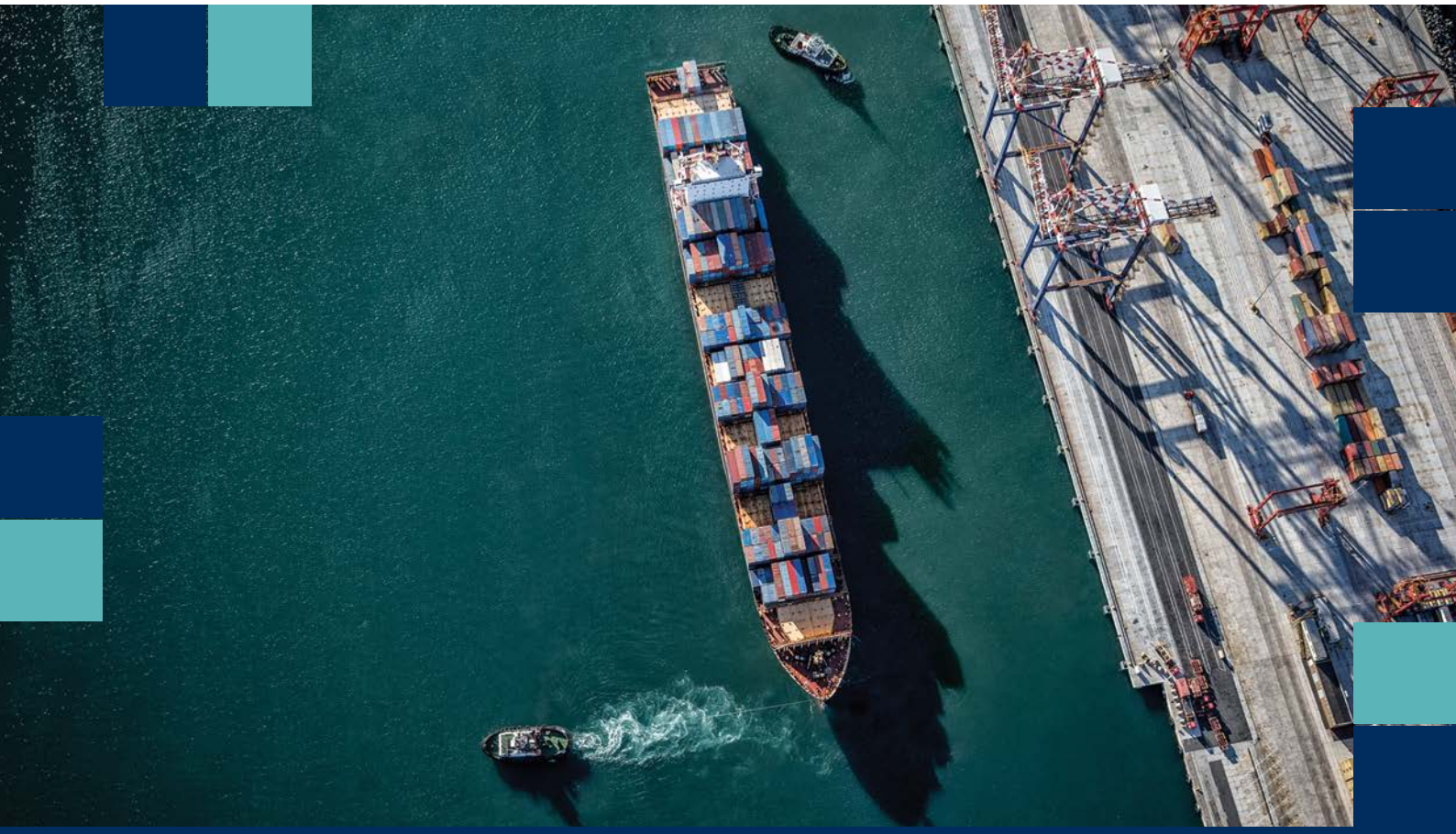
ADP

ADMIRALTY
Digital Publications



Bringing simplicity, flexibility and speed to passage planning and navigation

ADPs include:

- ADMIRALTY Digital List of Lights – the world-leading source of navigational light and fog signal information
- ADMIRALTY TotalTide – a comprehensive, tidal prediction program, bringing global tidal height and stream data together
- ADMIRALTY Digital Radio Signals (ADRS)
  - ADRS 1, 3, 4, 5 – covers Maritime Radio and Meteorological Observation Stations, Maritime Safety Information Services and GMDSS
  - ADRS 2 – positional and timekeeping references to aid the calculation of positions and times worldwide
  - ADRS 6 – essential maritime radio communications information for over 3,800 service locations worldwide

ADPs offer:

Greater efficiency and flexibility, and approved by the Flag States of over 80% of ships trading internationally.

United Kingdom
Hydrographic Office

What are ADMIRALTY Digital Publications

ADMIRALTY Digital Publications (ADP) are computer-based applications 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 full ADP range includes:

ADMIRALTY Digital List of Lights (ADLL) – an advanced source of navigational light and fog signal information, covering over 85,000 individual light structures worldwide.

