



ADP

ADMIRALTY

Digital Publications

Bringing simplicity, flexibility and speed to passage planning and navigation

ADP includes:

- ADMIRALTY Digital List of Lights – the world-leading source of navigational light and fog signal information
- ADMIRALTY Digital Radio Signals
 - Volume 2 – Positional and timekeeping references to aid the calculation of positions and times worldwide **NEW***
 - Volume 6 – Essential maritime radio communications information for 3,600 service locations worldwide
- ADMIRALTY TotalTide – the world's most comprehensive, real-time tidal prediction program, bringing global tidal height and stream data together

Offering:

Greater efficiency, faster updating and more flexible information access – helping busy bridge crews to make quicker, more informed decisions

Approval by Flag States of the majority of ships trading internationally



United Kingdom
Hydrographic Office

ADMIRALTY Digital Publications (ADP) are computer-based versions of the UKHO's market-leading paper-based nautical reference guides – ADMIRALTY Nautical Publications.

They contain the same information as their paper equivalents, and are widely accepted as meeting SOLAS carriage requirements.

The ADP range currently includes:

ADMIRALTY Digital List of Lights (ADLL) – an advanced source of navigational light and fog signal information, covering over 70,000 individual light structures worldwide.

ADMIRALTY Digital Radio Signals

- Volume 2 (ADRS 2)** – a range of compliant, digital positional and timekeeping references to help ensure ships are at the right place at the right time.*
 - Volume 6 (ADRS 6)** – essential maritime radio communications information for 3,600 service locations worldwide, including pilot services, Vessel Traffic Services and port operations.
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ADMIRALTY TotalTide (ATT) – the world's most comprehensive tidal prediction program, bringing global tidal height and stream data together. It allows crews to make tidal height predictions for more than 7,000 ports and 3,000 tidal stream stations worldwide.

Advantages of digital publications

They provide greater efficiency and flexibility – giving bridge crews faster, more accurate updates and easier access to the information they need.

ADP can be individually licensed, installed, used and updated. Bridge crews can make one working copy of each licensed application per ship, so each application can be used on two separate computers onboard while satisfying SOLAS requirements.

Overlays to support voyage planning

Easy to use and clearly displayed using a growing number of back-of-bridge software, including ADMIRALTY e-Navigator Planning Station, ADP applications can be viewed as a single layer on top of official navigational charts.

Helping prepare for digital navigation

Capitalising on the UKHO's expertise, the ADP portfolio helps bridge crews to transition from paper-based nautical publications to improved digital alternatives.

Compliance

Approved by the Flag States of the majority of ships trading internationally, ADP applications provide the same level of compliance as traditional ADMIRALTY paper-based publications, for ships trading under these Flag States. In this way, ADP helps crews to navigate safely, efficiently and compliantly.

Check the UKHO's website, www.ukho.gov.uk, for the most up-to-date list of Flag State approvals and conditions, or speak directly with your ships' Flag Authority.

Quality-assured information you can trust

Produced by world experts in maritime navigation information, the ADP portfolio has been designed to meet high navigational standards, as well as UKHO's own internal quality assurance processes.

Fast and efficient updates

Quick, electronic updating reduces time and effort spent making manual corrections, and minimises the risk of human error.

Global coverage – more routes and ports

All ADP products provide global coverage, divided into regions to provide flexibility and simplicity.



ADMIRALTY Digital List of Lights –

contains information on lighthouses, lightships, lit floating marks and fog signals around the world

The most comprehensive worldwide source of navigational light and fog signal information

Keeping your bridge crews informed, compliant and up-to-date, ADLL contains comprehensive coverage of more than 70,000 individual light structures, including lighthouses, lightships, lit floating marks and fog signals.

Containing all the detail that's made the original paper edition so respected, ADLL offers the added convenience of fast, automatic weekly updates. This substantially reduces the time and effort required to maintain this invaluable application.

