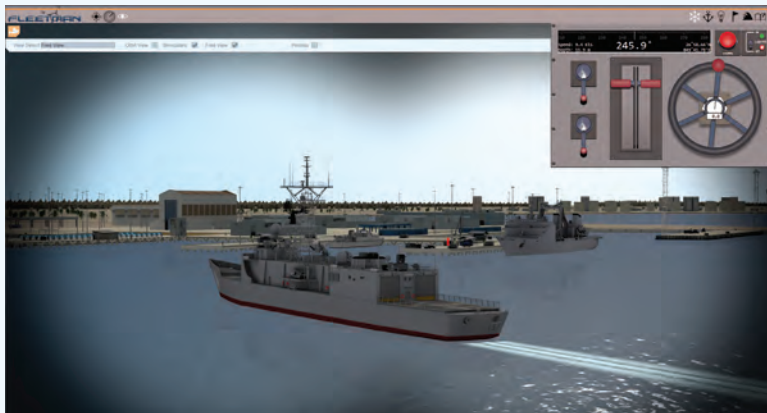Fleetman (FM) is a family of computer-based trainers from DTM Global that uses a high-quality 3D marine environment. Train and test your ship's bridge personnel in all aspects of ship handling, navigation, Rules of the Road, and bridge management. FM displays a virtual environment containing open sea, anchorages, ships, and harbour models. It is a scalable training solution that can run on laptop or desktop PCs as stand-alone trainers or as part of a networked system connected to a Full Mission Bridge Trainer (FMBT). The result is a comprehensive and cost-effective training solution that delivers considerable safety benefits by allowing student skill levels to be developed and assessed prior to exposure to real ships.

FLEETMAN

A 3D virtual marine environment used to teach bridge staff the technical skills necessary to maintain a navigational watch at sea.

DTM GLOBAL

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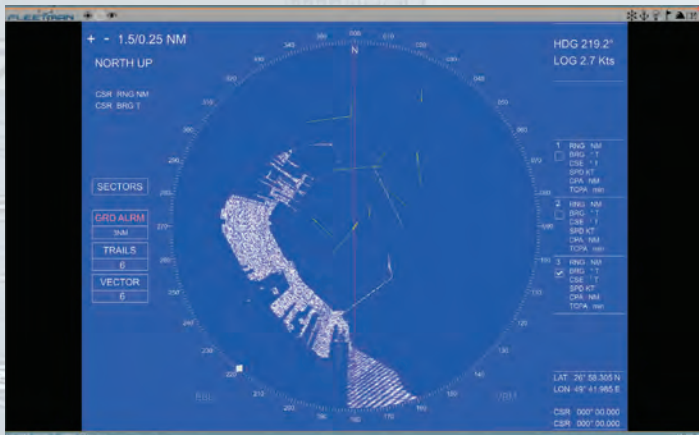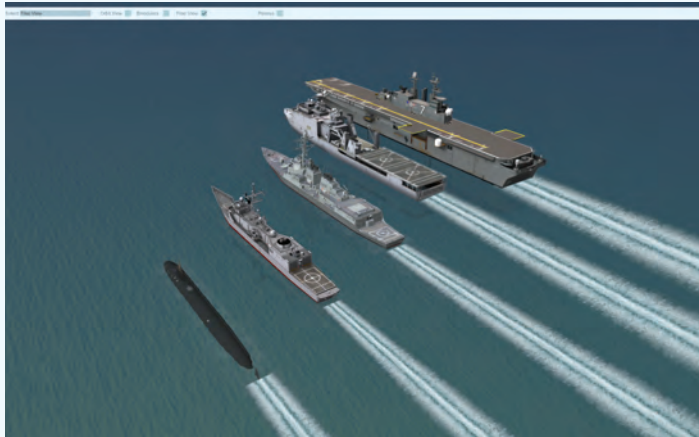
Instructor Options

The instructor is capable of real-time management of the simulation including full control of environmental conditions like wind speed and direction, tidal stream, sea state, visibility in fog or haze, rain, and cloud cover. Various ship models are provided with user-defined platform dynamics including rate of turn, draught, engine configuration, and speed (including acceleration/deceleration). Vessel types inserted to suit user requirements and models can be constructed as an additional cost option.

The main instructor options are:
- Exercise configuration and runtime control
- Introduction and manipulation of multiple targets (air and surface) into the scenario
- Ability to save exercises
- Full object manoeuvring control
- Insertion of machinery breakdowns/failures

Training Features

- Planner for defining position and intended movement for each platform
- Ability for ships to follow predefined course (waypoints/autopilot)
- Collision avoidance (Rules of the Road) by day and night
- Visual signalling (International Code of Flags and Signals)
- Detailed models of new ports and coastline can be added and customised to order, complete with accurate depth information to provide both above-water visual cues and echo sounder information linked to tidal states
- Fleetman can be supplied as a portable option configured on laptops, fixed classroom positions with desktop PCs, or a full-scale bridge with simulation of appropriate equipment and displays

Key Benefits

- Simulation of safety-critical vessel manoeuvring
- Port entry rehearsal including berthing and anchoring
- Fixed and portable variants with multiple display options
- Cost effectiveness through reduced live ship operating hours and fuel costs
- Future-proof and extendable by the use of COTS hardware technology
- In-built conduits for NMEA and DIS

System Requirements

Windows® operating system
Applications distributed over a number of PCs to ensure performance.
Minimum system requirements available on request

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