

Chart Basics

A guide to charts and marine publications and how to read them





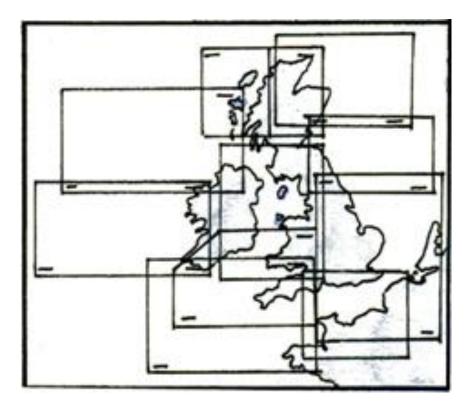
This presentation takes you through the basic information on marine charts and other marine publications





Types of Chart

A number of agencies in different countries produce charts



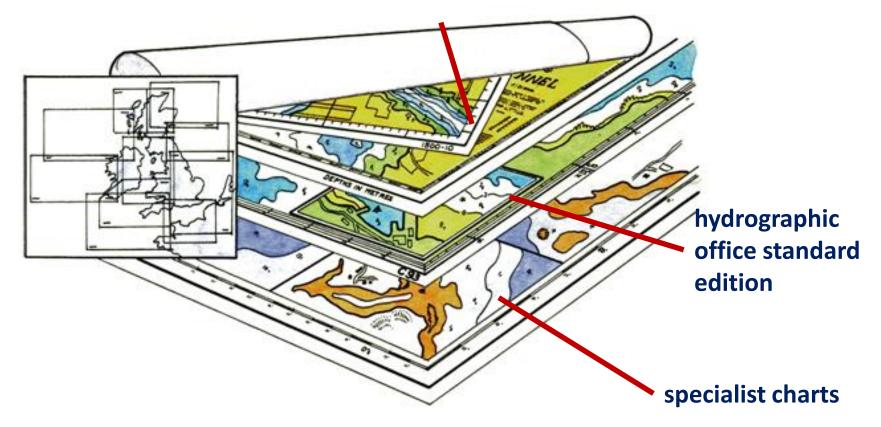
A chart catalogue shows the coverage available within various folios





Standard Charts

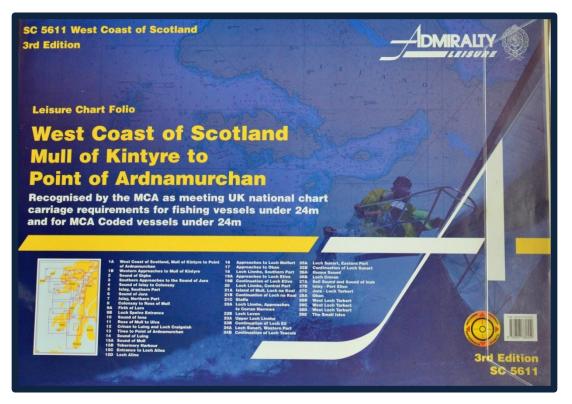
small craft charts





Small Craft Folios

Usually contain ten or more charts...

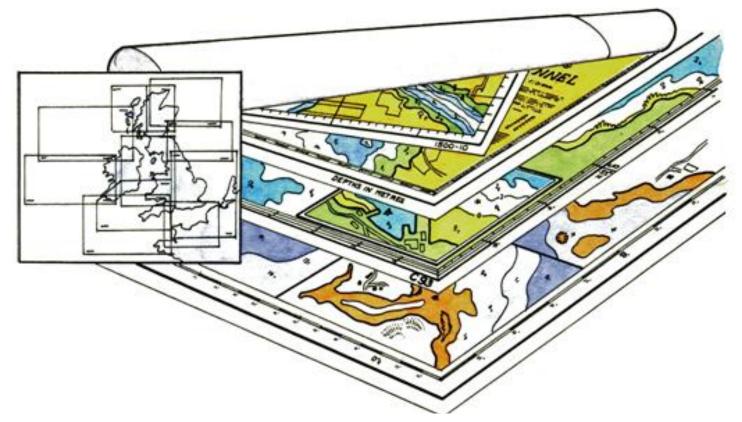


Designed for use where chart table space may be limited, they cover many popular sailing areas around the world



Chart Maintenance

Charts should be kept up to date...



