



KONGSBERG

K-SIM® E-LEARNING

*Training
Anytime and
Anywhere*

K-SIM CONNECT

K-Sim Connect is our cloud-based ecosystem for maritime education and training, through which Kongsberg Digital provides simulation and services to all members of the community.

The platform includes a marketplace where you can explore and subscribe to our range of cloud-based simulation solutions

Solutions today include:

- eLearning modules for the existing K-Sim simulators
- Library of K-Sim Engine, Cargo-models and K-Sim Navigation vessel models
- Library of exercise-areas
- Latest simulation news, user stories and research articles
- Information and invitations to webinars and conferences

www.ksimconnect.com

MARITIME RADAR TRAINING THROUGH CLOUD-BASED SIMULATION ON K-SIM CONNECT

K-Sim® Navigation radar application for eLearning

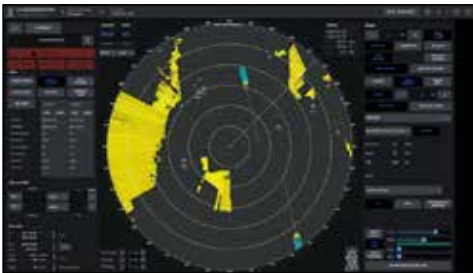
Access to simulators at school can be limited by capacity and school hours, while it is commonly understood that volume training is key to increasing competence. Used as an advanced eLearning tool, our cloud-based radar simulations application enables instructors to facilitate radar training for students, who now can practice anytime and anywhere.

Our legacy in navigation simulation excellence, combined with our state-of-the-art cloud technology, puts us in a unique position of setting a new standard in maritime training. The new K-Sim Navigation radar simulation is designed to be compliant with the IMO Model Courses 1.07 and 1.08. It assists in delivery of simulation-based exercises meeting key learning objectives such as marine radar operational principles; radar navigation and plotting; use of radar in Search and Rescue (SAR); and use of ARPA.

The radar eLearning solution introduces a new line of navigation instruments based on IMO performance standards. Leveraging market-leading K-Sim Navigation functionality and cutting-edge cloud technology, it is a powerful and intuitive tool providing students with optimal realism in radar simulations and training scenarios.



The eLearning application is recommended for volume training and can either be used in a classroom situation, or at home.



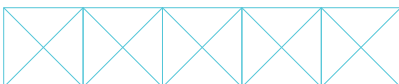
The radar application can operate both X- and S-Bands with gain and anti-clutter, EBL's, VRM's, PI and ARPA.



It is possible to customize the set up for motion, vectors and the PPI, according to the training objectives.



The radar is the first in a line of cloud-based training applications within the K-Sim Navigation portfolio on K-Sim Connect. Supplemented with ECDIS and additional functionality, K-Sim Navigation will constitute a complete cloud-based training solution, compliant with all the requirements for ship officer training as stated in the STCW convention.



A CLOUD-NATIVE SOLUTION

Our cloud-based radar eLearning solution is available on K-Sim Connect, our platform through which we provide cloud-based simulation services to the maritime education and training industry. The instructor tool is easy to use and enables instructors to efficiently manage and distribute exercises to students, with cutting-edge radar simulations.

In contrast with many similar online training solutions, Kongsberg Digital's cloud-based simulations solutions are truly cloud-native, which means that the simulations operate 24/7 without any need to limit the number of instructors and students running exercises at the same time, or for the instructors to book a timeslot on a remote simulator to provide the exercises. Also, there is no need to worry about versioning and compability of software content.

READY-MADE EXERCISES

The radar eLearning is delivered with initial condition exercises. As an instructor, you can choose between a selection of ship models and geographical sailing areas to meet the exact training objectives. You will later also have the option to connect an instructor system for creating your own-made exercises.

LEARNING OBJECTIVES

The radar application, is designed to comply with the IMO Model Course 1.07 - Radar Navigation, Radar Plotting and Use of ARPA and the IMO Model course 1.08 - Radar, ARPA, Bridge Teamwork and Search and Rescue.

It is specifically designed for the following learning objectives:

- Basic theory and operational principles of a marine radar system
- Radar setting and operation
- Using radar to ensure safe navigation
- Manual radar plotting
- Operation of ARPA or radar target tracking (TT) and AIS reporting functions
- Application of COLREGs when using radar
- Use of Radar in Search and Rescue (SAR)

SUBSCRIPTION-BASED SERVICE

The radar elearning module is a subscription-based service and the volume of use can be scaled based on how many students who require access. If you already have a membership at K-Sim Connect, you can visit the portal's marketplace and select the subscription level that complies with your number of students and current eLearning training needs. If you are a new user, please apply for a user access to K-Sim Connect here www.ksimconnect.com before following the same procedure as above.

You can also contact us directly on email or phone. The system is intuitive and easy to use, and our support team is ready to help you to get started.