



## R W K GARDINER RGN MSc

**Bob Gardiner, a consultant in the offshore oil industry, has wide experience over a multidisciplinary field. As can be seen from this résumé, there has been a regular programme of education/training undertaken throughout his career, ensuring that attitudes and information are refreshed:**

- \* Company representative, manned underwater operations, HSE advisor;
- \* On NORSOK committee dealing with standards of diving in Norway;
- \* Represents Marathon on OLF [sub-sea committee](#);
- \* Chairman of OLF workgroup on noise in diving;
- \* Human factors/ergonomics (incl: control room design, noise, light, DSE, manual handling, etc.)
- \* Conference paper referee for Ergonomics Society
- \* HSEQ<sup>1</sup> management;
- \* Offshore occupational health & safety;
- \* Lecturer, producer of training material, written and film;
- \* General and offshore nursing;
- \* Expert witness;
- \* Technical author and proof-reader.

**Nationality** British

**Email** [bobgardiner@eclips-uk.com](mailto:bobgardiner@eclips-uk.com)

**Qualifications:** [MSc. Human Factors in Manufacturing Systems](#)

**Lead Auditor ISO 9001** (Certificate 99073-52614 BSI)

**ISO 9000:2000 Series Auditor Transition** (Cert 105441 – 67315)

**Registered Nurse (UK) and its equivalent Godkjennt Sykepleier (Norway)**

(Registered with United Kingdom Central Council and Fylkeslegen I Akershus)

**National Certificate in Occupational Health & Safety** (NEBOSH Certificate No C28841)

**Life Support Technician - Saturation Diving** (IMCA Certificate 59)

**Offshore Medic Certificate** (Certificate N° 9180)

**Competent Noise Auditor** (Certified as per Noise at Work 1989 Regulations)

**Languages** English  
Norwegian (moderate)

### Experience

#### Current

**Diving HSE advisor to Marathon Oil** – Alvheim field development, including application for consent (granted July 2006), contractor liaison, offshore rep duties, auditing. Working on the Volund field development.

Also: Document writing for Riise Underwater Engineering;  
Reviewing papers for the Ergonomics Society

**Director of Deep X**, a consulting and development company in Norway.

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<sup>1</sup> Health, Safety, Environment and Quality