Familiarity and reassurance

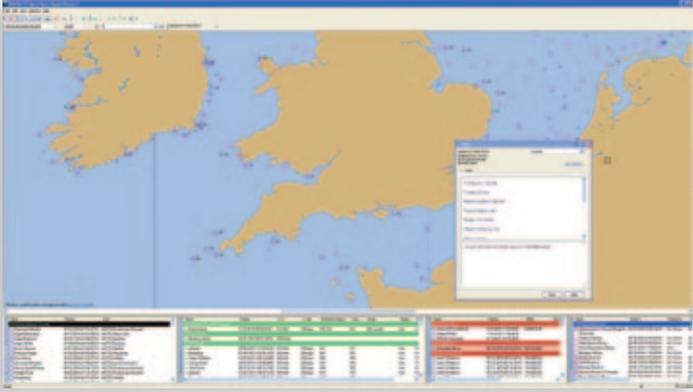
ADLL displays all information using instantly-recognisable formats and chart symbols. This familiarity provides reassurance for users as they make the switch to digital applications.

Compliance with SOLAS requirements

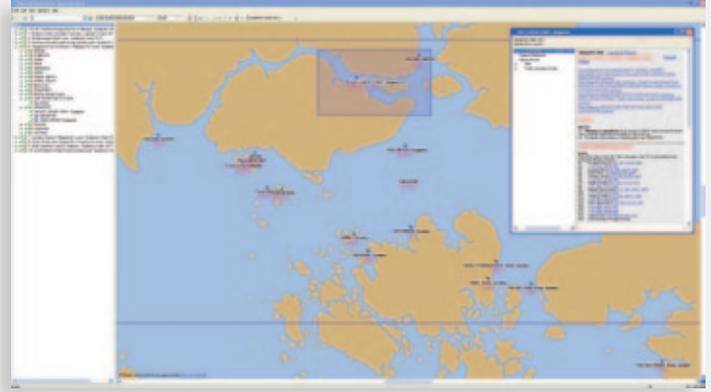
ADLL is widely accepted as meeting SOLAS carriage requirements, meaning ongoing safety and compliance for your ship, cargo and crew.

Providing fast updates of important light changes on a rolling programme, ADLL:

- > **Saves time every week**
Weekly electronic updates are received via internet download, email or disc. These are quick and easy to apply compared to the manual Notices to Mariners (NMs) updates for paper reference books.
- > **Reduces the risk of human error**
All updates are applied accurately and with a minimum of manual intervention, reducing stress and fatigue on the bridge.
- > **Provides easy search options**
Crews can search via the geographic window, text string or by position.
- > **Enables ease-of-use**
Crews can print or export information to use in operational and navigational activities, such as passage planning.



ADMIRALTY Digital Radio Signals Volume 2 –
helping to ensure ships are at the right place at the right time



ADMIRALTY Digital Radio Signals Volume 6 –
helping crews to meet reporting regulations around the world

Maritime radio communications information worldwide

Aiding ongoing safety, security and compliance, ADRS improves the management of communications during passage planning, and helps mariners to meet reporting regulations throughout a voyage.

ADMIRALTY List of Radio Signals is the world's most comprehensive and authoritative source of information on all aspects of maritime radio communication, with volumes 2* and 6 now available in digital format; making it easier to search and update than paper publications.

Volume 2 – positional and timekeeping references*

To aid the calculation of positions and times worldwide, to help ensure ships are at the right place at the right time.

- > Listing of VHF radio-direction-finding stations
- > Worldwide listing of radar beacons (Racons and Ramarks)
- > Worldwide listing of known operational Automatic Identification System (AIS) Aids to Navigation (AtoN)
- > Worldwide listing of radio beacons transmitting DGPS corrections
- > International standard and daylight saving times and dates
- > International radio time signal broadcast details
- > Electronic position fixing system

Volume 6 – pilot services, VTS, and port operations

Providing essential information for 3,600 service locations worldwide, including;

- > Detailed pilot information, contact details and procedures
- > Vessel Traffic Service (VTS) information, contact details and procedures
- > National and international ship reporting systems
- > Port information, contact details and procedures

> **Saves time every week**

Weekly electronic updates can be received via internet download, email or disc. These are quick and easy to apply compared to the manual Notices to Mariners (NMs) updates for paper reference books.

