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Mr PETER DAVEY, MIAP

Status:

Mr Peter Davey
Member of the Institution of Analysts
and Programmers.
Ex-Artificer, RN.
Married, three children.

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Experience and Achievements

A skilled engineer, with a wealth of real-world experience to get the job done, and used to being dropped in the deep end. Following Royal Navy service as a Chief Petty Officer (senior electronics and computer technician) then a short period of voluntary work before five years in industry and business, Mr Davey now provides consultancy and technical support of server and network systems ashore, and electronic survey and navigation equipment at sea through his company, Sealand Systems Ltd. Sealand's contracts have included both technical support, and planning and installation of systems including Cisco, Novell, Windows Server, XP, Unix, Solaris, Red Hat and SuSE Linux, and associated networking infrastructure.

Naval duties included management and on-job training of less senior technicians, and a period as a technical instructor in the Royal Navy Submarine School while setting up a new training facility. Work included maintenance of radio communications and navigational equipment including satellite systems and radar and various computers from Minis (e.g. HP1000, PDP11) to pre-PC programmable desktop "calculators" (e.g. HP9825) and embedded systems. He took a particular interest in computing and served in a number of computer-related positions including the Fleet Software Issuing Office, and commissioning and managing an early office PC network in 1985. During this period he also developed or rewrote a number of bespoke database systems, utilities and networked menu and email systems. His last position was as manager of the RN Submarine School's Novell network (having provided advice and support before it was installed).

After a break for voluntary work he moved to Industry, with four years in a manufacturing environment as Systems Administrator (and IT Manager) taking a very hands-on approach to both managing an MRP system on HP-UX and Informix, and architecture and management of the company's multi-site network with Windows and Novell servers. He designed and implemented the company's first bar-code system, tracking parts and stock from assembly line to warehouse to shipping, and wrote various other utilities and support software in several languages. He then spent eighteen months as an internal and customer consultant with a smaller local company which assembled, developed and marketed specialist PC systems and music studios for schools and colleges and provided InSeT for teachers.

He has implemented the planning, procurement and execution of a number of projects, including authorship of documentation. His training and experience make him able both to supervise and to deal hands-on with every level of systems from software through to hardware installation and component-level repair.

History

1999 to date: Sealand Systems Ltd. Mr Davey is employed by his consultancy which provides professional services in the UK, and beyond, including architecture, installation, support and occasional supply of critical computer and network solutions, and support of survey and navigation equipment, divers and ROVs offshore.

Contracts (offshore contracts listed first as these are of primary interest):

October – November 2025 One day of remote consultancy for **BSA** (Cosmos project). Seven days supporting mobilisation of Navipac / Naviscan / Multibeam (R2sonic) for **First Marine Solutions** in **Seren Las**.

August 2025 Survey Tech for **BSA** (Cosmos project), Japan. Installing and setting to work EIVA Navipac and Sonardyne Ranger 2 systems.

Visit to Aberdeen for one day of engineering support in **Fugro Quest**.

May – June 2025 Survey Tech and online for DOF – **MV Skandi Constructor** – Guyana – Various underwater maintenance and development operations for Exxon.

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October – November 2024 Survey Tech and online for DOF – **MV Skandi Skansen** – Baleine – Côte d'Ivoire FPSO and FSO installation.

August – September 2024 Survey Tech for DOF – **MV Maersk Installer** – Baleine – Côte d'Ivoire FPSO and FSO installation.

July 2024 Survey Tech and Online for DOF – **MV Skandi Mercury** – Western Isles FPSO move. Mobilisation and operation of NaviPac 4 tug spread.

April – May 2024 Survey Tech and Online for DOF – **MV Skandi Hera** – Shell NoordZeeWind export cable repair. Network configuration. Miscellaneous survey equipment.

March – April 2024 Survey Tech and online for DOF – **MV Skandi Seven** – Angola. ROV operations, Sonardyne Sprint, miscellaneous survey equipment. Setting to work of new Black Magic HD video system.

February - March 2024 Mobilisation support for MODUS – **HAUV 1** – Middlesburgh workshop. Interfacing survey equipment to AUV, and faultfinding/repair of AUV systems.

