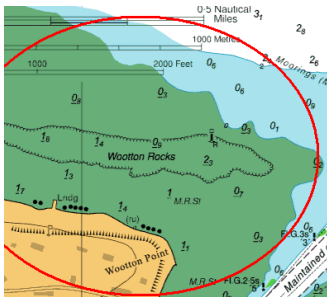


# Chartplotters..vector or raster ?

**For reference:** A raster chart is a “pure” official (UKHO, Imray, etc.) chart drawn by a professional cartographer and presented in electronic form. A vector chart is a purely digital derivative of the raster chart containing the information in a paper chart, but rendered into an image by a computer on the fly.... and sometimes not that well !



Raster



Vector

Raster charts tend to have far more detail, esp. over drying areas.... but for electronic use take up far more storage space and will not be totally seamless in use. They are based on the original professionally drawn chart.

Vector charts will appear seamless in use, take up less storage and appear “crisp” on your screen. All built in marine chartplotters will be using vector.



**In our opinion** you can't beat raster for close up work (where your small boat is most in danger).

Tall ship aground on Wootton Rocks

For deep sea passage work vector is fine.

“So in conclusion we would advise that you always use the **largest scale** paper chart for close to shore work if using a vector based chartplotter. OR have a plotter that uses familiar raster charts, if only as a comparison or backup for close up work.”

All our products only use Raster Charts



## Windows based chartplotters

### Charts for “SeaClear”, our best seller by far.



Simple effective and stable, SeaClear will run on *low powered and old machines* effortlessly .. as well as the new W 8.1 tablets.

Fully installed lightning fast versions available on DVD or USB “Ignition key” dongles



Prices from £29.50 for all UK/Ireland (800+charts) on DVD, to £70 for UK/IRL/FR/BE/NL/ES/P on USB



We also bundle Android compatible charts with this, allowing 2 Windows and 2 Android activations. So use on big screen Windows at home and also on Android tablets on board.



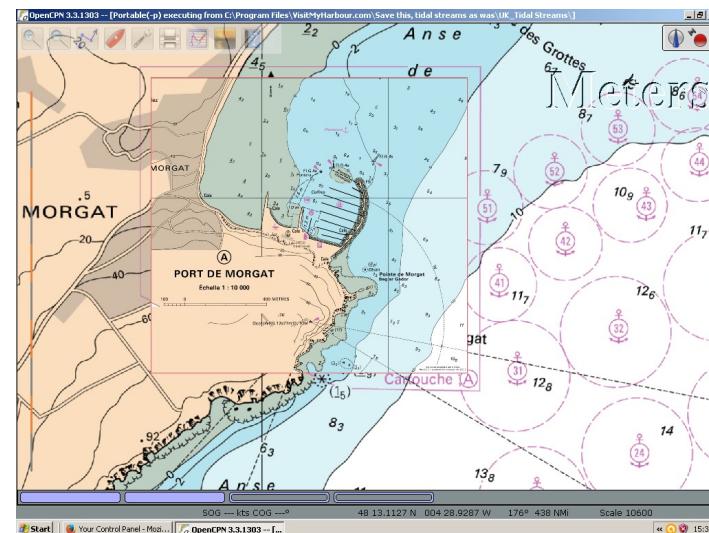
You prefer OpenCPN ?

Or maybe Polar Navy ?



These programs have more features than SeaClear, and “quilt” raster charts together to give a more seamless experience. BUT they need more powerful machines to work effectively. They are heavy on graphics. We make compatible charts on portable “ChartSticks”.

Prices from £39.50 to £70 depending on coverage



Quilted French raster charts in OpenCPN (Windows)



## Android based chartplotter



“Marine Navigator” from the Google Play Store is superbly easy to use chartplotter, making full use of built in GPS (and compass) provided on most Android devices.

**Fast start - Self contained - Portable - Low power**

It's hardly surprising that tablet based chartplotters are really taking off. We bundle Android charts with our Windows based SeaClear products... but also sell them alone, by download.

“They are esp. suitable for sailing boats where power is at a premium”

Downloadable chart packs from £14.99 (all UK/Ireland)