

ARCS

ADMIRALTY  
Raster Chart Service



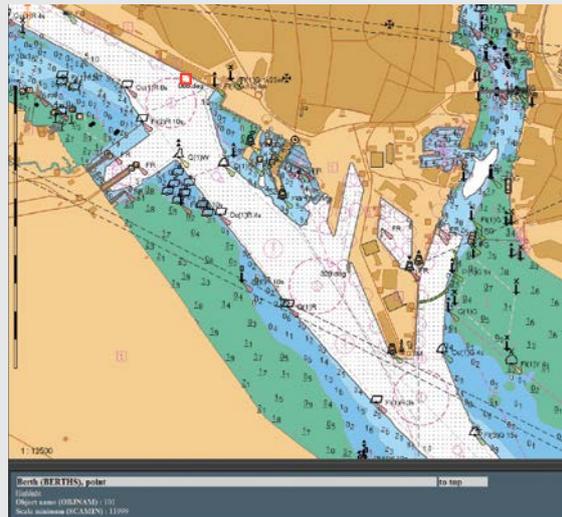
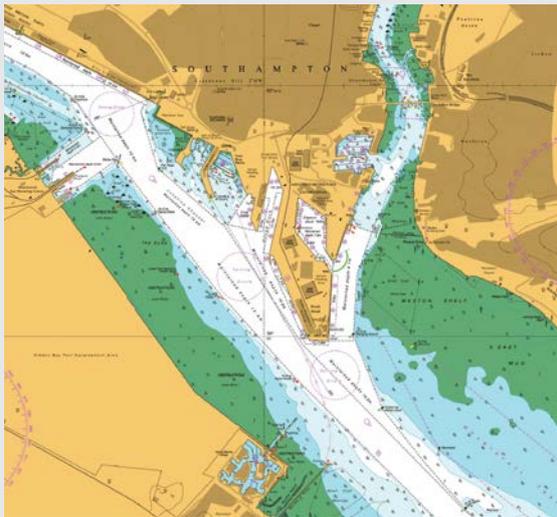
Clear, cost-effective digital charts, ideal for passage planning and shore-based applications

**Offering:**

- › Familiar, clear and easy to use digital charts
- › Extensive coverage of international routes and ports
- › Free weekly ADMIRALTY Notice to Mariners updates
- › Cost-effective digital charting for shore-based applications



United Kingdom  
Hydrographic Office



**Large-scale charts in ARCS** – at large scales ARCS can help identify important information such as dredged depths and berth names that can be hard to find in the ENC.

ARCS combines the familiarity of traditional ADMIRALTY paper charts with the precision of satellite positioning, enabling bridge officers and shore-based users to make fast, well-informed decisions. These decisions can keep your crew and cargo safe and save you time and money.

Unlike manually updated paper charts, ARCS can be accurately updated in a matter of seconds using the free update service. This helps to improve navigational safety and efficiency.

ARCS is also ideal for back-office applications such as passage planning, voyage monitoring and incident management.

Compatible with a wide range of ECS and ECDIS navigation systems, ARCS can be viewed using the UKHO's free ADMIRALTY Planning Station PC application.

#### **Efficient shore-side monitoring of your fleet**

ARCS is compatible with a wide range of office-based display systems and software, giving you cost-effective, digital charting in shore-based operations. By using this software, fleet managers can monitor the progress of their fleet, even if your ships are using paper charts.