- Previous** **Producer and medical adviser** of a diver medic training film (Neurological Assessment of a Diver) for IMCA
- Lecturer, Norwegian Underwater Intervention (NUI A/S)**, Bergen. Organised training programme for Assistant Life Support Technicians. Nov 2003 – March 2004
- Technical supervision of working environment compliance for Subsea 7**, Aberdeen. (Ergonomics, noise, light on DSV Pelican)
- Company Representative (Dive Rep) - Manned Underwater Operations, ExxonMobil (Esso)** Ringhorne Jurassic Project 2003. Spool tie-ins (Ringhorne) and flexible riser pull-in work (Jotun A). Writing 'Application for Consent', and liaison with NPD
- Medical/Diving/HSEQ** **Health Service Co-ordinator, Technip (CSONOR)**. Frigg/Frøy abandonment for TFE. CSO Seawell 2002.
- HSEQ Co-ordinator, DSND**, Pelican Norway Project 2001-2002. Preparing vessel for Norwegian operations.
- Health Service Co-ordinator, Coflexip Stena Offshore Norway**. Preparation work for Elf, BP and Statoil contracts on CSO Seawell. (Nov 2000 – April 2001)
- Hyperbaric Nurse** (Norwegian Regulations) for offshore phase of the above projects on **CSO Seawell**, saturation diving and ROV operations. (May/June)
- HSEQ Co-ordinator, Stolt-Rockwater Joint Venture**, April 1999 – June 2000 (A Stolt Offshore/Halliburton frame contract with Statoil providing sub-sea engineering and contingency intervention services – primarily for pipelines, hot taps and tie-ins, but including ROV services and general diving operations)
- Nurse, BP Ula Platform, Norway**. Fabi Partner A/S, Stavanger.
- HSEQ Co-ordinator** for Ekofisk II Alliance, Stavanger and CSOL Aberdeen. Included, health & safety compliance and system verification (DESIGN audits). 1998
- Medical and Safety Officer**, Seaway Falcon, pipelay barge, North Sea and west Africa.
- Life Support Supervisor and medic/nurse** on various sites, including Seaway Pelican, Seaway Condor, Seaway Osprey, Seaway Falcon, (Stolt), Kingsnorth UK (Rockwater), Uncle John and Shearwater Topaz (Comex).
- Medic, Helicopter Co-ordinator, LSS**, MSV Amethyst, Magnus
- Hyperbaric Oxygen Therapist**, Lakeside Clinic, Sevenoaks.
- Medic** for Offshore Medical Support, CSO Seawell.
- Research/test dives** (LSS for air saturation and deep welding) at Norwegian Underwater Institute
- Nursing**, Yorkshire Regional Nursing Service at University Hospitals, Leeds.
- Lecturer** at **Norskedykkerskole** (Norwegian Diving School).
- Human Factors** **Consultant Ergonomist, Buckingham Human Factors**. Includes Halliburton SS, (Toisa Polaris, Semi 2 and Regalia). Fabi Partner (Petrojarl 1 FPSO Golar Nor), SubSea Offshore (Dive Control Room Design - Toisa Polaris). Coflexip Stena Offshore Ltd (Dive, Sat & Doghouse Control Room, CSO Seawell, PAWS Welding Habitat and WADS Control Room. Noise audits on PAWS and CHAS habitats), Stolt Offshore (Noise Audits on Seaway Falcon and workplace assessment, National Hyperbaric Centre), SCS A/S (Control Rooms – Seaway Eagle and Discovery). QE Hospital, Nottingham, (Restaurant and Cashier points). Lighting audits on CSO Seawell. CSO (Display Screen Equipment Assessor). North Sea Medical Centre (DSE workplace design).
- Department of Manufacturing Engineering and Operations Management**, Faculty of Engineering, Nottingham University.
- Ergonomics research**, Rockwater Ltd. (MSV Regalia)
- Project Co-ordinator, ergonomics audits**, Ship Management Division (SMD), Stolt Comex Seaway (SCS) Haugesund, Norway.
- Human Factors Group**. Various work including organising Human Factors Workshop at NHC, Aberdeen, 1991, and writing of relevant discipline manuals, etc. On working group for, apart from general development, the **ergonomic** design of diving system for Seaway Pelican.

- Sundry**      **PR work for DSND**, Kursk nuclear submarine recovery project, media and PR work (press releases, civic reception for Russian naval officers, presentation material for HSE meeting and NUI Seminar, etc.)
- Lead Auditor, IMCA<sup>2</sup>**, diver medic training school audits.
- Human Factor** studies for Troll Field Project – Norske Shell, Bergen.
- Expert witness service** (High Court, London), Douglas Mann & Co., Furnival St., EC4.
- Preparation of legal reports** for Smith Denton Associates, Yorkshire
- Visiting lecturer, Nottingham University**. School of Manufacturing Engineering and Operations Management. **Khazar University**, Baku, Azerbaijan.
- Noise auditor** for WGH Ltd (National Railway Museum, York)
- Proof reader** for Statoil, Stavanger and Norsk Teknologisenter (NORSOK Standard U-100)
- Work on **QA** system documentation for Diving Department, SCS Stavanger.
- Preparation and writing of **diving medical manual** for SCS Haugesund.
- Assessment of QA Non-conformances for Stolt Offshore (SMD), Haugesund
- Commercial photography** (Sales brochure work for Acorn Venture Ltd, Encounters Europe and Blue Moon Charters)
- Proofreading and technical authoring.**
- 1981 - 1983**      **Managing Director**, Medicor Ltd. Medical supplies and emergency medical training company. This company supplied equipment and advanced first-aid kits to the offshore diving industry and trained divers and associated personnel in practical advanced paramedic skills.
- 1975 - 1981**      **LSS / LST / Medic / Nurse** on various worksites for Seaways, Comex, IUC and Sub Sea International
- Before 1975**      **Charge Nurse** in operating theatres, including cardio-thoracics, neurosurgery and orthopaedics. Followed by **clinical trial management** with Ethicon Ltd, Edinburgh (suture materials, dura patches, etc.)

## Education and Training

University	Nottingham University, Faculty of Engineering
Training	The Royal Infirmary, Sheffield (Now known as The Hallamshire Hospital)
School	The Royal School, Wolverhampton, Staffs.

