



The IGF Simulator

at the Faculty of Maritime Studies Rijeka

K-sim Engine Desktop Simulator

The simulation model is developed as a training tool and the main purpose is that it can be used in training courses that complies with the IGF Code. The model is DNV GL Class S approved.

The ERS consists of detailed 2D Schematic operations of all engine room systems for local operations in the engine room. Selected systems are also provided in 3D visual form.

Professional demands are gathered from the following sources:

- International IMO – rules
- National certificate rules
- Pedagogical demands
- Technical demands to equipment

Training elements:

- Training tool in order to deliver training that complies with the IGF (STCW) Code
- LNG Bunkering Operation
- LNG Behavior (Quality)
- Operational Principles Dual Fuel Generation Installation
- Fundamentals of Automation, Instrumentation and Control System

Facilities:

- Fully equipped educational classroom.
- IGF Simulator (Two bunkering operations is delivered on approved IGF simulator which includes Plan and monitor safe bunkering, stowage and securing of the fuel on board ships subject to the IGF Code).

Equipment and licenses:

- 1 x license for Instructor Laptop
- 1 x license for Instructor Station
- 4 x licenses for Student Stations
- 1 Big View License for MC90-V
- 1 Big View License for DEDF-21 LNG Carrier
- 4 x 65" Touch monitors

