

Continuing Professional Development Certificate

Autonomous ships - What does the foreseeable future hold?

Date: Tuesday 06 December 2017

Time: 1.15pm - 2.00pm

Speaker:

Edward Fort, Lloyd's Register Global Technology Centre

In this IIL lecture Edward Fort talked about the technical issues associated with the move towards autonomous ships that the insurance industry should be aware of. Edward explained that autonomous vehicles were already established in many applications with every expectation that the world around us was set to become autonomous. In his lecture, Edward asked what do we mean by autonomy and what does this mean for shipping both in the near future and in the longer term. Total automation was not a foregone conclusion. The design of modern ships with their complex, highly integrated, software controlled systems still assumed the presence of a crew on board capable of assuming control in the event of the unexpected and perhaps surprisingly much of the expected. While autonomy represented a solution to a number of major challenges the industry was facing, unsurprisingly it also brought several challenges of its own.

By the end of this lecture, members would have gained an insight into:

- Understand what autonomy means for ships and shipping
- Understand what new risks autonomy will introduce
- Appreciate potential benefits that autonomy may provide



This lecture or podcast can be included as part of your CPD requirement should you consider it relevant to your professional development needs. It is recommended that you keep any evidence of the CPD activity you have completed and upload copies to the recording tool as the CII may ask to see this if your record is selected for review.