



JOHN NIGHTINGALE CEng FIHIE

John joined JCT eight months ago to help them further develop their consultancy services.

JCT leads in the Traffic Signals field, and John recently visited Edinburgh, Bournemouth, Glasgow and Wales, from JCT's new Headquarters near Lincoln. He runs training courses, is heavily involved in computer modelling, and design. He has identified a lack of skilled Traffic Signals Engineers across the Country, defining it as a "wage shortage," not a "skills shortage".

He wants to develop analytical tools that will enable Local Authorities to quantify the extent to which particular signals create delays, to help them to allocate resources effectively to eliminating blockages.

He came into Engineering after a variety jobs, including working on the construction of a luxury yacht in Australia. Returning to the UK he joined the Traffic Systems Co-operative in Sheffield and then joined Doncaster MBC initially on the Accident Investigation and Prevention side and later in Signals. Doncaster was very supportive, and enabled him to achieve his MSc(Eng) at the Institute for Transport Studies.

This led to him becoming a CEng, something he sees as "incredibly valuable". He urges other people to go the EngTech, IEng, CEng route, which IHIE now offers, because the experience of doing this "makes you a better Engineer". The added value of CEng is that the process makes you very self critical of your work and, not least, that it can command a real salary upgrade.

Now on IHIE Council, John sees the Institute's CEng offer as something that can be put in front of University students as a real gateway to a successful career.

A keen sailor, he has the ambition to sail round Cape Horn, and as someone steeped in the Traffic Signals world, he aims to write its definitive text book – if ever given the time.