

AVCS

ADMIRALTY  
Vector Chart Service



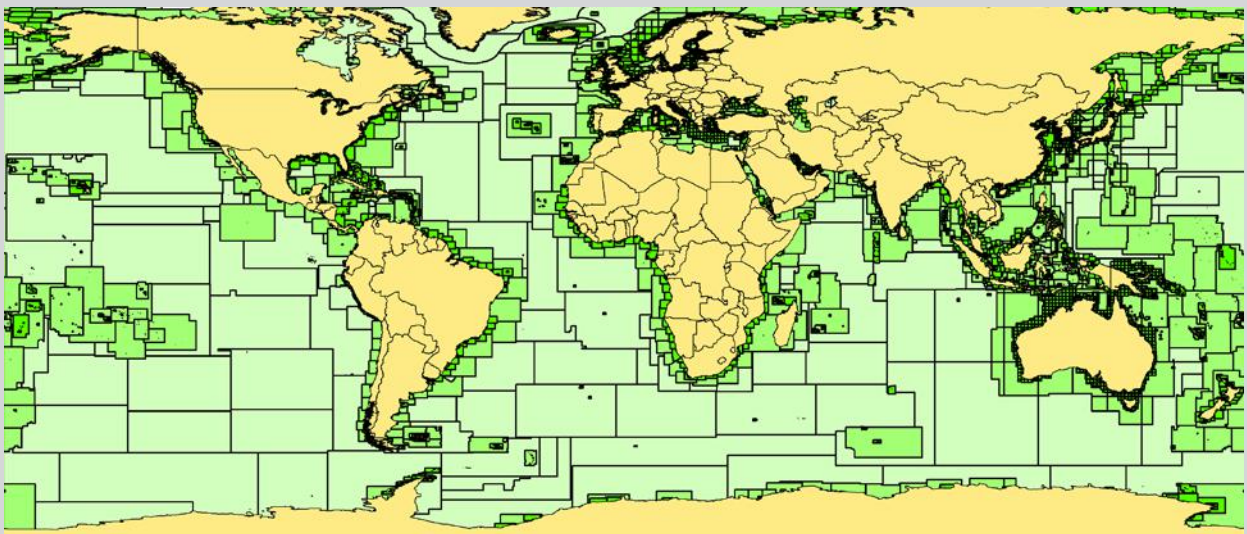
The world's leading ENC service, helping bridge officers to navigate safely and efficiently

**Offering:**

- › Global maritime ENC coverage with more major routes and ports than any other competing service
- › 100% official ENCs with certification to aid Port State compliance
- › Operates on all ECDIS makes
- › Unique ADMIRALTY Information Overlay (AIO) for additional passage planning information
- › Weekly updates available electronically



United Kingdom  
Hydrographic Office



Complete AVCS coverage

The ADMIRALTY Vector Chart Service (AVCS) is the most comprehensive, official, digital maritime chart service available; with over 15,750 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 bridge officers 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 AIO, helping to simplify passage planning.

#### 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. AVCS also includes over 4,000 of the biggest and busiest ports, terminals and fields worldwide, of which we offer unique coverage for over 100.

#### Carriage-compliant, 100% official ENCs

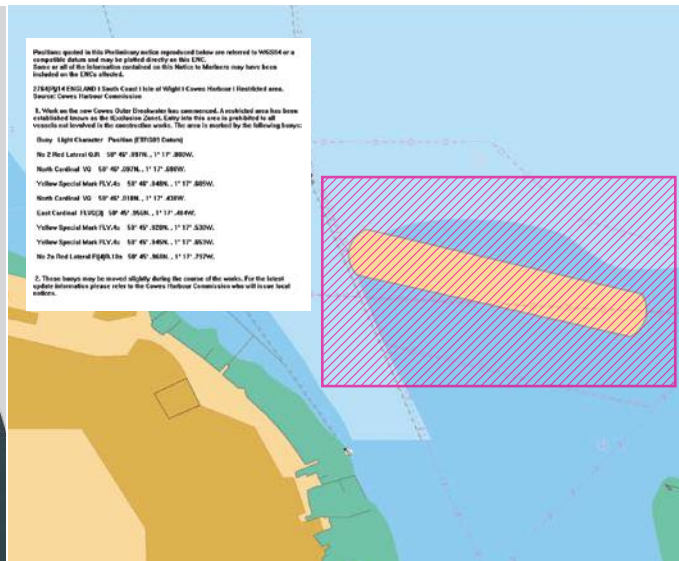
All ships using AVCS on board receive a UKHO certificate. This certificate confirms that all ENCs in AVCS satisfy the chart carriage requirements of SOLAS Chapter V, and can be used for local inspection.

AVCS meets the latest mandated data protection standards, S-63 Editions 1.1 and 1.2, 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.



### Compatible with all 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 for greater situational awareness

A real example of where the unique AIO is overlaid on top of an ENC, showing extra information for use in passage planning.

### 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 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 as they are needed. Most ENC-issuing countries allow durations of 3, 6, 9, or 12 months.

### ADMIRALTY Information Overlay (AIO), unique extra navigational data

AIO aids navigators at the crucial passage planning stage.

It contains ADMIRALTY Temporary and Preliminary Notices to Mariners (T&P NMs) and ENC Preliminary Notices to Mariners (EP NMs), which highlight navigationally significant differences between ENC's and ADMIRALTY paper charts.

AIO can be displayed as a single layer on top of ENC's on the majority of ECDIS currently being sold, and also on back-of-bridge software, including ADMIRALTY Planning Station, and all AVCS customers receive the unique AIO at no extra cost.

### Ongoing safety and compliance

All AVCS customers receive weekly ENC updates. Installing the latest updates on a regular basis supports safe navigation and compliance with Flag and Port State requirements.

# The first choice ENC service – used by the majority of international commercial ships 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

## About us

The United Kingdom Hydrographic Office is a leading provider of global marine geospatial data.

We help to inform maritime decision-making for navigation, infrastructure development and the management of marine resources.

## Serving users worldwide

Our world-leading location based information is available through ADMIRALTY Maritime Data Solutions to users worldwide.

For more information, contact our global network of ADMIRALTY Chart Agents. Alternatively, contact our customer service team.



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Find out more about our market-leading  
ADMIRALTY Maritime Data Solutions:

[admiralty.co.uk](http://admiralty.co.uk)    

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