



**Dr. Jerry Baker, CEng FIMarEST FSUT**

Jerry Baker is the Discipline Head for Pipeline and Subsea Integrity in Atkins Boreas, for whom he has worked for five years. Prior to that he was Discipline Head for Pipeline Engineering for Shell in the North Sea for several years.

Jerry started his working life as a Navigating Officer in the UK Merchant Navy. Subsequently, after obtaining an MSc in Marine Technology, he spent five years researching the hydrodynamic characteristics of ROVs, the topic in which he obtained his PhD. Since then (for almost twenty years) he has been primarily involved in integrity management, and problem-solving associated with the life-cycle management, of subsea systems and pipelines. He is the author of the Energy Institute's "Guidelines for the Management of Integrity of Subsea Facilities", and various technical papers. He is currently taking the lead in a development project – shortly to be launched as a JIP – to enhance the way risk assessments are carried out; and he is exploring the interrelationship between integrity and reliability.