



ARCS

ADMIRALTY

Raster Chart Service

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

Familiar, clear and easy to use digital charts

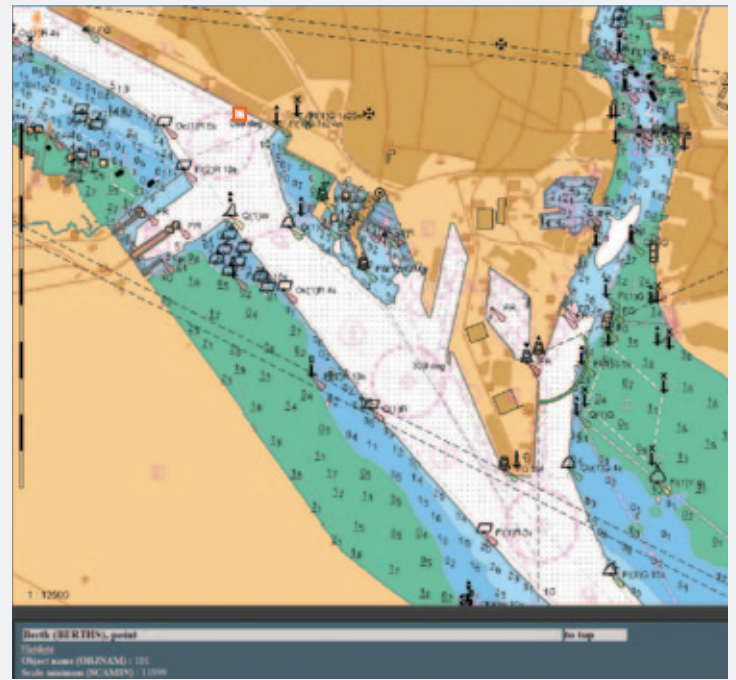
Extensive coverage of international routes and ports

Free weekly ADMIRALTY Notices to Mariner 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.

Why ARCS?

ARCS combines the familiarity of traditional ADMIRALTY paper charts with the precision of satellite positioning, enabling bridge crews 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.

When used alongside ENCs from ADMIRALTY Vector Chart Service (AVCS), ARCS offers the most complete, official digital chart coverage on the market today.

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 Planning Station PC application.

Familiar, clear and easy to use

ARCS charts display the same imagery and symbols as the traditional ADMIRALTY Standard Nautical Charts used by generations of professional mariners.

This familiarity, combined with accurate satellite positioning in an ECS or ECDIS navigation system, improves situational awareness and helps crews to understand critical information at moments of peak workload and pressure. And this brings confidence and calm to the bridge.

Together with ENCs, ARCS also enables bridge crews to plan routes and conduct voyages safely and efficiently.

Efficient shore-side monitoring of your fleet

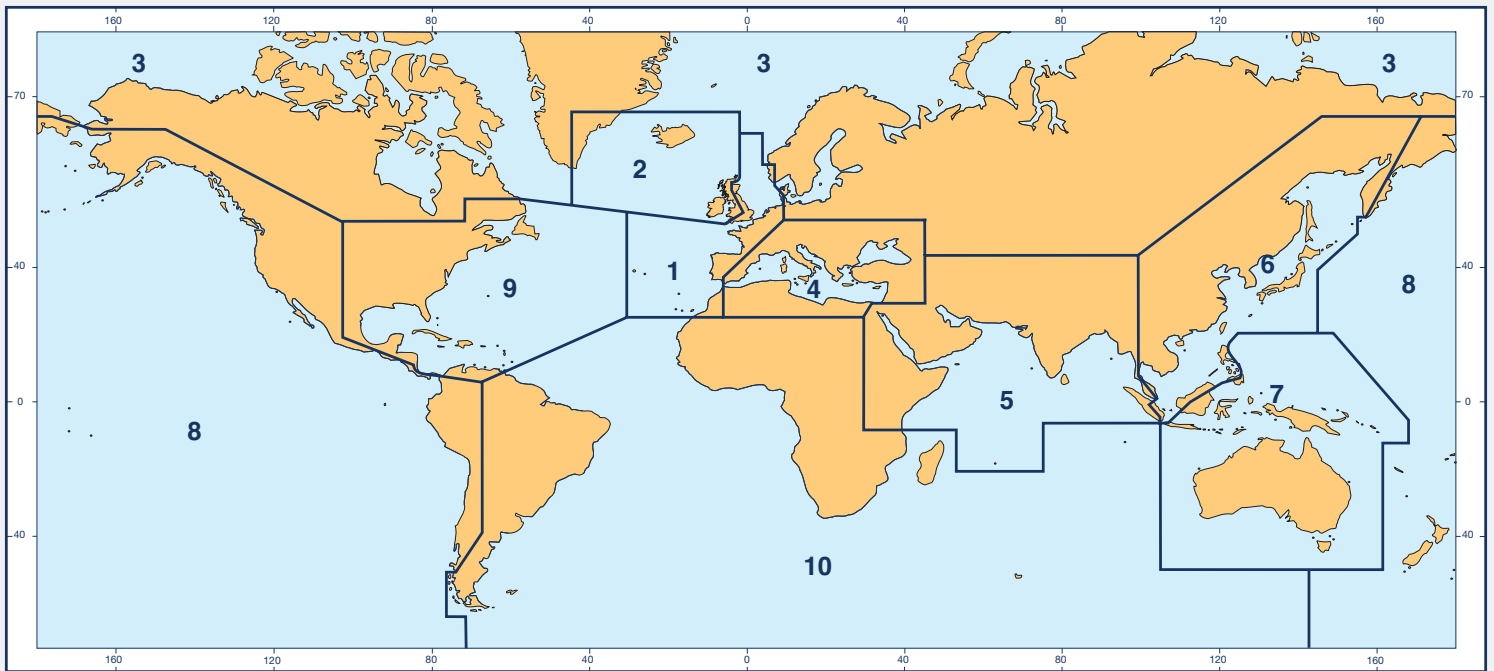
ARCS gives you cost-effective, digital charting in shore-based operations including disaster-management rooms. ARCS is compatible with a wide range of office-based display systems and software, and can even be viewed on mobile devices. Fleet managers can monitor the progress of their fleet, even if their ships are using paper charts.

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.

There's no need for physical chart delivery – simply buy the licences remotely to access the charts you need.



ARCS global coverage by region

Supplied on 11 CD-ROMS; 1 to 10 contains individual regions, and Disc 11 (not shown above) 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 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 ENCs 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 crews have access to complete and up-to-date information. All ARCS customers can receive these updates via internet or CD, with the latest ADMIRALTY Notices to Mariners (NMs) applied easily and accurately in a matter of seconds. The weekly updates also include all 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.

Easy chart selection, ordering and management

ARCS is supported by a variety of tools including ADMIRALTY e-Navigator Planning Station – a chart ordering and management software tool. It helps bridge crews to know when new information is available, what they have on board, and how current it is. Planning Station helps bridge crews to receive timely updates and new information via the internet, ensuring they are always up-to-date. Planning Station is available to ADMIRALTY Nautical Products & Services customers at no extra cost.

