

John N. Wolfe-Barry  
**External Consultant**

Tel: +44 (0) 20 7242 8444  
E-mail: [cwa@cwa.uk.com](mailto:cwa@cwa.uk.com)  
Website: <http://www.cwa.uk.com/>

**Qualifications** First-class Honours BA in Mechanical Sciences from Cambridge University (MA 1966)  
Diploma in Arabic, Middle East Centre for Arab Studies

**Affiliations** Member of the Institution of Civil Engineers

**Languages** French and Italian; some Arabic

**Date of Birth** 1939

**Nationality** British

**Current Position at CWA**

External Consultant Engineer, specialising in port and terminal developments. Possesses extensive international experience of the planning, design and operation of marine terminals and ports.

**Specific Expertise and Experience**

Over 43 years' experience of consulting engineering in the UK and overseas. Specialist understanding of planning, study and design of port, maritime and general civil engineering development works.

Project Manager leading major port and terminal planning and design studies in Europe, the Caribbean, West Africa and the Far East, including World Bank and European Community funded studies in Lithuania, Liberia, Ghana, the Turks and Caicos Islands and elsewhere.

Extensive recent experience of planning and operational studies of liquid and dry bulk terminals in the Gulf region and elsewhere.

Project manager for due diligence and value management studies.

Experience of risk analysis techniques, including acting as facilitator, hazard identification, risk assessment and design of preventative or mitigation measures.

## Summary of Previous Employment Since 2000

A record of experience prior to 2000 is available on request.

2004

### **USA, ARCO/BP vs Equilon**

Expert witness in US District Court for the Western District of Washington State in litigation arising from a pipeline failure and explosion. Reported and testified in deposition on questions of ship movements and berth occupancy at the RCO/BP Cherry Point Refinery dock during the pipeline outage period, in support of the ARCO/BP business interruption claim.

### **UAE, Jebel Dhanna/Ruwais Port Integrity Study**

Preparing Terms of Reference for a comprehensive study of the principal oil port in Abu Dhabi, handling all the onshore crude exports and most of the production of the refineries and petrochemical industries located at Ruwais. A major concern was the adequacy of the entrance channel for future traffic but the study was also to investigate the capability of the individual terminals.

Subsequently Port Planner and Dredging Engineer for the implementation of the study from September 2004.

2003

### **Jordan, Aqaba Project**

Maritime and port engineer working on a multi-disciplinary due-diligence study of a proposed development of inland lagoons at Aqaba for tourism and possibly for port facilities to replace or supplement the existing port.

- 2003 **Oman, Bulk Handling Study at Port of Salalah**  
Port engineer and planner in this pre-investment study for mechanical bulk handling systems required at Berths 30 and 31 in the Port of Salalah. Bulk materials to be handled included wheat, animal feeds, cement, clinker, limestone aggregates and urea.
- 2003 **Oman, Expansion of Port Sultan Qaboos Study**  
Port planning consultant for this multi-disciplinary study of all aspects of Port Sultan Qaboos. The principal aim of the study was to identify how the port could best be expanded to increase its container handling capability, but bulk handling and other cargoes were also included.
- 2002/2003 **UK, London Gateway – Alternatives Study**  
Assisting Team preparing Alternatives Study for the inquiry into the proposed London Gateway container port at Shell Haven on the River Thames. The study was required under the Habitats Directive to demonstrate that there is no alternative location within the UK where an equivalent development could be sited.
- 2002 **Caribbean, Anguilla Port Study**  
Team Leader in the field for a comprehensive study of the existing and future port requirements of the island of Anguilla, one of the Leeward Islands in the Caribbean. The study covered not only the physical facilities required but also the structure and management of the island's ports.
- 2001/2002 **UAE, Ruwais Berths and Oil Movements Study**  
Port planning and shipping advisor for multi-disciplinary team in study of shipping and pipeline movements of oil to and from Ruwais Refinery, Abu Dhabi. The work included computer simulation modelling of the shipping operations at the Jetty.
- 2001 **UAE, Ajman Port Study**  
Port planning advisor for development planning study of Ajman Port.
- 2001 **Nepal, Melamchi Water Supply**  
Preparing major proposal for Project Management services for Melamchi Water Supply project, Kathmandu.

- 2001 **UAE, Umm al Nar Terminal Relocation Study**  
Marine adviser on study of the relocation of the marine terminal facilities at Umm al Nar Refinery, Abu Dhabi.
- 2000/2001 **UAE, Palm Island Development**  
Team Leader of technical due diligence and value management study for a major reclamation and property development in Dubai.
- 2000 **Qatar, Mesaieed Crushed Stone Import Facilities**  
Navigation and shipping economics advisor for study of the provision of facilities in the port of Mesaieed for the import of up to 6 million tons of crushed stone per year.
- 2000 **Indonesia, Maritime Transport Adviser, Transport Sector Strategic Study**  
Advising and reviewing work in the maritime sector carried out as part of the ADB funded Transport Sector Strategic Study of the whole of Indonesia. In view of the geography of the country, maritime transport plays a major role. The study identified 28 strategic ports and also covered shipping and ferry requirements.

## Selected Publications

Master Plan Study of Port of Klaipeda, Lithuania, J N Wolfe-Barry and C De Meyer, 12th International Harbour Congress, Antwerp, September 1999

Risk Analysis Applied to Navigational Aspects of Port Design, 28th International Navigation Congress, PIANC, Seville, Spain, May 1994

Ghana Ports Rehabilitation Project, J N Wolfe-Barry, 9th International Harbour Congress, Antwerp, Belgium, June 1988

Hydraulic Modelling of a Tidal Lagoon at Benghazi, Odd, Wolfe-Barry and Berrahim, International Conference on Numerical and Hydraulic Modelling of Ports and Harbours, Birmingham, England, April 1985

Some Design Aspects of Dredging and Protection Works for Ports, J N Wolfe-Barry, ICE Conference on Port Engineering and Operations, Newcastle on Tyne, March 1985