Corrections can be found in the Hydrographic Office 'Notices to Mariners'



Electronic Charts

Electronic charts are now very popular, they can be displayed on a dedicated plotter, PC, tablets and even smart phones



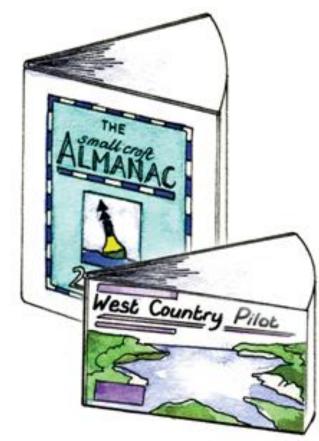
Updates are available on CD ROM or via the internet

It is important, however, to also carry paper charts in case of electronic failure or mishap



Almanacs & Pilots Books

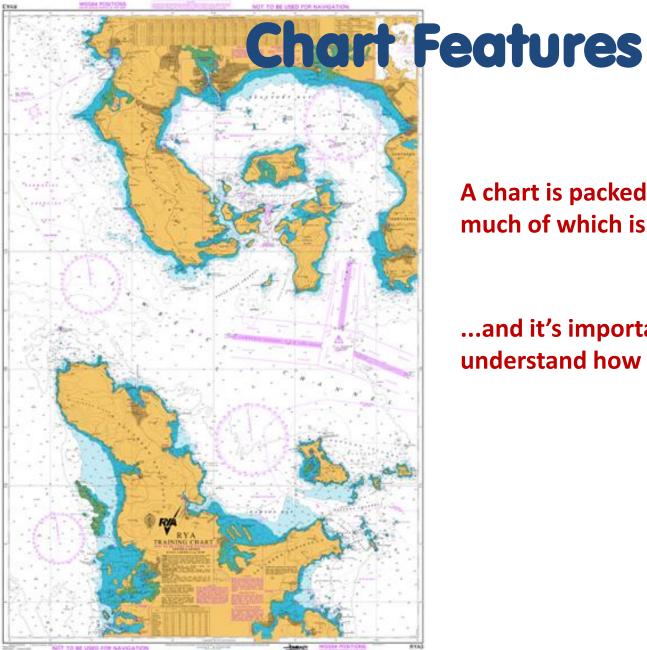
Dedicated pilot books are often available for specific areas



Small craft almanacs give information on topics such as:

....tidal heights and streams, pilotage and passage planning, weather and communications