<b>Courses</b>	2008	Work Permit and Safe Job Analysis (OLF – Trainingportal)
	2007	PASS Safety Training, Acergy
	2006	Behavioural Safety Course (Keane), Oslo.
	2005	Offshore Survival & Fire Fighting, HOTA <sup>3</sup> , Hull
	2004	High Quality, High Performance (DDI), Marathon, Stavanger
	<b>2004</b>	<b>ISO 9000:2000 Series Auditor Transition (BSI)</b>
	2003	Esso Norge (ExxonMobil) HSE Training (Boxer).
	2002	New Norwegian Health and Safety Regulations - RVK, Handelshøyskolen BI, Oslo.
	2002	Air Pocket Dry Trainer User
	2001	Offshore Rig Medic recertification training, STORM <sup>4</sup> , Hull, Scunthorpe and Bradford.
	2000	Automatic and Manual Defibrillation, Scunthorpe
	2000	Environmental Awareness, Halliburton, Norway
	<b>1999</b>	<b>ISO 9001 Lead Auditor, British Standards Institute</b>
	1999	Export Administration Regulations – Export Control and Licensing

<sup>2</sup> International Marine Contractors Association

<sup>3</sup> Humberside Offshore Training Association

<sup>4</sup> Statutory Training for Offshore Rig Medics

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- 1998 Noise at Work, Competent Persons Course, Castle Group, Scarborough**  
 1998 Gas Chromatography (3400 GC Operation) Varian Ltd, Analytical Instruments.  
 1998 Norwegian Safety Delegates Course<sup>5</sup>, Petroleum Training Institute  
 1997 Offshore Rig Medic recertification training, STORM, North Sea Medical Centre, Gorleston.  
 1997 Risk Assessment, National Hyperbaric Centre, Aberdeen.  
 1997 NEBOSH<sup>6</sup> National General Certificate, University of Portsmouth.  
 1996 Du Pont STOP<sup>7</sup> for Supervision  
 1996 Marketing - business skills seminar, North Yorkshire TEC  
 1996 COSHH<sup>8</sup> Assessment & Manual Handling Workshop  
**1996 MSc Human Factors (Ergonomics), University of Nottingham.**  
 1993 Diving Medicine, University of Dundee.  
 1993 Editing and Proofreading, Freelance MS, Bournemouth.  
 1992 Microsoft Project, Stavanger, Norway.  
 1990 Personnel Management (Medarbeidersamtaler), SCS, Haugesund, Norway.  
 1989 Norwegian, "Grunnleggende Norsk".  
 1989 Diving Medicine/Advanced First Aid, North Sea Medical Centre, Gorleston, Norfolk.  
 1989 Middle Management/Leadership (Mellomlederkurs), SCS A/S, Haugesund, Norway.  
 1982 Advanced Practical Training, Accident & Emergency Dept. RI Edinburgh.  
 1980 Microbiology (Bacteriology & Mycology), Western General Hospital, Edinburgh.  
 1975 Offshore Medicine/Advanced First Aid, Aberdeen Royal Infirmary  
 1975 LST<sup>9</sup> Course (7 weeks), Comex Diving, Aberdeen  
 1971 Post-graduate diploma, Operating Theatre Management, Sheffield  
 1970 Sports Diver, British Sub Aqua Club.  
**1969 General Nursing, United Sheffield Hospitals**

**Certificates** Offshore Survival Certificate, inc OLF (FOSET/0511/30124) - expiry 16.05.13  
 (includes 'air pocket' underwater training)  
 Safety Course Certificate N<sup>o</sup> 8715, (Leiro II, Parts 1, 2 & 3)  
 Norwegian medical certificate - expiry 21.06.11  
 Esso in-company safety training (Boxer course) 27.01.03  
 Air Pocket Dry Trainer User Course N<sup>o</sup> 30482, 10.06.02

**References** Names can be provided on request, depending on area/subject required.

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<sup>5</sup> Grunn Kurs i Verne og Miljøarbeid Offshore

<sup>6</sup> National Examination Board for Occupational Safety and Health

<sup>7</sup> Safety Training Observation Programme

<sup>8</sup> Control of Substances Hazardous to Health

<sup>9</sup> Life Support Technology (Commercial Diving)