

Mark Seton Broadbent
Cirencester, England
Tel: +44 1285 861538 / +44 7901 801048
Email: MSBroadbent@Sea-Witched.co.uk



MARINE PROJECTS MANAGER

- 37 years commercial / contractual experience for an international client base
- Preparation of pre-qualifications and tenders
- Commercial / technical evaluation of tenders
- Risk assessment and mitigation
- Development of supplier database
- Preparation of contractual documentation and contract agreements
- Management of project costs and invoicing
- Project management onshore, offshore and in overseas offices
- Contract negotiation – clients / contractors
- Procurement of sub-contract services
- Office / site QA / HSE auditing
- Resolution of contractual disputes
- Client representation offshore
- Training of personnel in hardware, software and offshore procedures.

Fellow - Royal Institution of Chartered Surveyors, Chartered Surveyor since 1990
Fellow - Institute of Marine Engineering, Science & Technology, Chartered Marine Scientist since 2004
Member of the Chartered Institution of Water and Environmental Management, Chartered Environmental Manager since 1992
UK Science Council, Chartered Scientist since 2004

PROFESSIONAL EXPERIENCE

- 37 years experience of worldwide operations, project management, liaison with clients and contractors and production of numerous technical reports
- 15 years experience of independent freelance work as a project manager & offshore representative, liaising with clients and contractors and production of numerous technical reports in the oil, telecoms, power cable and dredging industries.
- Responsible for the production, and evaluation, of full technical proposals and commercial tender bids for many projects.
- For a 4-year period, responsible for instigating, specifying and operating an online database for 2 companies; to keep operational control of over 3000+ assets, valued at several million pounds, based at 4 company offices. The database tracked the purchase, calibration, maintenance, reliability and contract history of every item. This database was the most comprehensive one in the industry. It became an essential management tool and a critical part of the companies quality system BS5750. At the same time, I was responsible for the day to day running of the workshops, a large bonded warehouse and several engineers.
- Originally my employers specialised in the inshore survey market. Thus I had to be proficient in, *marine geophysics, navigation, electronics, physical oceanography, marine chemistry, bacteriology, sedimentology and seamanship*, depending on the work required. Because of this broad knowledge, I became involved in many Environmental Impact Studies for the water industry and the international oil industry as they became mandatory in the 1990's
- As the offshore market grew, I was responsible for the development of a number of new methods of collecting data in deep water using alternative equipment and data telemetry techniques. This involved evaluation of new equipment, specification of software and hardware, specifying proposals to both the Client oil companies and the subcontractors employed to build the new equipment. These developments were responsible for a very significant increase in both company turnover and profitability. This company now dominates this market worldwide.

Employment History

1999 – 2014 Sea-Witched Consultants, Project Management / Consultant

Oil & Gas Industry

BP Azerbaijan

- 2001 Offshore Project Manager for the multi-national 'Caspian Deep Sea Science Research Project' and various marine environmental impact surveys.
- 2002 Survey Project Manager for all offshore survey operations. Responsible for all day to day technical, financial and HSE matters.
- 2003 Survey Project Manager for all non-construction, survey operations: -. Responsible for all day to day technical, financial and HSE matters.
- 2004 Survey + HSE Representative on two environmental impact surveys.

Telecommunications

Flute Ltd

- 2000 Desk top study for a cable around England, Wales, N. Ireland, Eire and Isle of Man. (UK Ring). Client Representative for 12 cable landfall surveys for the UK Ring
- 2001 Client Representative for 16 cable landfall surveys for the UK Ring

Alcatel Submarine Networks Ltd

- 2000 Client Representative supervising route clearance operations for Flag Atlantic 1 cable.
- 2000-1 Offshore Project Management of 2 landfall surveys, and part of offshore route survey, Isla Link cable, followed by review of various contractors reports.
- 2001-2 Client Representative for deepwater cable lay operations between Japan, Korea and Taiwan involving 5 ships.
- 2009 Cable Crossing Permitting for IMEWE cable, Oil Block crossing notifications, WACS cable
- 2010 Client Representative for ACE cable route inshore survey, Gabon
- 2011 Client Representative for CANALINK cable route inshore survey, Morocco
- 2012 Client Representative for ASN S2 mid-ocean cable repair in 5000m water depth
- 2013 Client Representative for SHEFA2 cable repair

Tyco Telecommunications Inc.

- 2007 Client Representative for 2 TPE cable route surveys offshore northern China
- 2007-8 Permit Manager for TATA-VSNL Intra-Asia cable project (over 12 month period)

Farice ic

- 2008 Owner Representative Farice Denmark-Iceland Cable shore end burial Denmark

Dredging & Reclamation Industry

Dredging International, Boskalis International, Qatar Dredging Co. & Great Lakes Dredging Co.

