

# ATM Marine, Inc.

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[www.ftnav.com](http://www.ftnav.com)

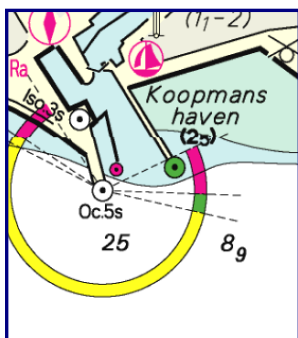
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## FT NavVision™

### Navigation

FT NavVision™ is a modular, integral software solution for the maritime industry. It replaces all instrumentation, switchboards and alarm panels, and allows computer control and monitoring of all data and equipment such as engines, generators, pumps, refrigeration and hydraulic systems, the list is endless. It is possible to use each module as a stand-alone or in combination with other modules.

### Chart information



FT NavVision™ has a very powerful navigation module and supports several chart formats.

### Dutch Charts

The Dutch charts of the "Hydrografische Dienst Nederland" are adapted by the producers of FT NavVision to a very high quality of electronic charts. These charts are comparable to Vector Charts. These charts are shown in 300 DPI and it is possible to zoom in at high level, without any distortion. A new compression technique avoids the problem of huge file sizes normally associated with Raster Charts

### This results in:

- File sizes in the order of 20 times smaller.
- Screen refresh and chart update that are considerably faster.
- Chart quality that is completely comparable to paper charts.

Experiments show that it is possible to move over the chart with a speed up to 2000 km/h. This speed is probably not of any interest to you, but it does say a lot about the quality and the professionalism of the software.

### Third Party Charts

FT NavVision™ uses BSB charts, Raster Charts that are updated by the producers to Notices to Mariners periodically. Most navigational charts are in this format and are produced by several hydrographical offices world wide.

### The result is:

- A high quality of reproduction.
- Seamless Charts.
- A very good price-performance comparison.

### DKW charts

With FT NavVision™ it is also possible to import DKW charts (WinGPS Pro).

### Scanned charts

With FT NavVision™ it is very easy to scan your own charts. A Scanning Module is included which allows the importation of any chart or map.

### Bitmap charts

When it seems easier to have a chart digitised by professionals, FT NavVision will also import those. Different companies will digitise charts for you economically.

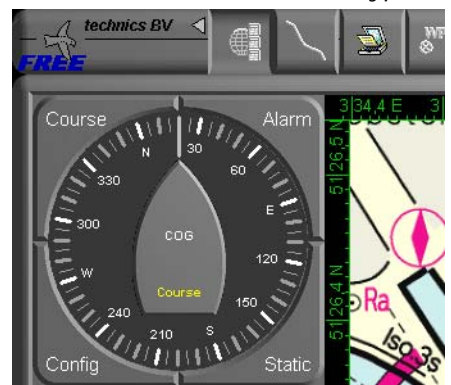
### Waypoint database

FT NavVision™ includes an extensive database of all well-known waypoints of the Netherlands and France. It is also very simple to add your own waypoints.

### Communication with GPS

It is easy to transfer waypoints to and from the GPS.

There are many GPS models recorded in the communication module of the waypoint



management software.

### Instruments

Additionally three instruments showing NMEA data may be overlaid on the left of the navigation screen.

### Autopilots

Autopilot output is supported, as well as a Virtual Autopilot for nke autopilots