ALL YOU NEED TO NAVIGATE SAFELY

KH CHARTS PRODUCTS AND SERVICES

MORE THAN JUST CHARTS...
KH Charts, part of the Kelvin Hughes Group, is the world’s largest stockist and distributor of navigational data including charts, marine technical publications and digital products. Innovative solutions combined with global locations mean that KH Charts can provide a market leading solution to the most demanding of fleets.
KH Charts has played a key role in the servicing of the shipping industry for many years. It is still the world’s biggest distributor of navigational data and has unrivalled stock, global coverage and a reputation for looking after its customers.

**WHY KH CHARTS?**

KH Charts, formerly the charts business of Kelvin Hughes operates from several strategic locations worldwide and a network of approved sub-distributors extend KH Charts’ service into all corners of the globe. Today in excess of 10,000 chart corrections per year are supplied through our high capacity chart correction service to thousands of ships worldwide.

From small beginnings at a shop in central London in the 1940s, supplying nautical paper charts and publications to ships’ captains, KH Charts pioneered the introduction of new services to make the navigator’s work easier, quicker and more accurate.

History and expertise in paper products is only the start. The maritime community is rapidly accepting the use of electronic information, technology is assisting this and mandatory carriage of ECDIS has started. KH Charts has digital experts who can advise how best to transition from paper to digital products, ensuring that vessels are kept safe and compliant. As an agent of ChartCo, KH Charts can also provide the world’s market leading update solution.

Not only does KH Charts have a proud history, its innovative capabilities have always kept it ahead of the competition, and with its ‘customer first’ approach, KH Charts has complete capability that offers an easy route to safety and compliance.
THE START OF SOMETHING GOOD
With global stock locations, KH Charts is always ready to supply a comprehensive package of new build products and services anywhere in the world. With a dedicated new build team we are able to quickly list what charts and publications should be carried and recommend what is best practice. KH Charts can work from ship type, a trading pattern or simply a list of ports to produce a number of outfit options.

**COVERAGE DESIGN**

KH Charts provides expert assistance from full coverage design through to verification of your chosen list of navigation charts and publications. Recognising the growing need for electronic products, this list provides comprehensive information on available electronic replacement products. These choices provide the Ship Operator with valuable information upon which to base a decision.

**FULLY UPDATED**

All initial supplies leave our warehousing facilities completely up to date. Keeping thousands of charts updated is no small task and this is carried out using a combination of Print On Demand and applying corrections by hand. Publications are supplied with the latest supplements, assisted by our ‘value add’ Loose Leaf product.

**NEW BUILD TRANSIT FOLIOS**

For large new building programmes, KH Charts offers a separate transit folio, which can be used by each vessel to transit from the shipyard to its normal trading area. After use KH Charts stores and maintains the transit folio until it is required by subsequent new build. It is then updated and supplied to the next vessel leaving the shipyard.

**FLAGS AND INSTRUMENTS**

KH Charts stocks everything that is needed to fully equip a modern bridge. Despite the use of technology, flags and other bridge supplies are always needed and can be supplied in the new build package.

In addition our Chartroom New Build Kit contains all the essential instruments for safe and accurate navigation and chart correction on board.

**MORE THAN JUST CHARTS...**

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Pioneered by KH Charts, Outfit Management Service (OMS) plays a key role in assisting the navigating officer with their workload. OMS is now the standard against which all other similar services are judged, removing the burden of information management and reducing the risk of not keeping your vessels compliant with carriage requirements and current international regulations. The OMS system is provided to subscribers free of charge.

**HOW DOES IT WORK?**

KH Charts maintains a list of the charts and publications required for a vessel’s general trading pattern. This ‘Index’ forms the basis of how the Outfit Management Service (OMS) operates and dictates which new edition items and correction data is sent to the ship.

Advance information on new editions and new issues of charts and publications are fed into our OMS software. This information is compared against our stored indexes and at specified regular intervals new edition charts and publications which have become available are collated, called off and supplied. They can be despatched either to a fixed destination, or as directed by the customer.

