

# Devon & Cornwall Joint Branch

A Joint Branch of the RINA and the IMarEST  
Chairman: Bob Allen  
Hon Secretary: Geoff Davis 01752 880135  
Hon Treasurer: Matthew Gill



**Date:** Wednesday 8<sup>th</sup> February 2017

**Time:** 7:15 pm

**Venue:** Royal Cornwall Yacht Club, Falmouth

**Organiser:** Devon & Cornwall Joint Branch RINA/IMarEST, Rachel Nicholls-Lee

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## Continuing Developments in Marine Renewable Energy

Presented by

**Martin Murphy**



Technology development in the marine renewable energy sector has continued to drive wave and tidal energy solutions towards commercial readiness but it has been a hard and bumpy road. Nevertheless, significant work and investment is continuing here in the UK (including notably the South West) and a significant global industry is gradually appearing. This presentation will visit the technology solutions across the sector and consider its prospects for the future. Can such solutions meaningfully contribute to the overall renewable energy portfolio in the face of concerns over climate change, matters of energy security, and not least the cost to the consumer?

**Martin Murphy** is a graduate in electrical and electronic engineering with an MSc in power electronics. He has spent the great majority of his career in the marine sector, firstly as a Marine Engineering Officer in the Royal Navy for 12 years, and then 15 years in industry. He became the Vice President for Marine and Offshore Systems in Alstom Power Conversion (APC) based in Paris in 2000, before being appointed as Managing Director for APC Ltd in Rugby, UK in 2003. In this time he was heavily involved in projects such as the Queen Mary 2 cruise liner and the Royal Navy's new class of Type 45 destroyer – where the company designed and supplied the ships' electrical propulsion systems. Martin joined Tidal Energy Limited as Managing Director in 2009 and led the company in the development and commissioning in 2015 of its full scale prototype DeltaStream device in Pembrokeshire. In 2015 -16 he was the 113th President of the Institute of Marine Engineering Science and Technology (IMarEST).

Both members and non-members welcome.

Next talk: 8<sup>th</sup> March 2017, Weather for Sailing by Penny Tranter

Continued Professional Development	To be completed at the event by a Branch Committee Member. Committee Member..... Signed .....
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