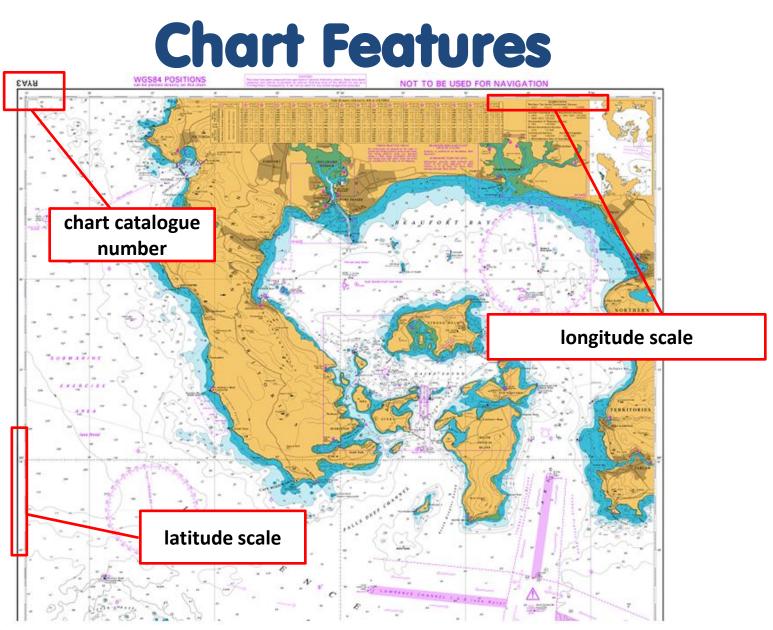




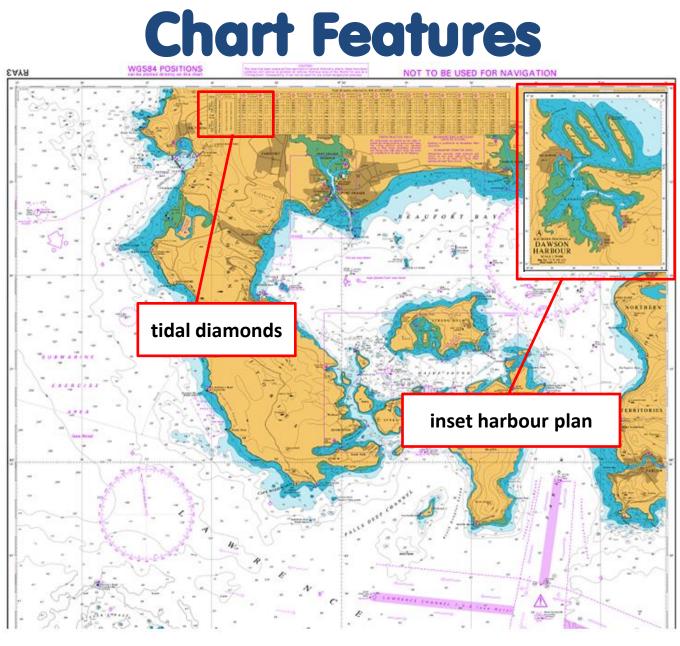
A chart is packed with information, much of which is abbreviated...

