



HALLIWELL

GRAHAM SELLERS

BEng MSc CEng MIET MIEpE

**SENIOR ASSOCIATE, ELECTRICAL ENGINEERING,
FORENSIC FIRE INVESTIGATION**

EXETER, UK

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SPECIALTIES

- Fire Investigation
- Marine Explosion
- Renewable Energy
- Explosion Investigation
- Marine Engineering
- Power Generation
- Marine Fire
- Electrical Engineering
- Litigation Experience

BIOGRAPHY

Graham joined the Halliwell Forensics team in September 2023 after three years as an Associate with Geoffrey Hunt & Partners. He has conducted numerous investigations which have included electrical faults and failures; fires, both commercial and domestic; blast investigations; and electric shock incidents. He has provided evidence on electrical, explosive and fire safety issues in several large industrial disputes, including giving oral evidence at the International Dispute and Resolution Centre as an expert witness. He has prepared CPR 35 compliant reports and has successfully completed a number of Bond Solon training courses for expert witnesses.

Prior to this, Graham had a successful career in the Royal Navy as an Engineer Officer, included acting as Fleet Weapon Engineer in the Royal Navy of Oman. Tasks included investigating all ship related incidents, including fires, blast damage and flooding. As the Royal Navy's Fleet Explosives Officer, he conducted all investigations into explosive and gunnery related incidents both at sea and ashore. He has managed teams of up to 65 technicians working as service engineers, and project managed the sale of two minehunters to the Lithuanian Navy for £55M.

Graham is a Chartered Electrical Engineer and holds a Bachelor of Engineering degree with Honours in Electrical Engineering and a Master of Science degree in Explosives and Ordnance Engineering. He has completed a Post Graduate Diploma in International Defence Studies and is trained in public relations. He has completed the NAPIT electrician's competent person course and City and Guilds courses in the requirements for electrical installation and building regulations for electrical installations.

QUALIFICATIONS

BEng (Hons) - Bachelor of Engineering, Royal Naval Engineering College –1990

MSc - Master of Science in Explosives and Ordnance Engineering, University of Cranfield – 2000

CEng - Chartered Engineer – November 1996

City & Guilds Building Regulations for Electrical Installations – 2393, November 2019,
Requirements of Electrical Installations (18th Ed) BS7671 – 2382 November 2019

NAPIT - Electrician's Competent Person course - November 2019

CUBS - Cardiff University Bond Solon Expert Witness Certificate – January 2023

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SENIOR ASSOCIATE, ELECTRICAL ENGINEERING, FORENSIC FIRE INVESTIGATION

INDUSTRY CERTIFICATIONS, LICENSES AND MEMBERSHIPS

- MIET - Member of the Institution of Engineering and Technology
- MIExpE - Member of the Institute of Explosives Engineers

PROFESSIONAL EXPERIENCE

- Halliwell, Senior Associate
- Geoffrey Hunt & Partners LLP | Consulting Engineers & Scientists, Associate
- Royal Navy, Engineer Officer

REPRESENTATIVE ASSIGNMENTS

Consulting Forensic Engineer

Specialising in electrical faults and failures; fires, explosions, and explosives investigations; electric shock.

Recent work has included: investigation of flashover incidents on High Voltage equipment, input into contractual disputes involving electrical issues on process plants, construction of power stations and the construction of gas production facilities. Investigations of industrial and domestic fires and electric shock. Investigation involving product liability claims.

Senior Engineer in Fleet Staff of Royal Navy of Oman

Responsibilities included investigating the causes of serious ship incidents including fires, blast damage and flooding as well as supporting contractual negotiations and claims following the supply of new vessels to the Royal Navy of Oman.

Project Manager for refurbishment and sale of two ex-Royal Navy Minehunters to Lithuanian Navy for £55M, including the fitting of a new mine hunting system. Involved in negotiations up to Ministerial level and agreeing changes to package with both customer and sub-contractors as well as leading trials and acceptance process.

Fleet Explosive Safety Officer, responsible for conducting all investigations into explosive and gunnery related incidents, including flooding of magazines, personal injury and inadvertent firing or misfiring of weapon systems, both gun and missile.

Head of an Engineering department on two frigates, managing up to 65 personnel working as service engineers. Conducted investigations into causes of onboard fires and electrical and mechanical failures. Acted as UK steering group representative for setting technical standards for all NATO members.

Maritime desk officer for explosive and ordnance development for Defence Science and Technology Laboratory (DSTL) at Fort Halstead including leading studies into blast propagation and pyrotechnic design.

Extensive experience of technical report writing, providing written and oral briefs at board level and above, answering Parliamentary Questions and preparing briefs for Public Accounts Committee. Trained Public Relations Officer.