



London and South of England Evening Meeting

Pipeline Stories: A Pipeline to India and the Curious Case of the Shifting Sands

Thursday 20 February 2020

Registration 17:30 – Presentations 18:00, Refreshments & Networking to follow
The Gallery, Christ church, Jubilee Square, Woking GU21 6YG

Registration Fees

SUT Member £15, Non-Member £25, Students £5

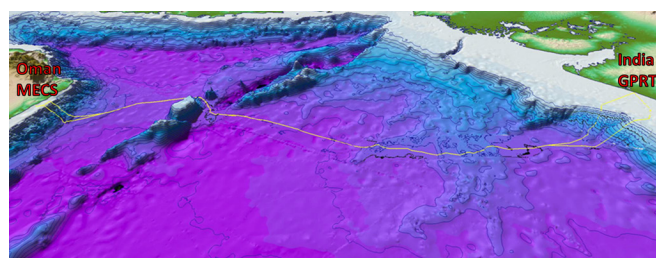
Register online at www.sut.org/events

A Certificate of Attendance to contribute towards your CPD is available, please select this option during booking.

Ian Nash, Group MD, Peritus International

The Middle East to India Deepwater Pipeline – A Case Study

This talk will present the Middle East to India Deepwater Pipeline (MEIDP) providing information on the technical and commercial feasibility of the deepwater gas transportation system, which will reach a record water depth of 3450m, cross two continental slopes, an earthquake subduction zone (the Owen Fracture Zone) and outfall debris of the river Indus fan in 2500m water depth.



Linking Middle East gas fields of Saudi Arabia, UAE and Oman to India across the Arabian Sea for an offshore distance of 1200 kilometers. The MEIDP gas transmission pipeline is designed to transport up to 1.1BCFD gas into the Indian energy markets. The economic and political drivers for such a project will be discussed together with details of the overall project cost. The pipeline project history and current design status will be reviewed together with findings of the Marine Reconnaissance survey between Oman and India. The challenges faced by the project from both a design and installation perspective will be highlighted together with some of the detailed geohazard assessments performed for the pipeline crossing and active fault zone (OFZ) and the Indus Fan.

Nigel Underwood, Subsea & Pipelines Manager & Mazin Eltayeb, Principal Engineer, Petrofac

The curious case of the shifting sands of the Southern North Sea and a pipeline rupture

Petrofac undertook a subsea failure investigation for a southern north sea pipeline. The investigation and analysis determined some interesting outcomes regarding the level of seabed mobility and the combination of factors that lead to the failure. The session will showcase some of the performed assessments and the outcomes related to shallow water pipelines operating on very mobile seabeds