The large range of products stocked by KH Charts and the multiple strategic locations coupled with custom built software developed over many years drive the success of the OMS service. Complete flexibility in the frequency, method of delivery and products required makes this a truly world leading service.

**FLEXIBILITY**

Automatic: New editions despatched automatically (usually monthly) to a specific consignee/destination.

On Demand: New editions despatched as and when required.

Advisory: Advice of new editions is sent to the customer by email and the customer then chooses which items are despatched.

**BENEFITS**

- Global distribution outlets reduce freight costs and delivery times
- KH Charts management of products and outfits reduce ship operator management time and cost
- Dedicated KH Charts account management team means fast, accurate responses
- Peace of mind
- Expert help in the design of chart and publication indexes
- Easy transition from paper to electronic charts and publication services

**SUMMARY**

Today there is an ever increasing emphasis on the safe operation of vessels. KH Charts OMS is an effortless way of ensuring that your vessels’ chart and publication outfits, both paper and electronic, always adhere to the requirements of IMO SOLAS and International Shipping Regulations.
The Customer Portal provides you with a window into our operation. Using password protected access our Outfit Management Service customers are able to gain a detailed view of the services, digital licences or permits held by each of their vessels. Other critical information is also visible including invoicing and tracking details for each shipment and comprehensive ship outfit details.

THE CUSTOMER PORTAL

KH Charts believes that providing up-to-date data is essential to the success of Ship Operators. Using secure encrypted access the Customer Portal is designed to allow both Ship Operators and individual vessels access to the information. The data held in the portal is refreshed in near real-time to ensure that accurate data is available at all times.

This access is included free of charge as part of our OMS service.

KEY ADVANTAGES

- Up to date ship indexes
- List of new editions pending
- View correction lists and logs
- List of vessel subscriptions (can also view at fleet level)
- Airway bill details (carrier and tracking information)
- Full reporting functions in a variety of formats
- History of deliveries made to each ship
- Financial and spend reports
KH Charts is the world’s largest stockist and distributor of paper charts, navigational data and marine technical publications. A huge amount of resource goes into ensuring up-to-date paper charts and publications are in stock and fully corrected in multiple strategic locations around the world.

**PAPER CHARTS AND PUBLICATIONS**

Our charts are kept up-to-date on a daily basis and there are over 50,000 in stock at any one time. The procedures in place allow our skilled correctors to maintain the highest, Admiralty audited, standards.

Corrected Admiralty charts, charts of the USA from NOAA and AGA, Australian and Japanese charts are all stocked, as are charts from many other hydrographic offices around the world. As the world leader in marine navigational supplies, we also have brands dedicated to the supply of charts and publications for super yachts and leisure boating.

Our extensive product portfolio and experience enables KH Charts to offer a complete range of services for the maintenance of your paper products and safety of life at sea (SOLAS) compliance.

**ADMIRALTY**

Admiralty produces over 3,300 Standard Nautical Charts and a wide range of thematic charts for specialist use.

Sailing Directions are designed for use by the merchant mariner on all classes of ocean-going vessels with essential information on all aspects of navigation. Sailing Directions are complementary to Admiralty Standard Nautical Charts and provide worldwide coverage in 74 volumes.

The Admiralty List of Radio Signals provides comprehensive information on all aspects of maritime radio communications. The data is organised into six volumes, some divided into several parts for ease of handling.

The Admiralty List of Lights provides extensive information on all lighthouses, lightships, lit floating marks (over 8m in height), fog signals and other lights of navigational significance. Other publications complete the range including titles such as The Mariners Handbook and the Admiralty Guide to Updating.

**NATIONAL CHARTS**

KH Charts, as the number one global supplier of navigational charts and publications has agreements in place with relevant national authorities to enable us to supply you with all your paper chart and publication requirements. In addition to British Admiralty we are official distributors of US, Canadian, Dutch and Japanese charts.
KH Charts has a solution for every single aspect of marine charts use, management, maintenance and compliance. These services have been developed over years of listening to our customers and offer the most flexible, efficient and compliant solutions.

