



## Admiralty Digital Publications

...because safety matters



# ADP

**ADMIRALTY**  
Digital Services

# Admiralty Digital Publications



## What are Admiralty Digital Publications?

Admiralty Digital Publications (ADP) are a collection of digital versions 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 the vessel's Flag State, can replace the requirement for carriage of traditional Admiralty paper publications.

ADP currently includes;

**Admiralty TotalTide (ATT)** – the world's most comprehensive tidal prediction program, the digital equivalent of 4 paper volumes of Admiralty Tide Tables.

**Admiralty Digital List of Lights (ADLL)** – light and fog signal information on more than 70,000 unique structures from across the world, the digital equivalent of 11 paper volumes of Admiralty List of Lights.

**Admiralty Digital Radio Signals Volume 6 (ADRS6)** – maritime radio communications information for pilot services, vessel traffic services and port operations for 3000 separate service locations worldwide. The digital equivalent of 7 paper publications which equate to Admiralty Radio Signals Volume 6.

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.



# Features and Benefits



## The Future of Navigation

Admiralty Digital Publications enable the mariner to make the transition from traditional paper publications to a new digital alternative. ADP forms part of the UKHO drive towards the digital future of navigation and complements the digital chart range of Admiralty products and services.

## Official Data you can Trust

All applications within ADP have been designed by the UK Hydrographic Office to meet the stringent navigational requirements of the commercial mariner. The data content is exactly the same as that provided in the equivalent paper publications but the digital format allows more flexible ways of viewing and searching for information.

## Compliant

The UK Maritime and Coastguard Agency (MCGA) and many other Marine Regulatory Authorities accept ADP as meeting the requirements for the carriage of official nautical publications to support the planning and execution of a voyage under the Merchant Shipping Safety of Navigation Regulations 2002.

Full, up to date details of Marine Regulatory Authorities granting equivalence for ADLL, ATT and ADRS6 are available on the UKHO website at [www.ukho.gov.uk](http://www.ukho.gov.uk)

## Fast & Efficient Updating

All applications are sold fully updated at the time of purchase and updates are provided electronically via the internet, email or CD every week as part of the subscription price. The updating process is completed in seconds, greatly reducing time and effort spent in manual correction and minimising the risk of human error.

## Backup Licence

Each ADP application includes a second backup licence provided free of charge to ensure that a vessel is never left without access to essential navigational information.

## Global Coverage

All ADP products provide true global coverage divided into 10 regions to provide flexibility and simplicity of purchase.



# Admiralty TotalTide



Admiralty TotalTide is the world's most comprehensive tidal prediction program providing fast, accurate tidal height and tidal stream predictions for over 7,000 ports and more than 3,000 tidal stream stations worldwide.

## Instant Port Predictions

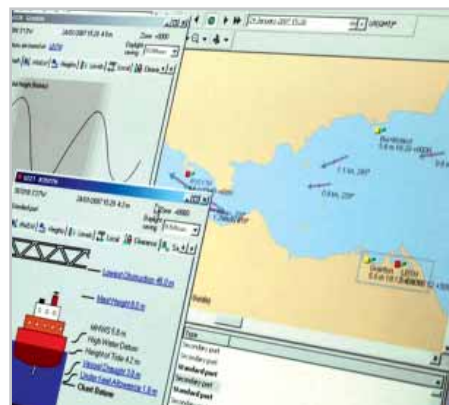
Admiralty TotalTide enables you to select and simultaneously calculate tidal heights for multiple ports for up to seven consecutive days.

## Improved Situational Awareness

Real time tidal stream rate and direction predictions can be overlaid on the detailed chart-based display and updated every 60 seconds to maximise situational awareness.

## Visual Display for Safe Port Entry

Predictions are enhanced by the calculation of periods of safe port entry based on vessel draft and masthead height. Results are clearly displayed as a diagram and summarised on the tidal graph. All information is displayed in the familiar format used in the paper Admiralty Tide Tables. Special night and twilight display options ensure optimum visibility at all times.



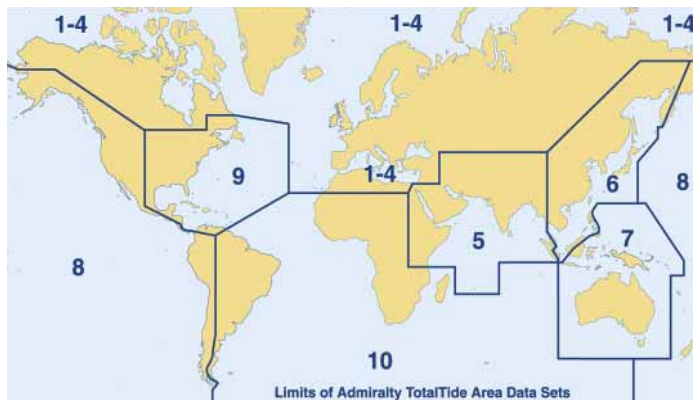
## Updating

The UKHO is continually updating its worldwide database of harmonic and non harmonic continents. This database contains over one million tidal constants and, in line with the Admiralty Tide tables, updates are issued on an annual basis.

