

# ENC EXPERTISE

## ELECTRONIC NAVIGATIONAL CHARTS



KH Charts possesses ENC expertise in abundance. Equipped with the widest range of Electronic Navigational Charts (ENCs), innovation and in-depth knowledge of the industry and the regulations, KH Charts has a winning combination. KH Charts - a partner for the simple and safe transition from paper to digital navigation.

### MANDATORY CARRIAGE OF ECDIS

The move towards mandatory ECDIS has now started. This means that vessels falling under mandate must comply with the carriage requirements for ECDIS. This brings together hardware, training and data. Compliance now needs to be demonstrated on all new passenger ships above 500gt and all new tankers above 3,000gt. New cargo ships above 10,000gt must comply by July 2013. New cargo ships above 3,000gt by July 2014. Existing passenger ships above 500gt and by 2015, existing tankers above 3,000gt must be in compliance. For existing cargo ships, those above 50,000gt must comply by July 2016, above 20,000gt by July 2017 and above 10,000gt by July 2018.

ECDIS mandate does not mean that paper charts are not required. Compliance means the decision has to be made to fit one or more ECDIS, with a backup. Flag State requirements need to be consulted and the electronic chart data, the fuel for ECDIS, needs to be selected. Paper charts may be used as a backup.

This paints a challenging and confusing picture. KH Charts has been dealing with the move from paper to digital navigation for many years. As an authorised digital distributor not only for the Admiralty but also several other official suppliers of ENCs, we have led many shipping companies through the transition maze.

### ELECTRONIC NAVIGATIONAL CHARTS (ENCs)

Electronic Navigational Charts (ENCs) are digital vector charts produced to International Hydrographic Organisation (IHO) standards. As an independent distributor of ENCs and other digital chart products, KH Charts can recommend and supply the best solution for your vessel or fleet needs.

We are authorised distributors of ENCs from a range of suppliers:

- Admiralty Vector Chart Service (AVCS)
- Jeppesen
- Primar
- Transas
- ChartCo

# ELECTRONIC NAVIGATIONAL CHARTS

## THE WAY WE WORK

Our team of digital product experts is always available to assist with migration from paper to electronic products and services. We will advise on the most appropriate products, with options that include ENC's only, through to ENC's mixed with various backup solutions including paper.

Once electronic indexes have been agreed, our team ensures that permits and the ENC cells themselves are supplied to the ship promptly. Regular coverage reviews take place to deal with changes to voyage and additional ENC coverage.

Permit expiry reminders are supplied and a pro-active approach to renewals and provision of data is taken. This is especially important with the current choice of permit durations.

## THE PARTNER YOU NEED

The combination of mandatory requirements, increasing variety of ENC's, a wide range of updating systems and complicated pricing and permit arrangements means that today the effort of using electronic charts while ensuring compliance is considerable.

As an expert in the arena of electronic data, KH Charts is the partner you need. Make transition easy.

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**MORE THAN JUST CHARTS...**

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