ADMIRALTY Digital Radio Signals (ADRS)

- **ADRS 1, 3, 4, 5** – gives radio communications details for the relay of information on weather, safety, pollution, quarantines, Telemedical Assistance Services (TMAS) and GMDSS.
- **ADRS 2** – a range of compliant, digital positional and timekeeping references to help ensure ships are at the right place at the right time.
- **ADRS 6** – essential maritime radio communications information for over 3,800 service locations worldwide, including pilot services, Vessel Traffic Services and port operations.

ADMIRALTY TotalTide (ATT) – a comprehensive tidal prediction program bringing global tidal height and tidal stream data together.

It allows bridge officers to make tidal 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 officers faster, more accurate updates and easier access to the information they need.

ADP applications can be individually licensed, installed, used and updated, and each application can be used on two separate computers per ship while satisfying SOLAS requirements.

Helping the take up of digital navigation

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

Compliance

Approved by the Flag States of over 80% 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.

Check the ADMIRALTY website, admiralty.co.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.

Overlays to support voyage planning

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

Fast and efficient updates

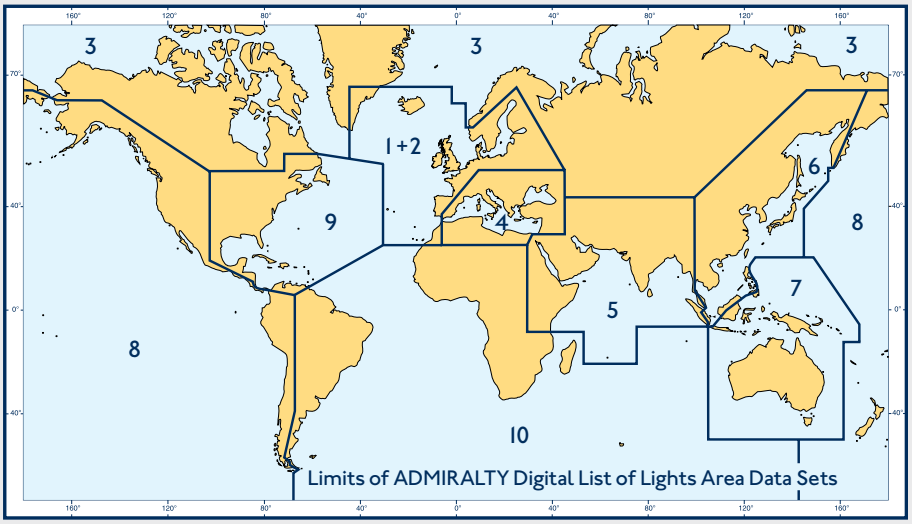
Electronic updating reduces time and effort spent making manual updates, and minimises the risk of human error.

Global coverage – more routes and ports

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

ADLL

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 bridge officers informed, compliant and up-to-date, ADLL contains comprehensive coverage of more than 85,000 individual light structures, including lighthouses, lightships, lit floating marks and fog signals.

ADLL contains all the detail of the original paper edition, with the added convenience of fast, accurate weekly updates; substantially reducing the time and effort needed to keep it up-to-date.

Familiarity and reassurance

ADLL displays information using easily recognisable formats, providing 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 ships, cargo and crew.

Fast and efficient updates

› **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 NM updates for paper reference books.

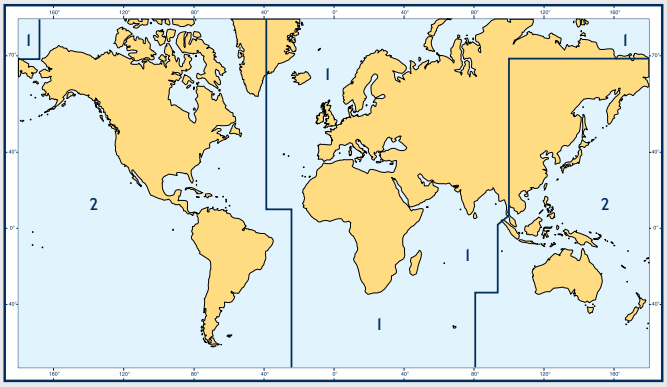
› **Reduces the risk of human error**
All updates are applied accurately and with a minimum of manual intervention, reducing stress on the bridge.

› **Provides easy search options**
Bridge officers can find lights information quickly by map interface, position or word search.

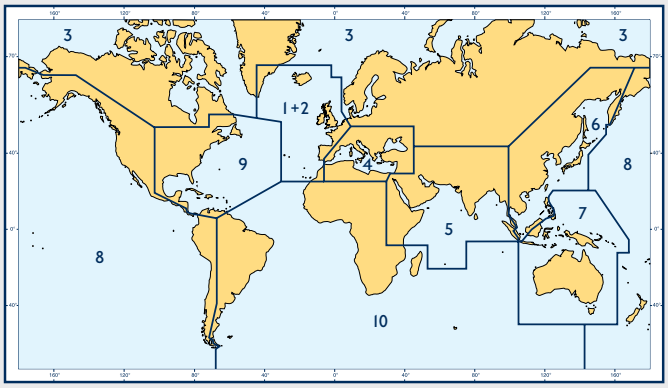
› **Enables ease-of-use**
Bridge officers can print information to use in navigational activities, such as passage planning.

