

## Biography:

### Alun Lewis, Independent Consultant



Alun Lewis worked at the BP Research Centre in the U.K. from 1967 to 1992 and specialized in oil spill response studies from 1979. He was responsible for the formulation and testing of oil spill dispersants, particularly for use in the Arctic, and developed the Enersperse range of dispersants. Alun was a member of the IP Dispersants Working Group, which prepared the UK Guidelines on the Use of Dispersants in 1986. He also took part in the dispersant sea-trials in the Beaufort Sea in 1986 and in several large scale sea-trials to test dispersants in UK and Norwegian sectors of the North Sea.

Leaving BP Research at the end of 1992, he worked for several months as a consultant to Warren Spring laboratory to prepare a report on the sea trials involving sequential aerial application of demulsifiers and dispersants. Alun went to work for SINTEF in Trondheim, Norway in 1993. Once again, the topic of his studies as a Senior Scientist was oil spill response, specializing in the fate and behavior of spilled oil and the use of oil spill dispersants. He participated in many research programs on the “weathering” of spilled oils at sea. These included the development of laboratory procedures to simulate the various oil “weathering” processes that occur at sea. He participated in several large-scale sea-trials from 1994 until 1996 to validate these laboratory techniques and to explore the operational aspects of dispersant spraying from ships and helicopters. He was also keynote speaker and presenter of the dispersant ‘white paper’ at International Oil Spill Conference in 1997.



Returning to the UK in the middle of 1997, Alun worked with AEA Technology plc at Culham, Oxfordshire as a Principal Consultant. Alun was the project manager for the AEA'97 sea trial project, which was a large sea trial involving dispersant use on Alaska North Slope and Forties crude oils and IFO-180 fuel oil.

Alun became an independent consultant in 1998. His specialties are oil spill dispersants, the behavior of spilled oil at sea and the aerial surveillance of oil at sea. He has worked with many clients, commercial and governmental, both in the UK and around the world. He has conducted numerous studies for the UK Maritime and Coastguard Agency. He also organized the 2003 UK dispersant sea-trial in the English Channel. He has participated in many national exercises and training courses. Alun has conducted many National and Regional Dispersant Workshops throughout the world.

