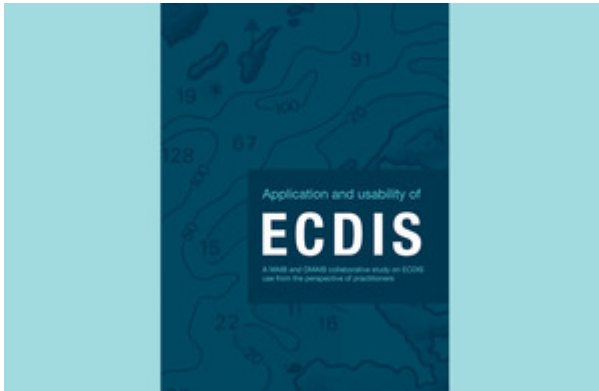


Collaborative study on the application and usability of ECDIS published

News story

MAIB and DMAIB study into Electronic Chart Display and Information System (ECDIS) use from the perspective of practitioners.



Today, the Marine Accident Investigation Branch (MAIB) and Danish Maritime Accident Investigation Board (DMAIB) publishes a study to generate an understanding of the practical application and usability of ECDIS and support future ECDIS design, training strategies and the development of best practices. The study followed a qualitative methodology, primarily based on semi-structured interviews with 155 ECDIS users and observation data gathered between February and July 2018 during sea voyages in European waters on 31 ships of various types.

Joint statement by Oessur Hilduberg, Head of the DMAIB and Andrew Moll, Chief Inspector of Marine Accidents, MAIB:

Investigation of groundings since 2008 have repeatedly shown that where ECDIS was the primary means of navigation it was not being used to its full potential. There was a significant mismatch between the intention of the performance standards and system designers, and the way the watchkeepers were using the system. This study set out to understand whether the findings of accident investigations could be extrapolated as representing the wider marine industry and, if so, why.

Unsurprisingly, the study found a wide spectrum of ECDIS integration and usage, and users were unanimous that the real-time positioning provided by ECDIS was a major contributor to safe navigation. However, thereafter the picture was bleak. Despite being in service for nearly two decades ECDIS could, at best, be described as being in its implementation phase. Specifically, most of the automated functions designed to alert the watchkeeper to

impending dangers were not easy to use and lacked the granularity for navigation in pilotage waters. The consequent high false alarm rate eroded confidence in the automated warning, and most operators disabled the alarms or ignored alerts. To be an effective tool for safe navigation, ECDIS needs a high degree of operator input but many watchkeepers appeared to have limited understanding of the systems they were using, and in the main only used them to the extent they felt necessary. Current system shortcomings, compounded by limited bathymetry data, make safe navigation challenging and do not augur well for future automation of the navigation function.

The study does not make specific recommendations but is intended to act as a catalyst for change. Improvements can be made at every level, from the agile setting of performance standards, through human-centred design to ensure users interface effectively with complex technological systems, down to operator training and the setting of procedures and best practice. Most importantly, if improvements are to be made, digital navigation needs to become the primary means of navigation across the industry.

Published 2 September 2021

[Animal medicine seizure notice: Product stopped at Heathrow Airport August 2021](#)

News story

Details of seizure notice served following product imported along with an animal.



The following veterinary medicine was imported with an animal into Heathrow Airport.

This was identified and detained by an Animal Health Officer and the product was subsequently seized by the Veterinary Medicines Directorate.

The animal was destined for residential premises in West Yorkshire and had been shipped from Australia. The parcel contained:

- 50 x Gabapentin Apotex 400mg capsules

This product was intended for use in a dog and is not an authorised veterinary medicine in the UK and had not been prescribed by a UK vet for use in the animal.

The medicine was seized under Regulation 25 (Importation of unauthorised veterinary medicinal products) of the Veterinary Medicines Regulations 2013.

Published 2 September 2021

[Promotional material: HPV universal vaccination: leaflet](#)

A guide to the human papillomavirus (HPV) vaccination programme, which became universal in September 2019.

[Official Statistics: Latest official statistics on pre-movement and post-movement testing for tuberculosis \(TB\) in cattle in Great Britain – quarterly](#)

Quarterly statistics on tuberculosis (TB) movement tests on cattle in Great Britain.

National Statistics: Latest statistics on milk utilisation by dairies – national statistics

Monthly statistics on the volume of milk used by dairies .