



A professional, chartered maritime & Safety Engineer with over 30 years Project Safety & Environmental experience within the UK MoD & Defence industry, working on a variety of projects, equipment & systems across the Land, Sea & Air domains and throughout the CADMID cycle. A Naval Architect and project engineer with 55+ years' experience within a varied & extensive defence technical project and safety background; an amicable, motivated & reliable professional with excellent communication & inter-personnel skills, & with a background of achieving personal & team targets. I now seek new, part time, safety engineering tasking opportunities within the Defence arena, working from home.

61 Ashbury Drive
Worlebury
Weston-Super-Mare
BS22 9QS

07801 841806 (M)
eric140253@gmail.com

Eric John Griffiths – BEng, C.Eng., FRINA, FSaRS, FIIRSM, MIMarEST, MIET

Curriculum Vitae

Linkedin: <https://www.linkedin.com/in/eric-griffiths-ceng-frina-fiirsm-fsars-mimarest-37b64325/>

Website: www.safetyengineeringconsulting.co.uk

Current Role (Part Time)

Safety Engineer	MoD NAD (ex DE&S) Eng Auth.	Surface Ships Safety Engineering Authority, providing expert safety engineering support to a variety of ships, ships systems, projects & teams.	Mar 2024 – Current
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Previous Roles (Mostly Full Time)

Principle Safety Engineer	Safety support to the MoD Defence Industry partners:	- IrvinGQ – DLF3b Ship's Decoy System. - SDE – MoD Land System Safety Transfer Documentation Review. - Explo - T31 Mission System (Thales). - SDE - MoD DEEAMS - logistics management system. - Babcock – Dreadnought ashore systems. - HR4 – Cyprus Mil Police Support Vehicle. - Wippendell – T31 Helo Start System & Dreadnought busbar system.	May 2022 – Mar 2024
Principle Safety Engineer	BAES Maritime, Portsmouth	Support to BAES Maritime Services, Engineering Group, producing a Hazard Log & providing Safety Engineering deliverables to the T45 SV-CAMM project.	Oct 2021 – Apr 2022
Principle Safety Engineer	BAES Submarines, Filton, Bristol	Support to BAES Submarines by providing revised SMS & associated deliverables to the Combat Systems team.	Jun 2019 – July 2021
Safety Engineer	MoD, MAWS PT, AW, Bristol	Supporting S&E aspects of ship guided weapons projects SV & SV-CAMM towards Main Gate approval. Writing SCR & SMPs, reviewing eCassandra HLs.	Nov 2019 – Mar 2020
Safety Manager	MoD CBRN DT, AW, Bristol	Re-writing a major revision of the DT SEMS plus a variety of equipment SCRs & HLs. Producing SEARs for specific equipment issues. Mentoring project engineers.	Oct 2018 – Oct 2019
SALUS Senior Safety Engineer	T26 / MIFS PT BAES, Filton MoD	- Providing expert safety advice via the MoD Maritime SALUS scheme: - T26 GCS - Safety Engineering Support. - MIFS PT – Review of OEM Haz Log & Safety docs for the new Medium Calibre Gun for RN surface ships - RCOPV B2 PT - Support to OPV2 Safety Document production	May 2017 – Apr 2018
System Safety Engineer & Manager	Edif ERA (Now RINA), Keynsham	Senior Maritime S&E consultant providing expert safety input: - Support Safety Manager within the T26 GCS PT at BAES, Filton. - Conducting a programme of T26 Ship Evolution HIAs - T26 GCS Safety Manager & Safety Acceptance Authority - Dreadnought Towed Array Handling System S&E documentation	Jun 2014 – Apr 2017
Project & Safety Engineer	Torpedo, TLAM & Harpoon (TTH) PT, (MoD, AW)	Support to Spearfish on project, safety and environmental aspects of the weapon in-service phase, specifically Otto Fuel and Sulphur Hexafluorine (SF6) gas, RAs & TLMPs	Nov 2013 – Jun 2014
Safety Engineer	Osprey CSL	Review TACC & SACC safety documentation, SCs & Haz Logs, to DS 00-56	Feb 2014 – Jun 2014
Senior Safety & Reliability Eng	Messier-Bugatti-Dowty (SAFRAN), Glos.	Member of the Safety & Reliability cell supporting civil & military aircraft landing gears. Use of knowledge in FMEAs, FTAs, GSN & Reliability Eng. Work to ADP-4761, EASA CS25, FAR Pt25 and Airbus standards.	Feb 2012 – Oct 2013
System Safety Engineer	System Design & Evaluation (SDE) Ltd. (MET PT, MoD)	Preparation & facilitating of Hazard Identification & Assessment meetings for qty 20 RN Ship/Sub systems to MoD MET customer requirements. Production of the updated Safety Case Report to DS 00-56 and JSP430. Updating the MoD MET Haz Log Database with the review results	Jun 2012 – Jul 2013
System Safety Engineer	Lockheed Martin (IMOS, AW Ltd, Yeovil)	Assessing incident reports (ASORs) & updating the CASSANDRA Hazard Log & FTA model of the Merlin Safety Case with the results. Design, production & presentation of written monthly Safety reports to management & MoD customer.	Jan 2011 – Feb 2012
Safety Manager	MoD, M&GS PT (MoD Foxhill, Bath)	Update & implement the PT SEMS on Medical Equipment procured and supplied to the UK military. Complete review and re-write of the S&E documentation and managing the acceptance process to tight timescales. S&E education of the PT with regard to Project Safety aspects. Production of 4 SEMP's and 40 SECRs & Hazard Logs for legacy and new projects. Working within Sea, Air & Land domains and to DS 00-56, POSMS & POEMS & JSPs 430, 454, 553 375	Oct 2009 – Oct 2010
System Safety Engineer	MBDA (Filton, Bristol)	Working on the PAAMS missile system. T45 system safety integration, incl. requirements review (DOORS) and compliancy tasks. Extensive data gathering, report writing & customer/MoD liaison.	Aug 2008 – Sep 2009