January 2024 Survey online for DOF – **MV Skandi Hugen** – Ekofisk field. EIVA Navipac, Multibeam.

November 2023 Survey online for DOF – **MV Skandi Hera** – Trym field restart – EIVA Navipac.

September – October 2023 Survey online for DOF – **MV Skandi Hera** – Luchterduinen Wind Farm, cable repairs. EIVA Navipac.

April – May 2023 Survey Tech and online for DOF – **MV Skandi Iceman** – Hywind Tampen Wind Farm, towing floating turbines. EIVA Navipac, Network, etc.

February 2023 Survey Tech for Interocean – **Noble Hans Deul** – Rig move on UKCS. EIVA Navipac, Tug telemetry.

November - December 2022 Survey Tech for Interocean – **Maersk Intrepid** – Rig move from NCS to UK. EIVA Navipac, Tug telemetry.

September - October 2022 Survey Tech and online for DOF – **Skandi Acergy** – Chestnut field, recovery of Hummingbird suction anchors. EIVA Navipac, Network, etc.

July 2022 Survey Tech and online for DOF – **Petrojarl Knarr** – Rig move of decommissioned FPSO. EIVA Navipac, Tug telemetry.

June – July 2022 Survey engineering for Andrews Survey – **MV Deep Arctic** – EIVA Navipac, Pipetracker TSS440.

May – June 2022 Survey Tech and online for DOF – **MV Skandi Iceman** – Hywind Tampen Wind Farm, towing floating turbines. EIVA Navipac, Network, etc.

April 2022 Demob/mob for Subsea 7 – **Siem Day** and **Siem Stingray** – Simple EIVA Navipac spread.

September – October 2021 On line survey for Andrews Survey – **MV EDT Jane** – Jacket inspection in Liverpool Bay. EIVA Navipac.

June – August and October – December 2021 Survey Tech for DOF – **MV Skandi Acergy** - NnG Wind Farm. EIVA Navipac/Naviscan, IxSea ROVINS, R2Sonic MBES, Kongsberg, Network, etc.

March – April 2021 Survey Tech for Allseas – **MV Lorelay**. Pipe lay. EIVA, Sonardyne Ranger and GyroUSBL and Sprint/Lodestar, Compatt 5G, WSM 6G.

September – October 2020 Survey Tech for UTEC – **Maersk Connector**. EIVA. R2Sonic multibeam sonar, RovINS, etc. Systems Administration of client's IT and mainly HP Aruba network.

August 2020 Survey Engineering – mobilisation support for **GeoXYZ** in **Geo Ocean III**. ROVINS, R2Sonic, Gemini, networking, etc.

July – August 2020 Survey Engineering for **UTEC** in **Havila Phoenix** – Troll, Penguins.

February - June 2020 Global travel restrictions.

January 2020 Survey Engineering consultancy. Advice and support for tone injection and TSS 350 tracking for **DEME** aboard **Living Stone**.

December 2019 Visit to DEME (Oostende) to brief engineers on the deployment and safety of **Tinsley 5915** Tone Generator.

November 2019 Survey Engineering (mobilisation of Innova Matrix MkII and ROV equipment) for **DEME** in **Living Stone** in Greece.

August - September 2019 Survey Engineering and on line survey (EIVA) for **UTEC** in **North Sea Atlantic** (25 days) TSS440, R2Sonic, DVR etc.

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August 2019 Mobilisation support and representing **STR** in **Seabed Worker** at **Liverpool** (five days). TSS440, Gemini, DVR.

July 2019 Surveyor for recovery and prelay of anchor spread (ten days) for **Intermoor** in **Normand Drott**.

July 2019 Mobilisation and testing (two days). GAPS(OTS) with Navipac for **Atlantic Marine** in **MV Atlantic Explorer**.

July 2019 Mobilisation and troubleshooting support (two days). Portable EdgeTech USBL spread for **NTseas** in **MV Wind Innovation**.

June 2019 Shore support (Innovatum Tone Generator for TSS 350) for **N-Sea** in liaison with Noordhoek Pathfinder.

April – May 2019 Survey on line (EIVA Navipac, Naviscan) for **Rever** – Sonardyne Sprint, R2Sonic multibeam in **Rever Sapphire**.

