

Title Abstract: A tale of 5 ships

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Todd Schuett is the Innovation Projects Manager at Kongsberg Norcontrol. A graduate of the University of Chicago, he joined Kongsberg Norcontrol in 2000 and for several years managed the VTS training programs. In 2012 he began managing innovation projects, which have included the SESAME e-navigation projects in Norway and the Next Generation VTMS Lab in Singapore. He is an active member of the International Association of Aids to Navigation and Lighthouse Authorities (IALA) e-navigation committee and has served on the IALA e-Learning Workgroup as well as the IALA V-103 Workshops.



Abstract:

This presentation tells the tale of five ships in the SESAME Solution II testbed, each equipped with technology developed in the project, operating in a VTS area, and using e-navigation services provided by the VTS in varying ways to achieve their objectives. While all vessels have the same e-navigation-enabled equipment, namely a Planning Station and ECDIS, some vessels will subscribe to only MSI data, others to ship reporting services, and still others will use the technology to plan all aspects of their voyage, subscribing to several e-navigation services along their route (MSI alerts, route optimization, pilot route, and others), receiving a slot for a just-in-time arrival service, and electronically report to a maritime single window as well as mandatory reporting points, such as BAREP and CALDOVREP. The goal of the presentation is to communicate to the VTS and e-navigation community the preliminary results of the SESAME II testbed, but more importantly describe in very practical terms how VTS centers (and vessels) can exploit e-navigation services and technologies in different ways to achieve their safety objectives.

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