- 2005-06 Environmental Manager for dredging & reclamation of New Doha International Airport, Qatar
2 year project, being responsible for all environmental management, permitting, client & government liaison on environmental matters, for the construction of a coastal platform of 22 square km, with up to 9 dredgers operating concurrently, to be monitored continuously.

Offshore Power Industry

- 2009 Interconnector cable route planning for 2 UK offshore wind farms
- 2009-10 Owner's Representative, offshore during cable lay, cable burial and surveys, for BRITNED HVDC Interconnector power cable installations between UK and Netherlands
- 2011 Owner's Representative, during 3 cable surveys for Enemalta Interconnector AC power cable between Scilly and Malta
- 2011-12 Owner's Representative, for EIRGRID HVDC Interconnector power cable installation UK and Eire, during cable lay, pre-cable crossings, cable repair & remedial protection works
- 2011 Owner's Representative, offshore, during cable installation for Greater Gabbard Offshore Windfarm export power cable.
- 2012-13 Owner's Representative, offshore, for WESTERN LINK, ROV route survey + 2 UXO surveys
- 2013 Client Representative for NSW, BARD Offshore Windfarm project, Germany
- 2013 Client Representative for Wave Hub Offshore Assets Appraisal Survey
- 2013 Owner's Representative, offshore, for WESTERN LINK, UXO survey

Oceanography

Fugro GEOS Ltd, RPS Energy Ltd and Borthwick & Associates

These involved numerous short offshore projects on oil field developments in Trinidad, Gulf of Mexico, Libya and several in UK waters, west of the Shetland Isles, and Eire.

1996 - 1998: FUGRO GEOS Ltd – Resources Manager & Principal Scientist

Much of my work was overseas running data collection programmes comprising a mixture of very deep-water instrumented moorings, oil platform instrumentation and coastal surveys.

- Ensured all projects are run efficiently within tight timetables and budgets, maximising project profitability, whilst complying with all contractual, Health and Safety, and local regulatory requirements.
- Trained new employees to Fugro GEOS (in all offices) in the correct use of equipment, data measurement studies, databases and both internal and third party software.

1990 -1996: WIMPEY ENVIRONMENTAL Ltd – Resources Manager

My responsibilities as Resource Manager included control of Europe's largest stock of oceanographic equipment, its maintenance and calibration, whilst being available to participate in large-scale contracts and overseas projects. The company was involved in contaminated land and air quality assessments as well as the marine market, thus I had to know a lot about these activities, as I was responsible for their correct operations. My knowledge of chemistry and geology was very useful for this. Principal achievements include:

- The success of the company was directly effected by my ability to provide equipment anywhere in the world at short notice. My skill in solving short-term project crises and logistical difficulties was a major contribution in the continuous approval of the company's clients, and the increased growth and profitability of the company.
- Instigation and maintenance of new resource databases, including designing, specifying, testing and administrating the systems on time and within budget. Expanded the system into 3 international offices. This increase in inter-office efficiency allowed strategic decisions to be made with up to date backing data.

1981 - 1989: WIMPOL Ltd - Senior Marine Scientist

- I was responsible for the commercial evaluation, planning, execution, analysis and reporting, of major projects. I gained considerable experience in hydrographic and geophysical surveys using my ability to act as a navigator, geophysicist and sedimentologist.

1977 - 1981: WIMPEY LABORATORIES LIMITED - Marine Environmental Scientist

As Project Leader on several UK coastal outfall studies, assisted in the research into initial dilution of effluents from long sea outfalls, and several coastal power station re-circulation studies both in UK and the Middle East.

EDUCATION & PROFESSIONAL TRAINING

University: University of Wales, BSc Joint Honours Oceanography & Geology Additional year-long courses in Chemistry & Computer Science	1976
Technical: Geomedia v3 Geographical database GIS	2001
Alcatel ASN, Makai cable, route engineering + design course	2001
North East London Polytechnic, Hydrographic Surveying Course	1977
Management: Company accounts, Time Management, Marketing	1994
Safety: UK & European offshore survival + medicals certificates are in date	
BP Advanced Safety Auditor for safe working practices	2002
St Johns Ambulance First Aider at Work Course	2001
HSE + COSHH guidelines	1996
Bechtel NDIA Safety Supervisors Training Course	2006
Bactec UXO Unexploded Ordnance Safety Course	2009
Working at Heights on Offshore Wind Turbines Course	2011