetings to enhance ship capability and management systems.

Royal Fleet Auxiliary

Sep 2014 - Aug 2022

Systems Engineering Officer (ETO)

8 years spent in the RFA primarily on tankers. Experience gained on ships built in the 70s, 90s, 2010s and 2018 from basic principles to complex automation systems. Towards the end of working for them, I started to specialise in Power Managment Systems, Switchboard Control/Protection and Motor Control Systems. This is where my specialist interest primarily resides. • Managed electrical distribution and generation systems on the new Tide Class ships. • Authored "Handover Notes" for new ETOs, streamlining onboarding and enhancing performance. • Key player in operational repairs and crisis response during FOST (Fleet Operational Sea Training).

Subsea7 Electro Technical Officer Cadet May 2013 - May 2014

Lerwick, Scotland, United Kingdom

During my time at Subsea 7, I worked as an ETO Cadet and gained valuable experience in the fundamentals of electrical work. This experience allowed me to develop essential skills such as time management, defect investigation and reporting.

GLOBAL MARINE SYSTEMS (VESSELS) LIMITED

Sep 2011 - Apr 2013

Electro Technical Officer Cadet

During my time at Global Marine Systems Limited, I worked as an ETO Cadet and gained valuable experience in the fundamentals of electrical work. This experience allowed me to develop essential skills such as time management, defect investigation and reporting.

Procter & Gamble Technical Staff

Jul 2010 - Jan 2011

Newcastle upon Tyne, England, United Kingdom

Technical Member for Electrical Maintenance of Industrial Equipment. Primarily carried out maintenance of Industrial Washing Machines and Control Systems.

Education

South Shields Marine School

May 2014 - May 2014

Certificate of Competenece

ETO COC III/6 - MCA South Shields

Brittania Royal Naval College

Jun 2017 - Sep 2017 Naval Officer

I underwent approximately four months of Basic Royal Naval Officer Training while serving as an RFA officer, with the aim of gaining experience as an RN officer. Although I did not earn any formal qualifications during this period, I attended the training as part of my RFA introduction. This was an interesting period of learning the traditions of the RN.

South Shields Marine School

Sep 2011 - May 2014 Foundation degree

As an ETO Cadet, I attended the BEST College in the UK for Electro-Technical Officer Training. During my time there, I had the opportunity to meet lecturers who had served in the MOD, RN, and other industry services. Their personal experiences provided me with valuable insight into potential career paths. Moreover, the hands-on experience I gained with motors, HV, and switchboards during my time at the college proved to be immensely beneficial.

Newcastle College

Jan 2007 - Jul 2010

Foundation degree

From an early stage, I knew that I wanted to pursue a career in technology. When it came to deciding between mechanical and electrical engineering, I found that electrical engineering resonated with me more. Ultimately, this realisation led me to choose a career in electrical engineering. I gained an insight for automation which as part of the final report, I created a basic automation of a brewery (on-site) using a mixture of Siemens and Allen-Bradley PLCS. This was challenging and fun. One day I will return to control engineering.

Newcastle College

Sep 2007 - Sep 2008

National Diploma

EDEXCEL Level 3 BTEC National Diploma in Electrical/Electronic Engineering - Triple Distinction

Electro-Technical Officer

Certifications Maritime and Coastguard Agency Mar 2014 - Jun 2029