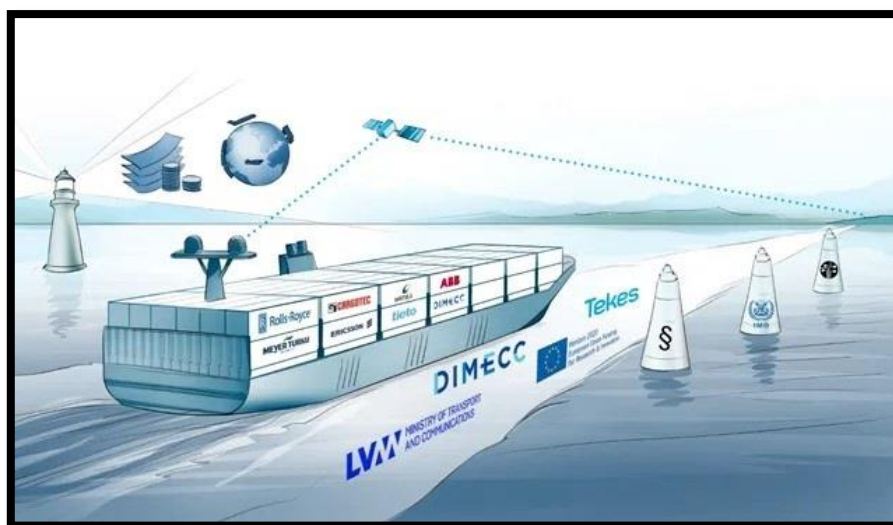


RINA ACT Technical Presentation

Digitalisation in the Context of Autonomous Shipping



The maritime industry plays a crucial role in global trade and commerce, and the utilisation of contemporary technologies is contributing increasingly to safe and efficient shipping operations. As a consequence, there has been a great demand within the industry to introduce and enhance the next generation of technologies in the process of a digital transformation. This has been acknowledged by the International Maritime Organization (IMO) in several documents. A popular example of IMO legislation related to digitalisation is the introduction of the e-Navigation strategy improving the safety and efficiency of shipping operations as early as 2008. Building on these advancements, the industry is now also witnessing a transition towards autonomous shipping. This paradigm shift aims to improve operational efficiency, safety, and environmental sustainability.

This presentation will provide an overview of the current developments at both national and international levels and present AMSA's activities in this space.

About the Presenter:

Dr. Julius Moeller is an Advisor for Navigation Safety and Digitalisation at the Australian Maritime Safety Authority (AMSA). His expertise lies in global digitalisation, cybersecurity, and maritime communications. With a background in computer science and research in maritime digitalisation, Julius has contributed to international maritime standards and guidelines through various technical committees associated with IHO, IMO, and IALA. After completing his PhD in Germany, he relocated to Australia to work for AMSA, where he focuses on designing, implementing, standardising, and validating maritime IT solutions to enhance navigation safety.

Details:

Date: Thursday, 2 April 2024

Time: 18:30 AEDT

Format: Live and Online by Zoom

Venue: UNSW ADFA, Canberra, ACT

Please register your attendance by [clicking here](#).