

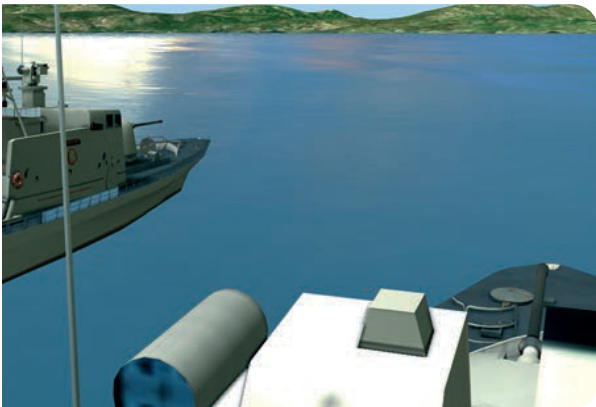
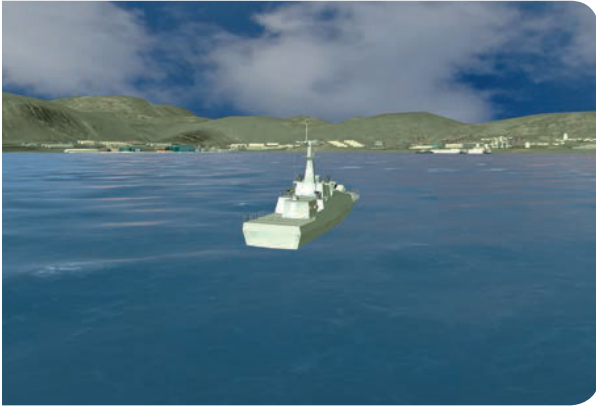


# 3D ENGINE ROOM SIMULATOR

- High Fidelity Marine Engine Room Training Simulator
- Engine Room
- Main Engine Monitoring and Control
- Main Switchboard Consoles
- Generator Room



# 3D ENGINE ROOM SIMULATOR



## Main Features

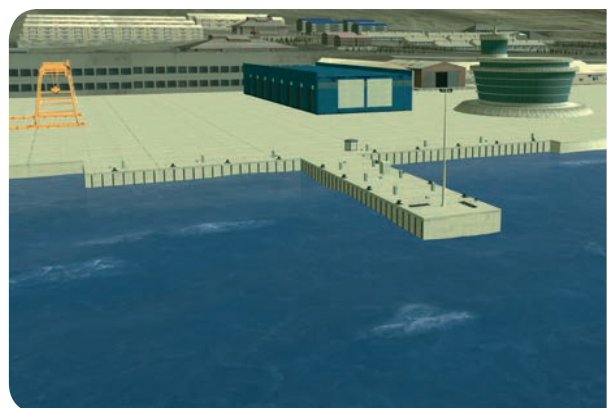
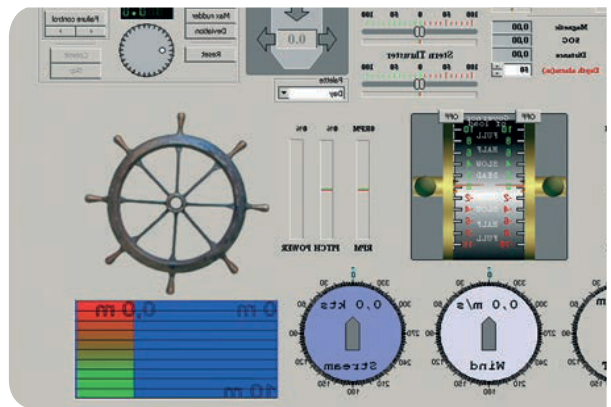
- Engine Room Equipment Familiarization
- Special Training Scenarios with Various Conditions
- Both basic and advanced training of the main engine and related systems
- Virtual 3D presentation of an engine and other associated systems
- High fidelity simulation of related marine systems systems
- Failures and Emergencies
- Mathematical Models
- Team Training

## Advanced Visualisation

- High Resolution and Realistic View
- Advanced Shading and Dynamic Shadowing
- Special Effects
- Environmental Effects

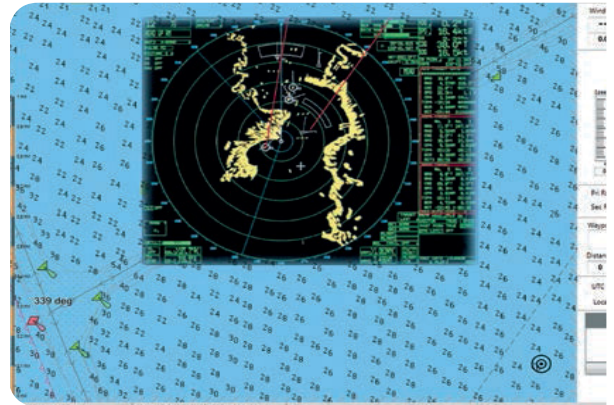
## Performance Evaluation and Scenario Management

- Dynamic Criteria Defining
- Recording and Replaying Simulation
- Reports with Detailed Criteria and Options
- Operation Planning
- Scenario Generation
- Configuration of Parameters



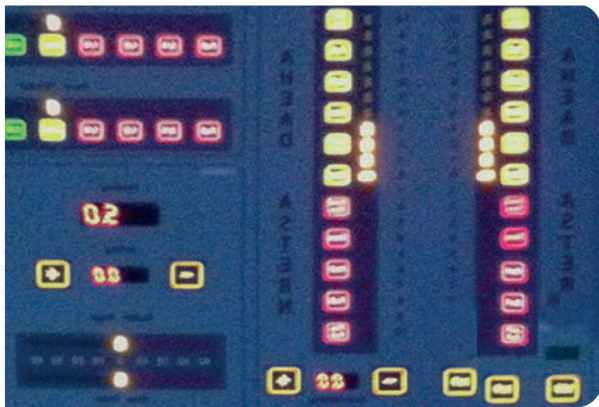
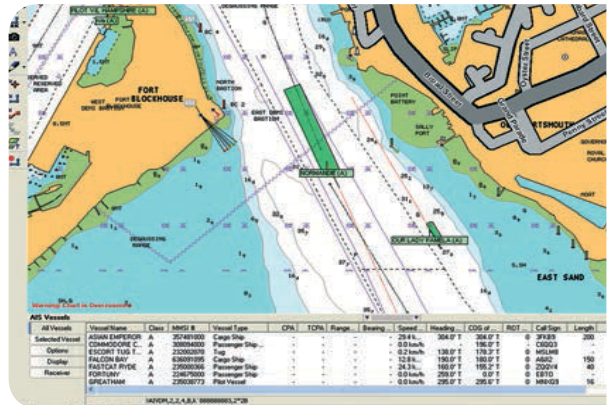


# 3D ENGINE ROOM SIMULATOR



## System Components

- Engine Room Workstation
- Main Engine Monitoring and Control Workstation
- Main Switchboard Consoles Workstation
- Generator Room Workstation
- Instructor Workstation



## Sub-Components

- Fuel System
- Cooling & Fire System
- Lubricating System
- Compressed Air System
- Power Plant
- Emergency Generator
- Sanitary Water System
- Bilge System
- Steering Gear
- Sewage Treatment Plant
- Fresh Water Generator
- Air Conditioning Plant
- Water Mist System
- CO2 System
- Reverse osmosis system
- Hot water boiler
- Refrigerating Plant



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