Mariners using Admiralty Total Tide to meet carriage requirements for tidal publications must ensure that the latest available version is used.

## Tidal Extremes

The extremes page provides information on the minimum and maximum tidal heights across the selected calendar year.



## Coverage

- 1-4 Europe, Northern Waters and Mediterranean
- 5 Red Sea, the Gulf & Indian Ocean (northern part)
- 6 Singapore to Japan & Philippines
- 7 Australia & Borneo
- 8 Pacific Ocean, New Zealand, N & S America (W coast)
- 9 North America (E coast) and Caribbean
- 10 South Atlantic and Indian Ocean (southern part)



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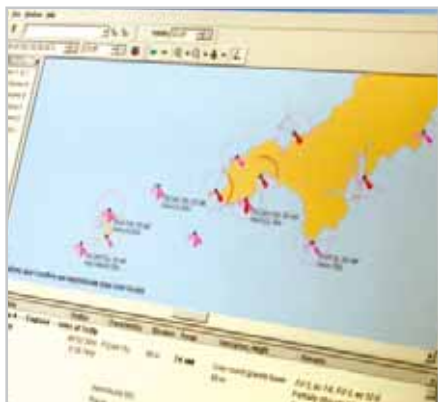
# Admiralty Digital List of Lights



ADLL is the world's most advanced source of light and fog signal information available to the international mariner. Providing full details of over 70,000 individual structures world wide and equivalent to the UKHO's paper Admiralty Lights List.

## Simple Intuitive Interface

All information is displayed both in the traditional and familiar tabular form used in the paper publication and in a geographical window using familiar chart symbols.



## Match Trading Patterns

ADLL can be customised to match your trading patterns. Lights can be grouped and saved in special user-defined files to enable users to quickly retrieve information for specific routes and trading areas. Toolbars, screen layout and views can all be tailored to suit your operational requirements.

## Updating

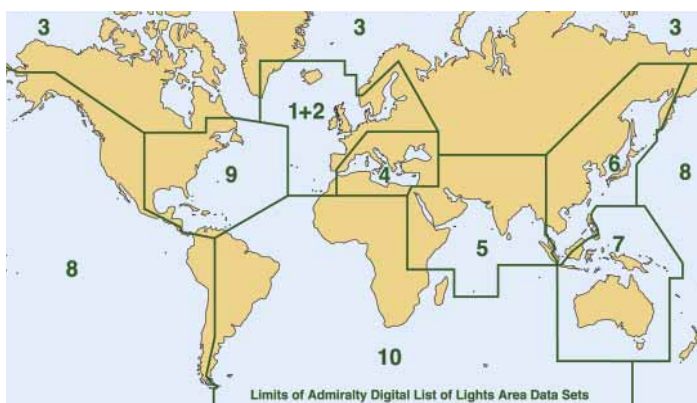
The use of digital technology allows the ADLL dataset to be updated quickly, accurately and with a minimum of manual intervention. Compared to the paper equivalent this represents a major time saving.

## Comprehensive Search Facilities

The database can be searched either using the geographic window, text strings or geographic positions.

## Full Print and Export Facilities

The details of lights and fog signals can be both printed and exported into a range of other applications such as MS Word and MS Excel for use in operational and navigational activities such as passage planning, with 100% accuracy.



## Coverage

- 1+2 Northern Europe and the Baltic
- 3 Northern Waters
- 4 Mediterranean and Black Seas
- 5 Red Sea, the Gulf & Indian Ocean (northern part)
- 6 Singapore to Sea of Okhotsk & Philippines (W coast)
- 7 Australia, Borneo and Philippines (E coast)
- 8 Pacific Ocean, New Zealand, N&S America (W coast)
- 9 North America (E coast) and Caribbean
- 10 South Atlantic and Indian Ocean (southern part)



# Admiralty Digital Radio Signals Volume 6



ADRS6 provides mariners with access to comprehensive maritime radio communications information for port services, vessel traffic services and port operations for more than 3000 service locations around the world. With the content equivalent to the UKHO's paper Admiralty List of Radio Signals Volume 6 and updated on a weekly basis by CD, email or via the internet it represents a major advance in the delivery and use of navigational information.

## Simple Intuitive Interface

All information is displayed both in the traditional and familiar tabular form used in the paper publication and in a geographical window using clear symbols and text.