...and it's important that navigators understand how to read these

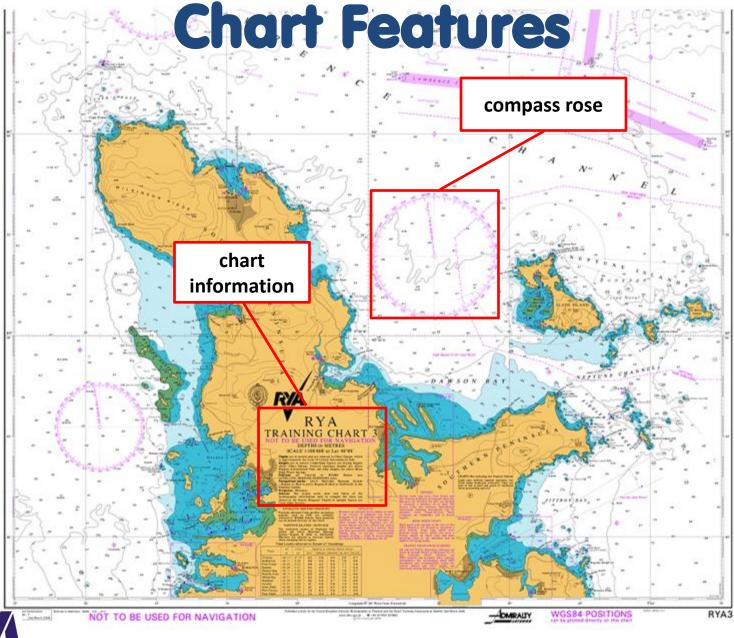




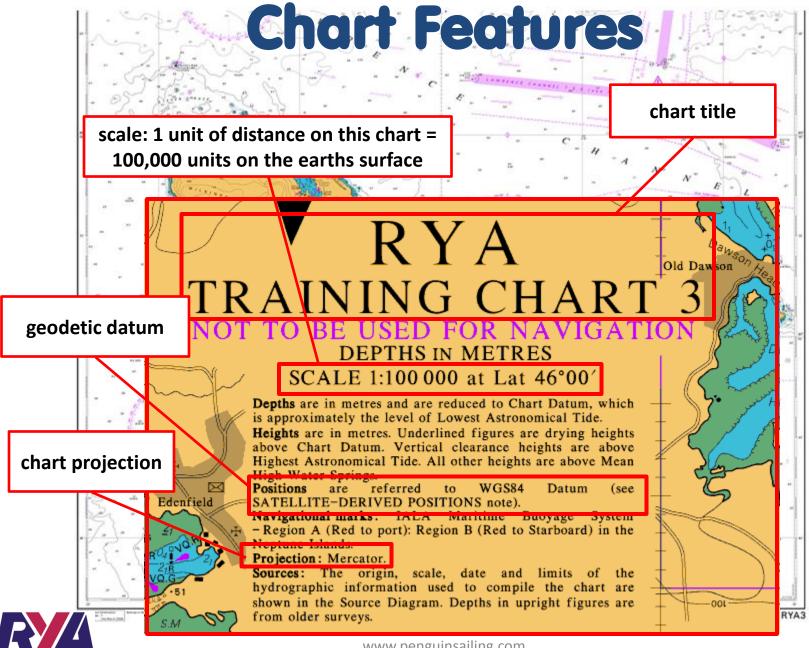












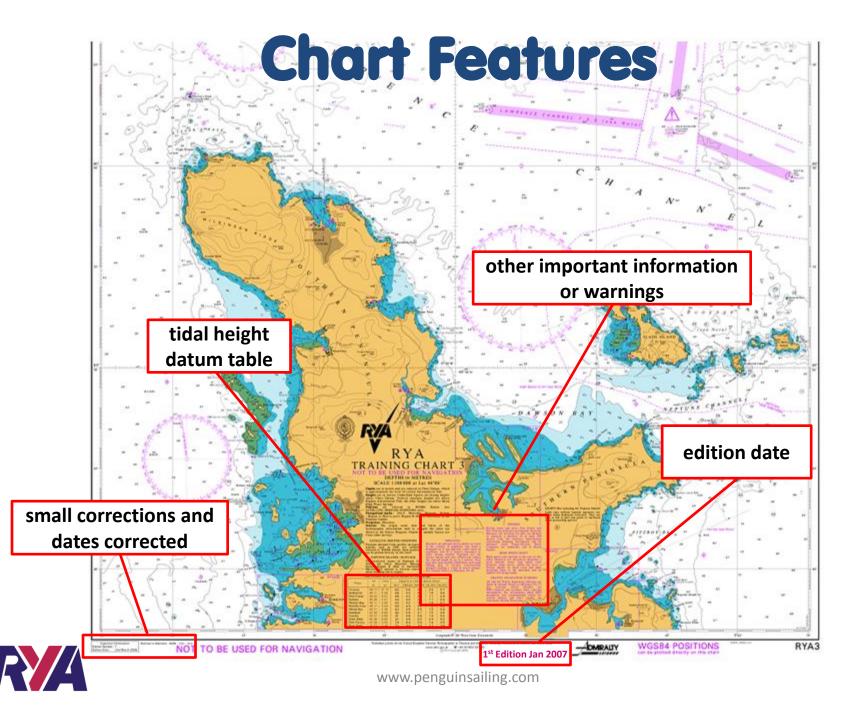
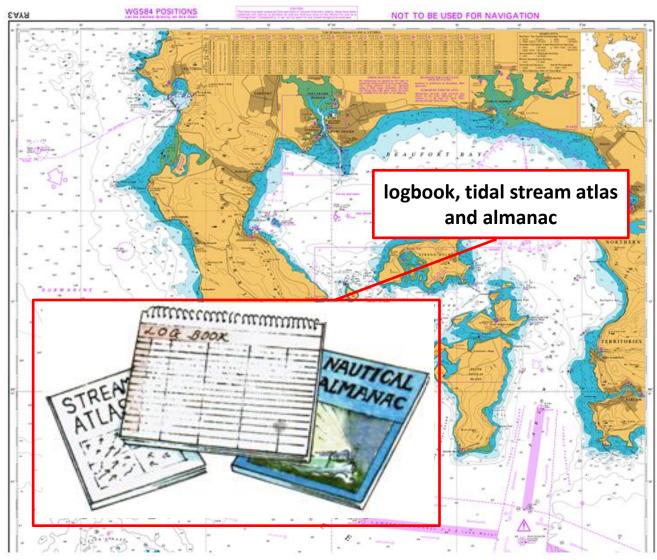


Chart Features



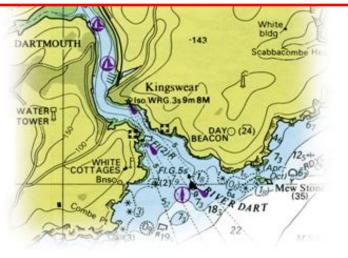


Symbols & Abbreviations

Like land maps, charts use symbols and abbreviations to show useful and important features

A key to chart symbols can be found in the publication, *Symbols and Abbreviations* supplied by the Hydrographic Office

For the purposes of this course they can also be found in the RYA Training Almanac





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Further Reading



We highly recommend Tim Bartlett's **RYA Navigation Handbook (G6)**

You can buy a copy of this book by visiting our on-line shop