ADRS

ADMIRALTY
Digital Radio Signals



ADRS 1, 3, 4, 5 and ADRS 2 data sets are both split into the same two areas



ADRS 6 area data set limits

Maritime radio communications information worldwide

Aiding ongoing safety, security and compliance, ADRS helps bridge officers to manage communications and meet reporting regulations.

ADMIRALTY List of Radio Signals is the world's most comprehensive and authoritative source of information on all aspects of maritime radio communication.

Now available in digital format making it easier to search and update than paper publications.

ADRS 1, 3, 4, 5 – radio comms and info relay

These assist bridge officers in routine radio communications, receiving and providing weather reports and safety information, pollution and quarantine reporting, seeking Telemedical Assistance Services (TMAS) and provides detailed procedures in the event of a distress or SAR incident.

ADRS 2 – positional and timekeeping references

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

ADRS 2 includes worldwide listings of:

› Radar beacons (Racons and Ramarks)

› VHF radio-direction-finding stations

› Known AIS Aids to Navigation (AtoN)

› Radio beacons transmitting DGPS corrections

› International standard and daylight saving times and dates

› International radio time signal broadcast details

› Electronic position fixing system

ADRS 6 – pilot services, VTS, and port operations

Providing essential information for over 3,800 service locations worldwide, including detailed pilot, Vessel Traffic Service (VTS) and port information, with their respective contact details and procedures.

Providing fast updates of important radio signal changes on a rolling programme, ADRS:

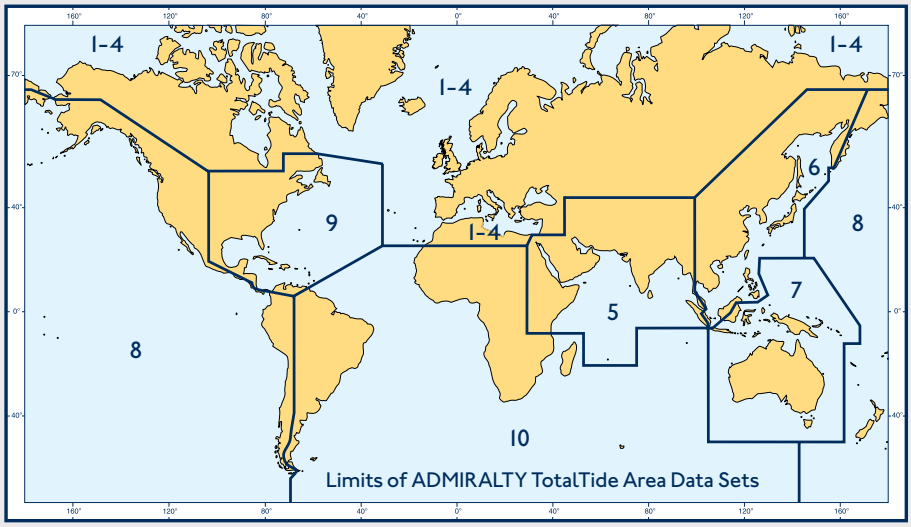
› Saves time every week
Weekly electronic updates can be received via internet download, email or disc. These are quick and easy to apply compared to the manual NM updates for paper reference books.

› Reduces the risk of human error
All updates are applied accurately and with a minimum of manual intervention, reducing stress on the bridge.

› Provides easy search options
Find relevant services quickly by map interface, position or word search.

ATT

ADMIRALTY
TotalTide



Helping bridge officers calculate safe clearances based on ship draft, masthead height and under-keel clearances

Take advantage of the tides

ATT helps bridge officers take full advantage of favourable tides – allowing them to calculate safe clearances, making departure, arrival and transit planning easier.

Reducing risks to ships, 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 height and tidal stream data together, complete with instant calculation, this helps bridge officers to make tidal predictions for ports and tidal stream stations worldwide.

Instant port predictions

ATT enables bridge officers to select and calculate tidal heights for multiple ports for up to seven consecutive days.

Enables easier planning

Departure, arrival and transit planning is simplified, with predictions displayed in user-friendly graphical forms.

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 ADMIRALTY Tide Tables.

Helps bridge officers calculate safe clearance

Bridge officers can calculate and view safe clearances based on a ship's draft, masthead and under-keel clearance allowance.

Provides worldwide coverage

Bridge officers can make tidal predictions for more than 7,000 ports and 3,000 tidal stream stations around the world.

Greater efficiency and flexibility, and approved by the Flag States of over 80% 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
Former Senior Lecturer (Simulation),
Warsash Maritime Academy

"ADMIRALTY Digital Publications play an important role on Ardmore's 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,
Ardmore Shipping Limited

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.

United Kingdom Hydrographic Office

Admiralty Way, Taunton, Somerset
TA1 2DN, United Kingdom
Telephone +44 (0)1823 484444
customerservices@ukho.gov.uk
gov.uk/ukho

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

admiralty.co.uk