**CHART MAINTENANCE**

Charts are continuously being updated, sometimes with a number of corrections needed for each chart along a route. The workload is high especially when it comes to a vessel carrying many charts covering multiple routes. KH Charts has an extensive tracings service that addresses this very issue, removing the burden from the mariner and providing a reliable method of ensuring up to date folios of charts.

Tracings are distributed weekly or at other intervals according to requirements and can be shipped directly to vessels or consolidated for delivery to offices or shipping agents.

- Efficient and accurate correcting method.
- Up to 90% time saving in chart correction processes.

**LOOSE LEAF**

One of many solutions first delivered to the market by KH Charts. This is a Loose Leaf Replacement Service to the Admiralty List of Lights and Radio Signals.

- Efficient and accurate correcting method.
- Simple single page replacement method.
- Comes complete in update packs.

**GLOBAL PRICING**

No other chart distributor can offer full global pricing. No matter where you take delivery of products our global pricing scheme means the prices you pay will stay the same in the same currency.

Making things easy... the KH Charts way.

MORE THAN JUST 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 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 and new cargo ships above 3,000gt by July 2014. By July 2014, existing passenger ships above 500gt and by July 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 mandation 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
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 ENCs only, through to ENCs 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 ENCs, 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.
KH Charts provides a wide range of digital products to help ease the transition for the mariner from paper to digital. Many publishers are offering a growing range of digital publications and information, with various methods of delivery and licencing. KH Charts can advise on all aspects of replacing paper with digital.

**E-PUBLICATIONS**

E-publications are now available for all major IMO titles and other publications that make up a ship’s library. Key benefits of e-publications over traditional paper include:

- Advanced search facilities
- Ability to add bookmarks
- Ability to add your own annotations
- Resize font
- Ability to print sections from the e-publication
- Single or multiple user option

Free e-reader software can be downloaded or a free CD containing the reader and titles can be delivered. KH Charts offers publications from a number of publishers, including Witherby and IMO.

**ADmiralty Digital Products (ADP)**

Admiralty Digital Products (ADP) are a digital version of the UKHO’s industry leading Admiralty Nautical Publications used by mariners around the world. ADP has been designed to meet SOLAS carriage requirements and, where approved by a vessel’s Flag State, can replace the requirement for carriage of traditional Admiralty paper publications.

- Admiralty Total Tide (ATT) equivalent to 4 paper volumes
- Admiralty Digital List of Lights (ADLL) equivalent to 12 paper volumes
- Admiralty List of Radio Signals (ADRS6) equivalent to 7 paper volumes

All three digital publications are provided on a single CD and can be individually licensed, installed, used and updated via a single common interface that is quick and easy to use.

**REGS4SHIPS**

Regs4Ships® offers digital equivalence of paper publications for Flag State and IMO regulations. Available on a CD-ROM/ DVD and download from the web, this service provides an efficient and effective way of ensuring that a vessel is carrying fully updated regulations. Regulations with Regs4Ships® are continually updated and supplied under an annual subscription which includes:

- All current Merchant Shipping Legislation as well as IMO publications such as SOLAS, MARPOL and STCW
- Acts, Regulations, Codes of Practice, Shipping Notices, SOLAS, MARPOL and STCW
- Fast linking between all related documents - Regulations, Shipping Notices, SOLAS, MARPOL and STCW
- Fast, accurate, and searchable databases
- Email notifications of changes in legislation and key dates
- Every regulation in force, all fully amended and up to date
COMPLETING THE PICTURE
Go no further than KH Charts for all your equipment, flags, brassware, clocks and bridge supplies. Signs and safety posters can also be provided.

EQUIPMENT

KH Charts offers the finest and largest selection of high quality navigation tools for the discriminating navigator. This includes a wide range of dividers, sextants, plotting tools, writing instruments and navigation sets.

All our navigation and plotting instruments can be supplied individually or as part of our Outfit Management Service ensuring that you have complete chartroom management service and support.