#### **Familiar, clear and easy to use**

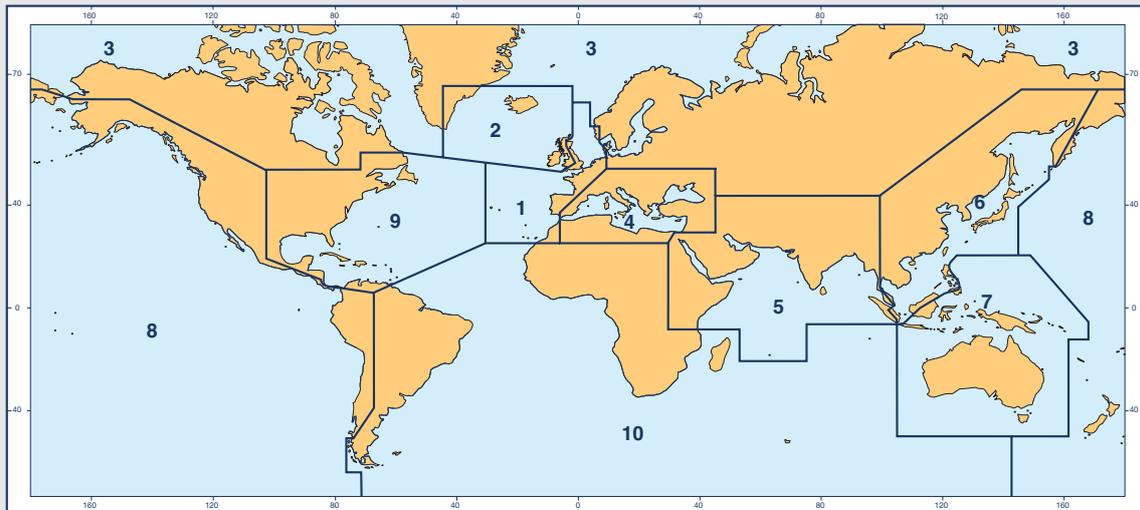
ARCS charts display the same imagery and symbols as the traditional paper-based ADMIRALTY Standard Nautical Charts (SNCs) used by generations of professional mariners.

This familiarity, combined with accurate satellite positioning in an ECS or ECDIS navigation system, can improve situational awareness and helps bridge officers to understand critical information at moments of peak workload and pressure.

#### **Cost-effective and flexible buying options**

Giving you greater coverage at significant cost savings and convenience, ARCS charts are available in 10 regional folios and one world folio.

Alternatively, for precise coverage and voyage flexibility, all raster charts within ARCS can be bought on an individual, chart-by-chart basis.



ARCS global coverage by region – supplied on 11 CD-ROMS; 1 to 10 contains individual regions, and Disc 11 (not shown) contains ocean charts (1:3,500,000 and smaller).

### Global coverage

With over 3,000 official charts available, ARCS provides extensive raster chart coverage of international shipping routes, main ports and harbours in a comprehensive range of scales.

By combining the wide coverage, familiarity and ease-of-use of ARCS with ADMIRALTY Vector Chart Service (AVCS), you get the most comprehensive and trusted digital chart service available for ships trading internationally.

### Official Raster Navigational Charts

Raster Navigational Charts (RNCs) are a safe and reliable primary navigation alternative under certain conditions and subject to individual Port and Flag State approval, for example where ENC's don't yet exist (see IMO resolution MSC 86 (70)).

ARCS is an RNC service containing digital raster copies of official ADMIRALTY paper charts, conforming to the International Hydrographic Organization (IHO) Product Specification S-61.

### Efficient weekly updates, including T&P NMs

Weekly updates ensure that bridge officers have access to complete and up-to-date information. All ARCS customers can receive these updates via internet or disc, with the latest ADMIRALTY Notices to Mariners (NMs) applied easily and accurately in a matter of seconds. The weekly updates also include Temporary and Preliminary Notices to Mariners (T&P NMs) generated by the UKHO's extensive quality assurance processes.

### Synchronised weekly chart updates for simplicity

The weekly updates for ARCS synchronise with the latest ADMIRALTY paper chart weekly Notices to Mariners, complete with matching reference numbers. This means less complexity and confusion on the bridge with ships also using paper charts.

# ADMIRALTY Raster Chart Service (ARCS) holds digital versions of over 3,000 of the world's leading ADMIRALTY paper charts

## What ARCS customers say

“ARCS improves decision-making when it comes to manoeuvring – particularly in confined waters with dense traffic.”

Captain Henrik Solmer  
Senior Master, Maersk

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

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