



AVCS

ADMIRALTY

Vector Chart Service

The world's leading ENC service, helping your crews to navigate safely and efficiently

Offering:

Global maritime ENC coverage with more routes and ports than any other competing service

100% official ENCs with certification to aid Port State compliance

Operates on all ECDIS makes and now available on 1 DVD

Unique ADMIRALTY Information Overlay (AIO) for additional passage planning information

Weekly updates available via email, online or on CD and DVD

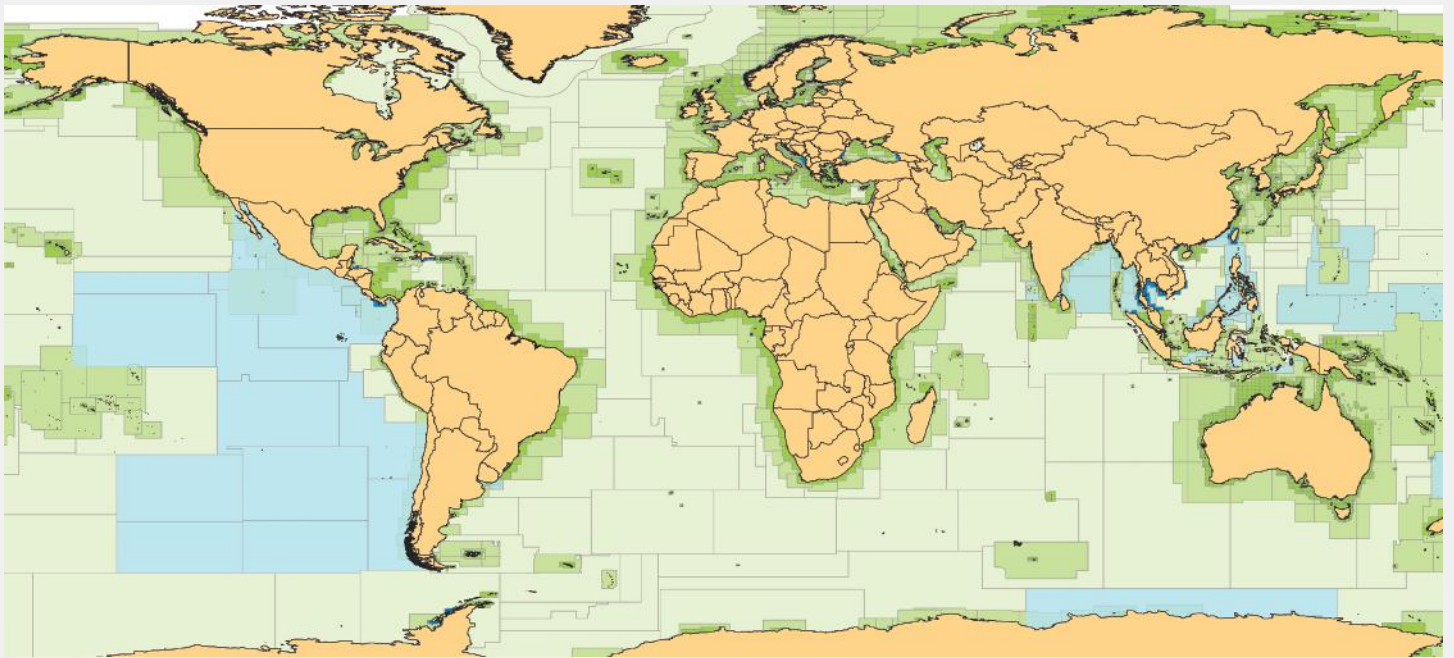
Includes:

ADMIRALTY e-Navigator Planning Station if required

3 months ADMIRALTY Digital Publications trial – free for new ADP customers



United Kingdom
Hydrographic Office



AVCS coverage

Complete AVCS coverage Unique AVCS coverage

The ADMIRALTY Vector Chart Service (AVCS) is the most comprehensive, official, digital maritime chart service in the world; with over 13,000 Electronic Navigational Charts (ENCs) from hydrographic offices around the world, packaged and quality assured by the UKHO into a single value-added service

Why AVCS?

AVCS helps your crews to navigate safely and efficiently, and helps to keep your ships compliant with flag and port state authorities.

Capitalising on the UKHO's expertise and position as a leading provider of nautical paper charts, AVCS also incorporates the unique ADMIRALTY Information Overlay (AIO), further helping to make passage planning simpler and safer.

More routes, more ports

AVCS provides the widest official coverage, allowing ships to navigate on ECDIS for the entirety of most major routes on a single chart service. Coverage includes the waters of Hong Kong, Taiwan, Thailand, Indonesia, United Arab Emirates, Vietnam and the Malacca Strait. AVCS also includes 2,950 of the biggest and busiest ports worldwide, of which we offer unique coverage for over 200.

Carriage-compliant, 100% official ENCs

All ships using AVCS on board receive a UKHO certificate. This certificate confirms that all ENCs in AVCS satisfy the chart carriage requirements of SOLAS Chapter V, and can be used for local inspection.

AVCS S-63 Edition 1.1 meets the latest mandated data protection standard from the International Hydrographic Organization (IHO), which helps to reduce the risk of both data piracy and the distribution of unofficial, dangerous ENCs to the mariner.