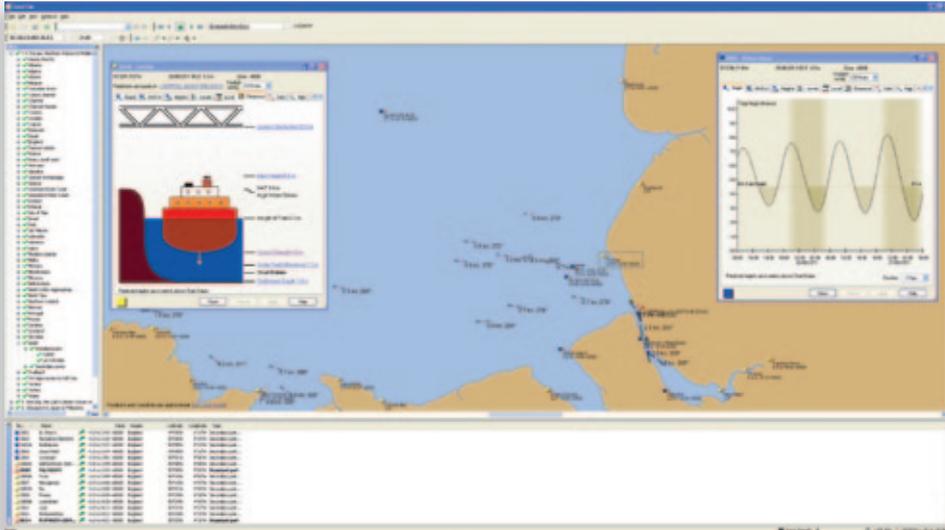
> **Reduces the risk of human error**

All updates are applied accurately and with a minimum of manual intervention, reducing stress and fatigue on the bridge.

> **Provides easy search options**

Find relevant services quickly by searching via the graphic window, text string or position.

The UKHO will be adding more world-leading ADMIRALTY List of Radio Signal volumes to the digital range over the coming months.



ADMIRALTY TotalTide –

helping crews calculate safe clearances based on ship draft, masthead height and under-keel clearances

Take advantage of the tides

ATT helps crews take full advantage of favourable tides – allowing them to calculate safe clearance and making departure and arrival planning easier.

Reducing risks to your ship, cargo and crew, ATT enables quicker and more informed decisions to be made on the bridge about key commercial and safety issues.

By bringing global tidal tables and stream data together, complete with instant calculation, this helps crews to make tidal height predictions for more than 7,000 ports and 3,000 tidal-stream stations worldwide.

Instant port predictions

ATT enables your crew to select and calculate tidal heights for multiple ports for up to 7 consecutive days.

Improved situational awareness

Maximise situational awareness through real-time tidal predictions, which can be overlaid on your crew's chart-based display and updated every 60 seconds.

Compliance with SOLAS requirements

ATT is widely accepted as meeting SOLAS carriage requirements for height, time and tidal streams worldwide, meaning ongoing safety and compliance.

The UKHO database of over one million tidal constants is updated every year in line with the ADMIRALTY Tide Tables. If your crews use ATT to meet carriage requirements for tidal references, they must have the latest database version.

Providing greater confidence, ATT:

- > **Helps crews calculate safe clearance**
Crews can calculate and view safe clearances based on a ship's draft, masthead and under-keel clearance allowance.
- > **Enables easier planning**
Departure and arrival-time planning is simplified, with prediction results displayed in user-friendly graphical forms.
- > **Provides worldwide coverage**
Crews can make tidal height predictions for ports and tidal stream stations around the world.

Greater efficiency and flexibility, and approved by the Flag States of the majority of ships trading internationally

What ADP customers say

“Having used the suite of ADMIRALTY Digital Publications at sea and ashore I have always found them to be very easy to use as well as simple, quick and reliable to keep updated. The intuitive user interface means I can find the information I need much quicker than using paper publications.”

Chris Lowe
Senior Lecturer (Simulation), Warsash Maritime Academy

“ADMIRALTY Digital Publications play an important role on Ardmores fleet by providing our bridge officers with the accurate data they need in a more efficient, effective fashion. This helps them to make timely and informed voyage planning and navigational decisions.”

Captain Steve Malone
Marine Superintendent, Ardmores Shipping Limited

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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