

6. NAVIGATION BRIDGE DESIGN

Deltamarin offers complete navigation bridge design package including all design disciplines.

The Owner can at an early stage verify the correct shape, layout and functioning of the navigation bridge. This package includes:

- Bridge shape and layout including all the equipment and spaces
- Visibility check and documentation from every location on the bridge
- Working space functions
- Workstation layout and design of the navigation workstations
- Lighting

Additional benefits of the 3-D model are:

- Easy analysis of design using, e.g. VRML (Virtual Reality Modelling Language), Internet compatible model formats.
- Optimisation of ergonomic items such as location of main consoles and handles with the aid of ergonomic simulations.
- Verifying chosen colours in different lighting conditions.
- Possibility to use the 3-D model in training or even in navigation simulator.
- Accurate 2-D drawings based on the actual 3-D model.
- Easy, efficient and fast testing of options.

Selected Customers:

RCI, Celebrity Cruises, Ballast Nedam, Aker Finnyards, Astilleros Españoles

The figure below shows an example of a 3-D navigation bridge model.



