PC MARITIME

Navmaster
ECDIS *for* TRAINING

Navmaster ECDIS for Training is designed to provide a suitable system to organisations which need to deliver generic training in the operational use of ECDIS.

It consists of type approved ECDIS software which can be run on standard PCs and networks.

Navmaster ECDIS for Training being used at the Maritime Institute Willem Barentsz.

It is an ideal resource for companies offering courses to meet IMO Model Course 1.27, enabling them to provide realistic practical ECDIS exercises to complement the teaching of electronic navigation theory.

"Our Navmaster ECDIS training system allows us to take classes of 24 students at once, making the teaching process far less time-consuming. We train approximately 60 of our own students during the third and fourth term of their second year, although in future students will use ECDIS from the beginning. In addition, we take students from other schools in groups of about 14-20 every week.

The classroom is available to students most of the time. Outside of their lectures we see students working with Navmaster; and students returning from their 6-month practical period use the system frequently for preparation and presentation."

Nico Booij, senior lecturer, Maritime Institute Willem Barentsz, Terschelling.

Key Benefits:

- Type approved and up-to-date against all the current regulations
- Supports all official chart formats
- Has excellent route management & passage planning tools
- Electronic charts at half price or in some cases free of charge
- Actual voyage data can be replayed
- Can be connected to real bridge instruments
- Can be interfaced to NMEA simulator programs and bridge simulators
- Straightforward to install and operate

Options:

- Radar video overlay with PC radar card
- Multi-user version for use in a classroom
- Admiralty TotalTide integration for worldwide tidal height & stream
- Tidal atlas display (UK continental shelf)

Type Approved by Det Norske Veritas

DNV

INTELLIGENT NAVIGATION SOLUTIONS

"Most of our course delegates have already used an ECDIS and it takes them a little while to re-align this with the way Navmaster works. But Navmaster is designed to the standard Windows user interface and its buttons and icons have meaning. The delegates use their PC experience and soon find Navmaster to be very straightforward, easy to follow and with no hidden glitches.

As an instructor I find the menus and commands in Navmaster are almost intuitive. It is a great system which seems to comply completely with the IMO standards. The flexibility it offers me as an instructor is very good and I can interface with other ship simulators to give a real-life simulation of a navigational watch."

Vaughan Lewis, Instructor, Maersk Training Centre UK Ltd

Training overview

To operate paperless, shipowners are required to ensure their navigators complete two types of training: generic ECDIS training provided by an STCW approved organisation, and type-specific training often provided by the manufacturer. Generic ECDIS training (IMO Model Course 1.27) covers:

- Principal types of electronic chart
- ENC data & presentation
- Route planning & monitoring
- Display & function of other navigational information
- Errors in displayed data & of interpretation
- Integrity monitoring
- Risk assessment & back-up

At colleges equipped with Navmaster ECDIS for Training, instructors can combine teaching the theory with hands-on experience which is as close as possible to experience onboard. Training takes place in a safe controlled environment and exercises can be run as many times as necessary.
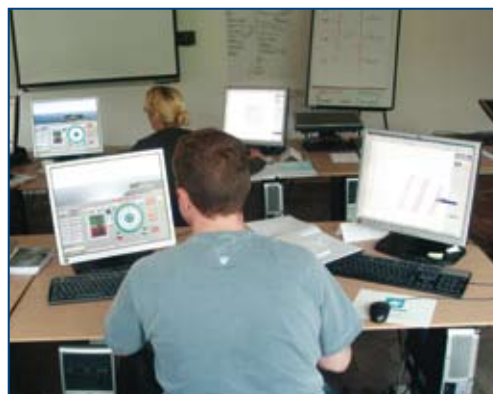
Combine both types of ECDIS training

If a shipping company uses Navmaster ECDIS onboard, its personnel can get both types of training if they attend a college equipped with Navmaster ECDIS for Training.

Approvals
Navmaster ECDIS for Training conforms to all the new standards and test specifications which apply to ECDIS from 1st January 2009. It is type-approved by DNV and also Wheelmark approved.

Display standard
To meet ECDIS presentation standards the system should be run on displays with a screen resolution of at least 1280 x 1024, but it can be run on lower resolutions.

Navmaster linked to a desktop ship simulator at Maersk Training Centre in Newcastle, UK.

Own ship steaming down the Thames with incoming vessel visible and other AIS targets listed in the side panel.

PC MARITIME

PC Maritime Ltd,
Brunswick House, Brunswick Road,
Plymouth PL4 0NP, UK.

Tel: +44 (0)1752 254205
email: commercial.sales@pcmaritime.co.uk

www.pcmaritime.co.uk

ISOQAR
QUALITY
ASSURED
FIRM
ISO 9001

UKAS
QUALITY
MANAGEMENT
026

PC Maritime, a Charente Group company, has a record of firsts in marine software development and marketing. The Company has won four UK Government SMART Awards, one SPUR Award and the Seatrade Award for Safety at Sea.

INTELLIGENT NAVIGATION SOLUTIONS