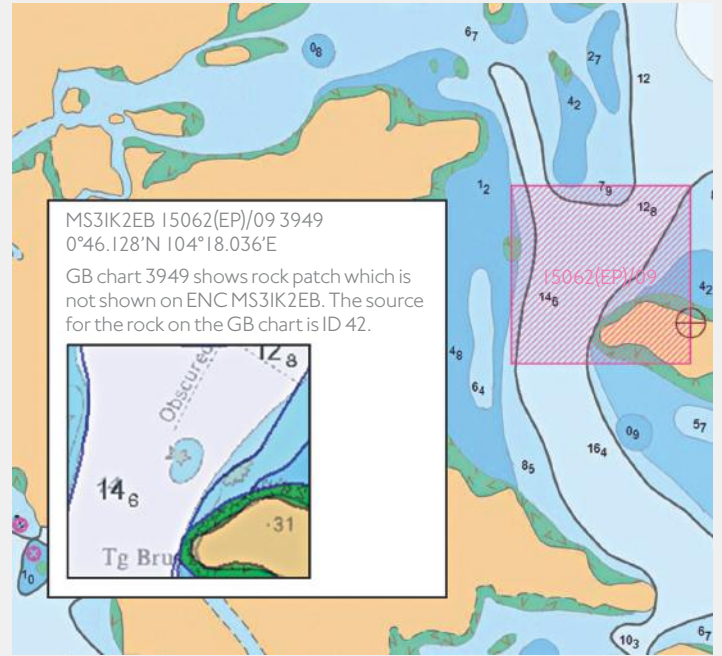
Available on one DVD

AVCS is now available on one DVD, so users should experience faster loading speeds, fewer warning messages and reduced data handling.



Compatible with all type-approved makes of ECDIS

AVCS is delivered in industry standard S-63 / S57 formats, guaranteeing compatibility with all type-approved ECDIS – even in a mixed fleet.



AIO identifying areas of possible uncertainty

A real example of where the unique AIO is overlaid on top of an ENC, showing extra information to aid safer navigation.

Optimised chart holdings

For maximum convenience AVCS ENC's can be ordered in predefined transit, regional or port folios (groupings of ENC's). New ENC's are automatically added to folio holdings as soon as they become available, ensuring ships always have the latest data within their chosen level of coverage.

Alternatively, all ENC's within AVCS can be bought on an individual, chart-by-chart basis for precise coverage and voyage flexibility. Simply buy the licences to unlock the charts needed for a voyage – when and for as long (3, 6, 9 or 12 months) as they are needed.

ADMIRALTY Information Overlay, unique extra navigational data

To help bridge crews identify areas of possible navigational uncertainty and risk at the crucial passage planning stage, all AVCS customers receive the unique ADMIRALTY Information Overlay (AIO) at no extra cost.

AIO combines all UKHO Temporary and Preliminary Notices to Mariners (T&P NMs) for all ADMIRALTY Standard Nautical Charts and ENC Preliminary Notices to Mariners (EP NMs) resulting from the UKHO's unique ENC verification process.

AIO can be used on the majority of ECDIS currently being sold, and also on back-of-bridge software, including ADMIRALTY e-Navigator Planning Station.

Easy to use AIO is displayed as a single layer on top of the ENC.

Ongoing safety and compliance

All AVCS customers receive weekly ENC updates on CD, DVD or via email or download. Installing the latest updates on a regular basis supports safe navigation and compliance with flag and port state requirements.

Easy chart selection, ordering and management

ADMIRALTY e-Navigator Planning Station is a chart selection, ordering and management software tool. Depending on the ship communications systems, it can help bridge crews receive updates and new data at sea via the internet, so you can be sure that they are always operating on the most up to date information.

Where chart permits allow, Planning Station also lets your crews view both ENC's and the unique ADMIRALTY Information Overlay to identify the safest and most efficient route for their voyage. They can also use it to order any additional navigational charts, reference books and guides they need to carry out their voyage.

Planning Station is available to ADMIRALTY product and services customers at no extra cost.

The first choice ENC service – used by the majority of the international commercial ships currently navigating digitally

What AVCS customers say

“We had actually been using electronic charts for about 15 years... When the company heard about the ADMIRALTY Vector Chart Service we were interested, because it is an all-in-one system, which has obvious benefits.”

Captain Pekka Hynönen

Master of the M/V Neste, Neste Oil

“We use AIO as an integral element of our ECDIS-based navigation. The Information Overlay is making passage planning and the task of keeping track of the latest ENC updates much easier, and it will also make it easier for our crews to demonstrate compliance during PSC inspections. Overall, it has proved to be another important element in our efforts to continually improve the safety and efficiency of navigation.”

Soren Andersen

Marine Superintendent, SQE at Nordic Tankers
Marine A/S

“Usually we work standard routes, but some of our vessels are finding themselves sent off to some weird and wonderful places. But it is not a problem, all we have to do is get onto our chart agent, who emails us the codes for the additional chart cells and we have a licence – just like that.”

Captain Dave Elliot

Marine Superintendent, Arklow Shipping

“Everyone in the company has been very positive about ECDIS and the benefits it brings us. We know we are safer now than we have ever been and our navigation procedures and our use of AVCS has a lot to do with that.”

Captain Pär Brandholm

Laurin Maritime

Planning for the future?

Plan with ADMIRALTY Nautical Products & Services, brought to you by the United Kingdom Hydrographic Office.

For more world-class, world-leading products and services visit our website www.admiralty.co.uk

Serving our users 24/7, worldwide, 365 days a year

For more information and advice, contact our global network of chart agents.

Alternatively our in-house customer service team are available day in, day out – whatever the query and wherever your journey takes you.



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