## Match to Trading Patterns

Service locations can be grouped and saved in special user-defined files based on specific routes or trading areas to enable fast retrieval of information. Toolbars, screen layout and views can all be tailored to suit your operational requirements.

## Updating

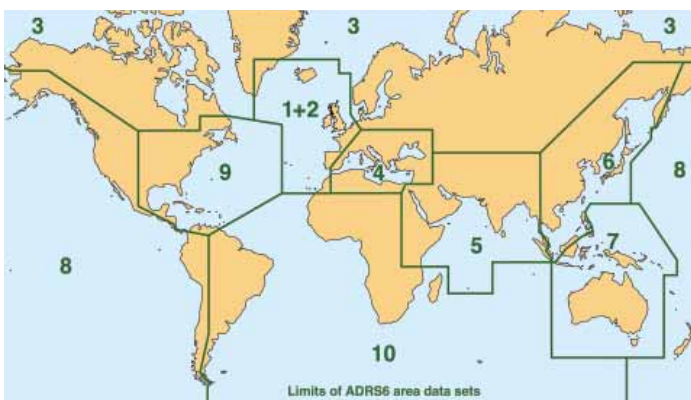
The use of digital technology allows the ADRS6 dataset to be updated quickly, accurately and with a minimum of manual intervention. Compared to the paper equivalent this represents a major time saving.

## Comprehensive Search Facilities

The database can be searched either using the geographic window, text strings or geographic positions.

## Full Print and Export Facilities

The details of ADRS6 can be both printed and exported into a range of other applications such as MS Word and MS Excel for use in operational and navigational activities such as passage planning, with 100% accuracy.

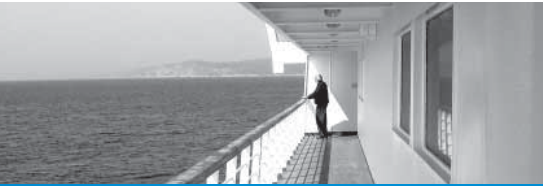


## Coverage

- 1+2 UK & Northern Europe (Die Ems to Gibraltar)
- 3 Northern Waters, the Baltic & Germany
- 4 Mediterranean & Black Seas
- 5 Red Sea, the Gulf & Indian Ocean (northern part)
- 6 Singapore to Sea of Okhotsk & Philippines (W coast)
- 7 Australia, Borneo and Philippines (E coast)
- 8 Pacific Ocean, New Zealand, N & S America (W coast)
- 9 North America (E coast) & Caribbean
- 10 South Atlantic & Indian Ocean (southern part)



# Flag State Approvals



## Flag State Approvals

The number of Marine Regulatory Authorities that accept ADP applications as meeting carriage requirements for navigational publications is growing all the time. For a full, up to date list and for details of conditions please visit the UKHO website at:

[www.ukho.gov.uk](http://www.ukho.gov.uk)

## Recommended Minimum Requirements

The ADP applications will run on any PC meeting the Microsoft recommended minimum specification for the following operating systems:

**Windows 2000 (SP4 + SR1)** Intel Pentium II or compatible 300 MHz or higher processor, 64 MB RAM (4 GB maximum), 2 GB of available space.

**Windows XP (SP3)** Pentium 233 MHz processor or faster (300 MHz is recommended), 64 MB RAM (128 MB is recommended), 1.5 GB of available space.

**Windows Vista (SP2)** 1 GHz 32-bit (x86) or 64-bit (x64) processor, 1 GB RAM, 40 GB hard drive with at least 15 GB of available space, Support for DirectX 9 graphics with: WDDM Driver, 128 MB of graphics memory (minimum), Pixel Shader 2.0 in hardware, 32 bits per pixel.

**Windows 7** 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor, 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 16 GB available hard disk space (32-bit) or 20 GB (64-bit), DirectX 9 graphics device with WDDM 1.0 or higher driver.

Operating systems should have the most recent Service Pack installed.

In addition, systems will require; CD-ROM or DVD drive, keyboard and a Microsoft mouse or some other compatible pointing device, super VGA (800 x 600) video adapter and monitor.

Admiralty Digital Publications may be installed on any networked or standalone computer that meets the hardware recommendations for the operating system installed, but is designed to be registered to individual PCs and is not suitable for operation across a network.

## Buying ADP

Admiralty Digital Publications are available from the extensive network of Admiralty Chart Agents who will be pleased to provide further details and set you up with a free of charge three month trial of one or more of the applications. For full details and to find your nearest Chart Agent visit the UKHO website at [www.ukho.gov.uk](http://www.ukho.gov.uk) or e-mail the UKHO helpdesk at [helpdesk@ukho.gov.uk](mailto:helpdesk@ukho.gov.uk)





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