I retired from the MoD in Mar2008; since then working as a Safety & Environmental Engineer & Manager into the defence industry.			
Helicopter/Ship Air Interface (SAI) & Safety Manager.	MoD, Merlin IPT (MoD, AW)	Responsible for all Merlin Helo/Ship Interface & S&E aspects. Executive liaison between the RN, contractors, current & future platform IPTs, QinetiQ, sponsor branches, RTSAs and Customer, on all S&E aspects and aircraft integration onboard RN, NATO and other ships, incl. aircraft SHOLs, restraint & handling, PRISM AHS & HIFR Safety Cases plus all helo Interface SCs. Production of ship interface Safety ICDs, IBAs & creation of stand-alone SCs (eg: HIFR, X-Decking, ASSE). Tasking of specific ship interface safety work packages. Understanding of Cassandra, DOORS, POSMS/POEMS; Mil Std 882, JSP430, DS 00-56	Apr 1999 – Mar 2008
Project & Safety Management	MoD, Underwater Sensors & Weapons. (MoD, DGUW Weymouth & Portland)	Project/Procurement/Safety Management on a variety of equipments from a number of underwater sensor and weapon systems: - Underwater sensors - Ship SONARs, Helicopter dunking SONAR; - Weapons - Torpedoes (Tigerfish, Spearfish), TLAM. Management, including safety aspects, of the sonar trials facility at Staines reservoir. Production / review of trials safety assessments, maintenance of the range safety documentation	Apr 1984 – Apr 1999
Concept Engineer/Design Draughtsman/ Work Study Eng	UK MoD (Various locations)	On completion of my apprenticeship my career was guided by the requirement to increase technical, engineering and management experience at a number of MoD locations. On completion of my time at AUWE Helston I started the Project, Procurement and Safety Engineering phase of my career	Aug 1973 – Apr 1984
Technician Apprentice Constructive)	UK MoD (HM Dockyard, Devonport)	4 year technical apprenticeship taking in all the aspects of ship construction and repair over the whole range of RN platforms; metal/wood/fibre-glass treatment, forming and application; misc systems - pipework, vent, etc., etc., plus engineering design and technical management techniques, combined with theory in the form of an ONC/HNC + Endorsements (BEng equivalent)	Aug 1969 – Aug 1973

Technical Qualifications

1971	ONC Naval Architecture & Shipbuilding	Devonport Dockyard Tech.Coll.
1973	HNC Naval Architecture & Shipbuilding	Plymouth Polytechnical College (Now Plymouth Uni)
1974	HNC Endorsement - Industrial Engineering	Bath Technical College (Now Bath University) (BEng. equiv)

Academic Qualifications

1969	GCE "O" Level: Eng. Lit., Maths., Biology, Chemistry, Physics, Art; CSE Gr1 French	Llandeilo Grammar School, Llandeilo, Carmarthenshire.
1970	GCE "O" Level: English Language	Devonport Dockyard Tech.Coll.

Professional Memberships

2019	Fellow	Royal Institute of Naval Architects	FRINA
2025	Fellow	Safety & Reliability Society	FSaRS
2024	Fellow	International Institute Risk & Safety Management	FIIRSM
2016	Member	Institute of Engineers & Technicians	MIET
2019	Member	Institute of Maritime Engineers, Scientists & Technicians	MIMarEST
2021	Chartered Engineer	Engineering Council	C.Eng

Main Safety Courses Attended (Full CPD list separately available)

11/2019	RINA Maritime Safety Workshop	1 d	03/2004	Rotary Wing Module (Helo Safety)	1wk
02/2015	EDY 2.5 BAE Safety Management	1 d	11/2003	SSMO Safety Course Pt3	1wk
02/2015	EDY 2.6 BAE Enviro. Management	1 d	07/2003	Leadership/Assertiveness	1wk
07/2013	Isograph FTA Course	2 d	04/2003	System Safety Tools & Techniques	1wk
04/2007	Royal Navy Helo Safety Course	1wk	11/2002	SSMO Safety Course Pt1 & 2	1wk
03/2007	Safety Leadership & Development	1wk	04/2002	Systems Safety Foundation	2d
01/2007	Communicating Safety - Managers	2d	09/1999	Risk Seminar	1d
02/2005	Safety Airworthiness for Military A/c	1wk	08/1999	Equip. Safety Man. Seminar	1d

Personal Information and Attributes

Status	British Citizen by birth	Interests/ Hobbies	Rugby Union (ex Referee), Swimming, Classic Cars, Military History, Grandkids, Model Railways
Born	Plymouth, Devon, UK	Attributes	Security Cleared (SC) (PV expired) - Since 1969, renewed Oct 2017 for 10 yrs; Full Clean Driving License (1975); CRB / DBS Checked.
DOB	14 Feb 1953	Personal	D of E Gold Award, Outward Bound (M221), Blood Donor (120+),
Marital Status	Married (51 yrs)	Achievements	First Aider (30+yrs)
Children	Laura (44), Darran (42)	Armed Forces	Ex Armed Services Reserve (ROC) (73-93)
Grandchildren	6		