Naval Gunnery Simulator

ELECTRO OPTICAL FIRE CONTROL SYSTEM (EOFCS) for 76mm naval gun

- Hardware Control Panel for control of the EOFCS director system and gun safety
- Real life scenario implementation with an exact replica of a real Naval vessel firing control system
- Primary Source Monitor with a virtual 3D view of the daylight TV camera
- Secondary Source Monitor with feedback from the virtual 3D scenario
- Integrated Touch Screen - main control of the EOFCS system
- Real system startup sequence replicated
- Foot pedal for firing of gun

The EOFCS simulator is a hardware and software system designed to replicate the Operators Control System on the ships bridge. The EOFCS simulator teaches the steps required to achieve a valid firing solution in order for the operator to fire the 76mm OTO Melara Cannon at a target.

The EOFCS simulator improves on operator skill, consistency and compliance to protocols. It allows you to deliver training in an efficient manner and reduces the cost of the vessel usage for live firing exercises.
EOFCS Simulator

The EOFCS simulator trains its operators in the correct startup procedures for the system and how to achieve a valid firing solution for the different targets and scenarios which they may encounter in real life.

Customizations

Reamda can customize the EOFCS simulator to client training needs and EOFCS versions.

Instructor Control System

The Instructor Control System is designed to provide complete, intuitive and user-friendly control of the training exercises, while maintaining training records. The Instructor Control System runs on a laptop or a PC independent of the EOFCS simulator. Lessons are setup in the Instructor Control System in which single or multiple targets including friendlies may be chosen.

Target behavior and approach patterns may be changed and environmental conditions may be adjusted such as:

- Time of day which effects brightness and visibility
- Precipitation
- Cloud cover
- Fog
- Wind
- Sea state

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