March – April 2019 Survey technical support for **Geotech** – mobilisation and calibration of Sonardyne Ranger, Pipetracker TSS440 and R2Sonic multibeam in **MV Aegaeo**.

Throughout 2018 Periods as Survey Tech for UTEC – **Maersk Connector**. EIVA. Mobilisation and cable lay. Systems Administration of client's IT and mainly HP Aruba network.

May 2018 Survey technical support for **Interocean** for a short anchor prelay campaign in **Maersk Mover**.

January – February 2018 Senior Surveyor for Atlantic Marine – **Atlantic Explorer**. EIVA. Boulder relocation.

October – December 2017 Survey Tech for Andrews – **Olympic Challenger**. EIVA. Archaeological salvage.

September – October 2017 Survey Tech for UTEC – **Maersk Connector**. EIVA. Mobilisation and trans-spooling for umbilical lay. Support of client's IT and network.

August – September 2017 Survey Tech for UTEC – **Havila Phoenix**. EIVA. Wind turbine array cable trenching.

June – August 2017 Survey On line and Tech for Andrews – **Normand Pioneer**. EIVA. Decommissioning of Ettrick and Blackbird – Recovery of DTB, pile dredging and cutting, cutting and recovery of FPSO mooring lines and piles, risers, spools etc.

June 2017 Survey Engineer for UTEC – **Havila Subsea**.

May 2017 Cisco network consultancy (C2911/K9, C2960S, IOS image updating, running configuration review and alteration, fault-finding) during commissioning at BP's **Clair Ridge** platform. An unusual one, this – performing the normally shoreside role offshore.

September 2015 Survey Engineer for Subsea 7 – **Acergy Viking**, ROV Platform inspection, NCS.

September 2014 Survey Engineer for Harkand Andrews – DSV **Skandi Achiever**, ROV/Divers – Umbilical and mattress installation, BP Monan – Winfrog.

July 2014 Survey Engineer for DOF – HLV **Oleg Strashnov**, Shell Clipper, Sylwin A conversion station – Winfrog

May – June 2014 Survey Engineer for Harkand Andrews – **Toisa Voyager**, Westernmost Rough wind farm infield cable pull-in and mattress installation. Mobilisation of EIVA NaviPac, VisualSoft, ROV, HiPAP/APOS – USBL calibration, etc.

February – April 2014 Survey Engineer for DOF
– HLV **Oleg Strashnov**, South GoM
– **Eide 33**, Sylwin A jacket – Winfrog

December 2013 – January 2014 Survey on line for **NPCC, Abu Dhabi**. EIVA – anchor handling.

September – October 2013 Survey on line (Winfrog) for NCS – Saturation diving vessel **Orelia**, Stella, Juliet / Pickerill.

May – August 2013 Survey on line (Winfrog, including mobilisation and operation of AHT management) and Engineer for DOF
– **Skandi Constructor**, ROV, Borkum West wind farm, Camelot and Tweedsmuir.
– **Thialf**, ROV, Clair Ridge and Dolwin A jacket installation.

April 2013 Survey Engineer – as a consultant for DOF during an inspection of new vessel, **Aegir**.

December 2012 – January 2013 Survey Engineer / Online (EIVA NaviPac) – **Bar Protector**. Katy and CRX.

August – October 2012 Survey Engineer / Online (EIVA NaviPac) – **Skandi Inspector**. ROV jacket inspection, Moray Firth.

July – August 2012 Survey Engineer – **Far Samson**. Katy – ROV, TDM / MBES.

June – July 2012 Survey Engineer – **Normand Subsea**. ROV work and inspection, Corrib, Brent and Ormen Lange.

May 2012 On line survey – **Normand Clipper**. ROV, Suction pile installation on Scott field.

April – May 2012 Survey Engineer – **Normand Subsea**. ROV, Ormen Lange and Brent.

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December 2008 – January 2009 Survey Engineer / Online – **CLB Installer**. Gunfleet Sands Wind Farm. EIVA Navipac with Tug/Anchor handling.

