



SIR WILLIAM HARRIS LECTURE

(Tea & Coffee will be served from 5:30pm)

Monday 8th January 2018 at 6pm

Godfrey Mitchell Theatre, Institution of Civil Engineers, One Great George Street,
London, SW1P 3AA

Safe Navigation around our coast – the work and functions of Trinity House

Presented by: **Simon Millyard CEng., CMarEng, FIMarEST**

Synopsis

Trinity House has the responsibility of delivering marine Aids to Navigation around the coast of England, Wales, The Channel Islands & Gibraltar.

As an Island Nation it is easy to forget the importance of shipping and our reliance on it for trade and supply of goods, Trinity House is well aware of this and with 66 Lighthouses, Beacons and some 450 Navigation buoys to look after, strives to provide the mariner with safe passage in our waters.



With the fast changing technical landscape, Trinity House embraces new technologies to ensure that the demanding Aid to Navigation availability targets are met whilst reducing costs and maintaining reliability. The areas of activity range from considering Ancient Monument protection to satellite transmissions and differential GPS corrections, LED light sources, solar energy & remote monitoring.

Trinity House has many facets, it is a Charity, based in Trinity House, London and as well as its Aid to Navigation work delivers significant training to young Engineering and Deck cadets, looks after ageing seafarers and supports a range of other charities engaged in seafarer welfare. Trinity House also licences Deep Sea Pilots for North European waters

First recorded by Royal Charter in 1514 by King Henry V111 Trinity House is over 500 years old and pre dates many historic institutions whilst being a world class Aid to Navigation provider.

This lecture will look at the works and functions of Trinity House and some of the technologies it uses to deliver Aids to Navigation.



Simon Millyard C Eng. IMarEST



Simon started out in his career as a Marine Engineer cadet with the Royal Fleet Auxiliary service in 1973. He progressed his career at sea gaining his 1st class certificate of competency in 1983 and a Chartered Engineer with the Institute of Marine Engineering, Science & Technology in 2011. After 10 years travelling the world with the Royal Fleet Auxiliary as ships Engineering Officer, he left the sea to join his new wife ashore.

After nearly twenty years in the brewing industry, during which time he rose to the post of Brewery Manager and subsequently Chief Engineer of one of the country's premier breweries, Greene King, Simon's tenure oversaw the company double in size at a time of increasing automation and a quest for quality, efficiency and cost control.

The call of the sea was never far away and in 2003 he joined the Royal National Lifeboat Institution as a Divisional Engineer responsible for maintaining the engineering standards on a fleet of fast modern lifeboats. The RNLI introduced Simon to the world of maritime safety and was soon in the post of Divisional General Manager with them. This unique organisation works to the highest standards of design and maintenance of quality standards in a marine environment which was to prepare him well for his next career move.

In 2008, he joined Trinity House and is currently the Engineering & Operations Manager responsible for the design, maintenance and operation of maritime Aids to Navigation. This encompasses a huge range of interesting technologies from ancient monument maintenance to satellite telemetry and many areas in between. Since 2010 he has represented Trinity House at IALA and now is Chairman of the IALA Engineering & Sustainability Committee.

Booking your place – online booking procedure

To book your place at this event to attend in person, for which there is no charge, please visit: <https://www.ice.org.uk/events/sir-william-harris-lecture-safe-navigation>

There will be a collection after the lecture for the lecturer's chosen charity which, this year, is Great Ormond Street Hospital for Children.

Please note this event will be live streamed and recorded. You do not need to book to listen to the live webcast. The live webcast is available to PIANC UK members only as a membership benefit and will be provided to all PIANC UK members a week before the event. The WebEx recording will be placed on the PIANC UK website after the event.

If you require advice or are unable to book yourself on this event please contact Elira.Alushi societyevents@ice.org.uk