KH Charts offers many exclusive equipment and instruments, including the industry renowned Kelvin Hughes Chart Correcting Kit. Our entire range of chart work tools are produced to the highest standards and designed to cope with the harsh marine environment.

- Flags and Brassware
- Bridge Supplies
- Ships Clocks

FLAGS

We offer one of the largest ranges of flags for marine use with options to suit all budgets.

Our range includes both printed and hand sewn flags and covers the following areas:

- Flags of all nations
- International code of Signals
- Bunting and Table flags

BRASSWARE AND CLOCKS

From the bridge to the boardroom - our exclusive collections of precision made instruments will suit your needs.

Collections include ship’s bell clocks – 8-day wind and battery operated, quartz clocks, time and tide clocks, and barometers housed in forged brass cases or chrome over brass cases, stamped brass, aluminium or stainless steel cases at various price points that will work with your budget.

COMPASS ADJUSTING

KH Charts employ trained and highly skilled compass adjusters. They are available 24 hours a day to service and repair magnetic compasses.

MORE THAN JUST CHARTS...
As an agent of ChartCo, KH Charts is perfectly placed not only to supply the necessary information but also to keep it up to date. In today’s environment authorities expect the latest data prior to sailing. Safety conscious ship operators need information to be kept up to date throughout the voyage. ChartCo is the market leading solution with a rapidly growing customer base and over 5,500 ships subscribing worldwide.

THE CHARTCO PEDIGREE

From its formation in 1998, ChartCo has established itself as a world leader in the supply of marine data services and products to an ever increasing client base.

ChartCo is justifiably proud of its track record: a unique global broadcast service; first to market with an ENC and ARCS update service and a comprehensive range of data products.

Maintaining its innovative stance, ChartCo has recently introduced PassageManager™, a comprehensive passage planning and product management tool which reduces the time and effort required to plan voyages and acquire the necessary charts or ENCs. PassageManager™ can also provide comprehensive port and piracy data.

Every ChartCo customer receives the most advanced 24/7 technical support from the in-house Support Desk. All the staff providing this support are experts in the software and skilled IT engineers.

Today, ChartCo continues to innovate and develop cutting edge data products and is widely regarded as the leader and expert within its field.

CHOICE OF DELIVERY SYSTEMS

With the largest choice of update services available ChartCo also boasts comprehensive methods of delivery. This is achieved via its unique broadcast system, by email or the internet.

TURNKEY PROJECTS

ChartCo offers full project management of single vessels or a fleet-wide installation. ChartCo can also provide fully configured PCs if required.

With trained engineers around the globe, any vessel can be fully operational within days of confirmation of order.

CHARTCO SERVICES

- Paper chart corrections for British, US, Australian and Japanese charts
- Notices to Mariners
- ENC updates
- Weather
- Comprehensive port data
- Piracy data
- International news and sport
As the largest distributor of charts, publications and maritime data to the shipping industry, working with the best freight specialists in the world, KH Charts completes over 600 deliveries around the globe, every day. This high volume of deliveries and an expertise in global logistics means KH Charts can provide cost-effective and reliable deliveries.

**FREIGHT PROGRAMME**

As part of our global customer service offering KH Charts provides a comprehensive door-to-door international logistics service. This covers all modes of transportation including courier, air, ocean and road supported by over 550 SDV offices worldwide. In addition to transportation we offer a full documentation service to meet all legislative requirements for import and export in the countries of origin and destination. As well as working with all the major global logistics companies we use a range of regional freight specialists where these can provide the best local service.

KH Charts works with many of the most demanding fleet managers who expect on time deliveries of mission critical charts and books no matter where they are in the world. Not only do they demand the best in freight arrangements, they expect a value for money partnership and with our knowledge and experience this is what KH Charts delivers.

**DELIVERY AND TRACKING**

Delivery advice and tracking information can be sent to the ship, company distribution agent or company office and through the Customer Web Portal deliveries and freight tracking can be accessed in near real-time with your unique username and password.

MORE THAN JUST CHARTS...
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