February – April 2008 Survey Engineer – **MV Deep Pioneer**. ROV, Flexible riser installation for Agbami FPSO, Nigeria. EIVA Navipac.

April 2006 – March 2007 Survey Engineer / Online – Geoconsult vessels **MV Geosund, MV Geofjord, MV Geobay, MV Geoholm**, trenching and as-laid (ROV, LBL / MBES) on the Ormen Lange gas field and also survey and attempted hazmat recovery from submarine U864, recovery of oil from a wreck in the Gulf of Finland and making good the Survey and structured cabling infrastructure of **MV Geoholm** during a passage from Dundee to Cyprus. EIVA Navipac and some WinFrog.

June – August 2003 (Exxon) Preparing and mobilising a navigation container and computer network in **MV Polarbjørn** for geomagnetic survey. Included installation and fault-finding of HiPAP APOS stations, and planning and setting up a secure network. Limited WinFrog use.

July 2002 – February 2003 Survey Engineer – **Seaway Falcon**. Pipe lay / ROV TDM in North Sea, Mediterranean and Mexican Gulf – (ETAP, Burullus, WOG, LLOG, Princess/Mensa projects – EIVA Navipac)

June 2002 Survey Engineer – **Seaway Eagle**

April 2002 Survey Engineer – **MV Trenchsetter**

January – March 2002 Survey Engineer and On-line Surveyor in Stolt Offshore vessels **DSV Stephaniturn** and **MV Niari** (chartered), supporting pipe laying operations by **DLB Polaris** in Shell and Elf Nigerian fields. Trimble Hydro-Pro, Simrad HPR418, Klein Sidescan with Isis processing. Hydro-Pro.

November 2001 Survey Engineer in Deep Ocean vessel **MV Edda Freya** during ROV operations to install spool covers – included defect investigation on Sea King and PC equipment, and partial demobilisation on return to port.

October 2001 Survey Engineer in DSND vessel **DSV Aquamarine**. Supporting the survey team during a series of operations including debris surveys and diving operations at a number of sites, installation of ROV altitude transducer, support of Dolphin interfaces, remedying installation problems on the survey cabling and computer network.

1999 Survey Engineer – Short mobilisation visits to **DSV Toisa Puma** and **Seaway Invincible**

Onshore contracts (which are mainly server and network installation and support):

February 2013 A five day contract configuring Cisco switch and ASA devices for HMRC.

February 2009 to January 2012 (also May – November 2008 and April – September 2007) Roke Manor Research Design, installation, configuration, documentation and support of Cisco catalyst switch/routers, ASA/PIX/Vyatta firewalls, Juniper Secure Access. Red Hat Linux and Windows on Intel servers and EMC SAN, for the front end of the London Congestion Charging and Limited Emission Zone systems (security cleared). This system was supported through its full life-cycle.

2004 – 2006 Cognotec. A further contract of 19 months planning and executing projects installing Sun Solaris gateways for foreign exchange rates feed on behalf of previous client **Cognotec Ltd**, for Cognotec's European bank customers. Technical liaison, debugging Triarch/Tibco feeds, LAN/WAN, routers and firewalls and installing the dealing-room SBT application. Visits to client's customers included planning meetings, new installations, upgrades and problem investigations. Integration of Cognotec's solutions with customers' Single Sign On (SSO).

2001 – 2004 Various clients – Windows 2000 LAN/WAN consultancy and reconfiguration. Switched VLAN network / NT / WINS / DNS consultancy for a South London school. Linux/MySQL support. NT / 2000 / Exchange / Novell / Cisco / SonicWall / GroupShield support for a direct-selling holiday company. Team-leading for a bank's PC rollout.

Summer 2001 Paternity leave, and six weeks network and server (NT and W2000) consultancy and evaluating a package delivery product for **Counterpoint MTC Ltd**.

2000 – 2001 Six months with **Cognotec** – major banks in seven European countries (see 2004 – 2006)

2000 The Caravan Club Managing Technical Support. Disaster Recovery planning. (HP-UX, NT, Exchange)

1999 – 2000 BSW Timber plc. A one year contract upgrading Novell and supporting HP-UX and Linux with Informix.

1999 Site visits and instructional work for **Counterpoint MTC**.

Before incorporation of Sealand Systems Ltd.

1997 – 1999 Counterpoint Music Technology Consultants – Internal and customer-facing consultant.

1993 to 1997 B&W Loudspeakers Ltd – Unix and Novell Systems Administrator and three months as IT Manager.

1993 MV Doulos – Five months voluntary work in Cape Town refitting the world's oldest operational ocean liner. It's even more interesting than it sounds.

1972 – 1993 Royal Navy – Leaving as a Chief Petty Officer, YachtMaster and manager of the Submarine School's Novell Network network.

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Key Areas necessary for automated searches (if you do not find your key word here, please ask)

Hardware – HP9000, Sun, Dell, RAID, HP Aruba, HP Procurve, HP Netserver, HP JetDirect, Cat 5 UTP structured cabling and telephone system (Centrex) installation, Synoptics, Bay (Centillion) 5000 chassis and 58000 switch, Bay, Cisco and 3COM routers, ISDN, kilostream, megastream WAN connections, firewalls, modems, RSA SecureID.

Networks – Twenty years designing, running and troubleshooting CSMA/CD networks, thinnet, switched Ethernet, Cat 5 UTP, Fibre, IPX and TCP/IP, Watchguard Firebox, Dell Sonicwall, Juniper, Vyatta, HP Procurve & Aruba, Cisco Catalyst / PIX / ASA, routing, HSRP, VPN, proxy, firewall, DNS, NDS, DHCP, WINS, NTP.

Systems – MSDOS 2.11 to 6.22. Windows version 1 to 3.x, 95, 98, NT4, 2000, 2003, XP, Terminal Server / Citrix, MS Exchange. HP-UX, SunOS / Solaris, Irix, Linux, Red Hat, SuSE, Ubuntu. Novell Netware from 2.15 to 5.1. NDS eDirectory, NDPS, Zen, NAL, ConsoleOne, BorderManager VPN and Web proxy, Standby Server, EMC, Brocade. Documentation technical writing.

Development – Assembler, C, BASIC, HPL, Pascal, Python, Perl, Unix shell (bash) and Awk scripts, DOS Batch. MS Access. Netware client API. Data transfer and migration between different systems, SQL work.

Applications – MS Word, Excel, Access, Visio, WordPerfect, 1-2-3, OpenOffice.org, MySQL, Informix, Arcserve, Veritas, TapeWare, Web browsers / HTML editors, many DOS and Windows utilities, Sage Line 50, Sophos, GroupShield, SonicWall. Development / debugging of bespoke applications.

Survey – EIVA NaviPac, Hydro-Pro, Trimble, MultiFix, Kongsberg Simrad. HiPAP/HPR, SAIV, Valeport, Octans, HAIN, MiniRLG, Sonardyne Compatt LBL, VisualSoft, Pipetracker, MBES.

Education, Awards and Qualifications

Secondary education Boundstone Comprehensive School, Sompting, Sussex.

GCE O-levels: Physics (G1), Maths, Chemistry, French, English language. CSE (G1) Music.

Further education Royal Navy Apprenticeship. **ONC** in Electronics (distinction), RADAR, Communications and Maths. Qualified as Radio Engineering Artificer (Technician Engineer), gaining the workshop prize and prize for best results in final examination.

Novell System Manager's Course. (ITEC, Portsmouth)

Awarded the **Diploma in Computing** by the Open University, including third level course "Data Models and Databases".

MS SQL Server 6.5 course (ICS, Basingstoke), Optivity for OpenView course (Bay Networks, Maidenhead)

Pursuing CCNA accreditation

Other British passport

Full UK driving licence

Cogent/OPITO/OLF BOSIET UK/Norwegian Offshore Safety training and medical certificates.

OPITO MIST certification

C&G 15th Edition IEE wiring regulations.

RN Basic and Intermediate fire-fighting courses, Instructional Technique course.

RYA/DoT Yachtmaster, RN length of service and good conduct medal.

OTHER INFORMATION

Interests Church and family life. Leading inland and offshore sailing expeditions. Music and sound recording.

Updates to this document can be downloaded in various formats from <http://sealand.systems/personal>