ADP **ADMIRALTY**
Digital Publications

UK Hydrographic Office

Bringing simplicity, flexibility and speed to passage planning and navigation

ADPs include:

– ADMIRALTY Digital List of Lights – the most comprehensive worldwide source of navigational light and fog signal information

– ADMIRALTY TotalTide – a comprehensive, tidal prediction program, providing fast, accurate tidal height and tidal stream predictions

– 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 4,000 service locations worldwide

Scan here

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.

Advantages of digital publications

ADMIRALTY Digital Publications provide greater efficiency and flexibility – giving bridge crews 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.

Compliance with SOLAS requirements

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.

Visit 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, 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, while minimising 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.

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

ADMIRALTY Digital List of Lights (ADLL) is an advanced source of navigational light and fog signal information, with coverage of more than 90,000 individual fixed light structures. ADLL also contains a number of lit floating marks including pontoon lights, resilient and buoyant beacons, Single Point Moorings (SPM) and Floating Production, Storage and Offloading Facilities (FPSO).

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 minimum manual intervention, reducing stress on the bridge.

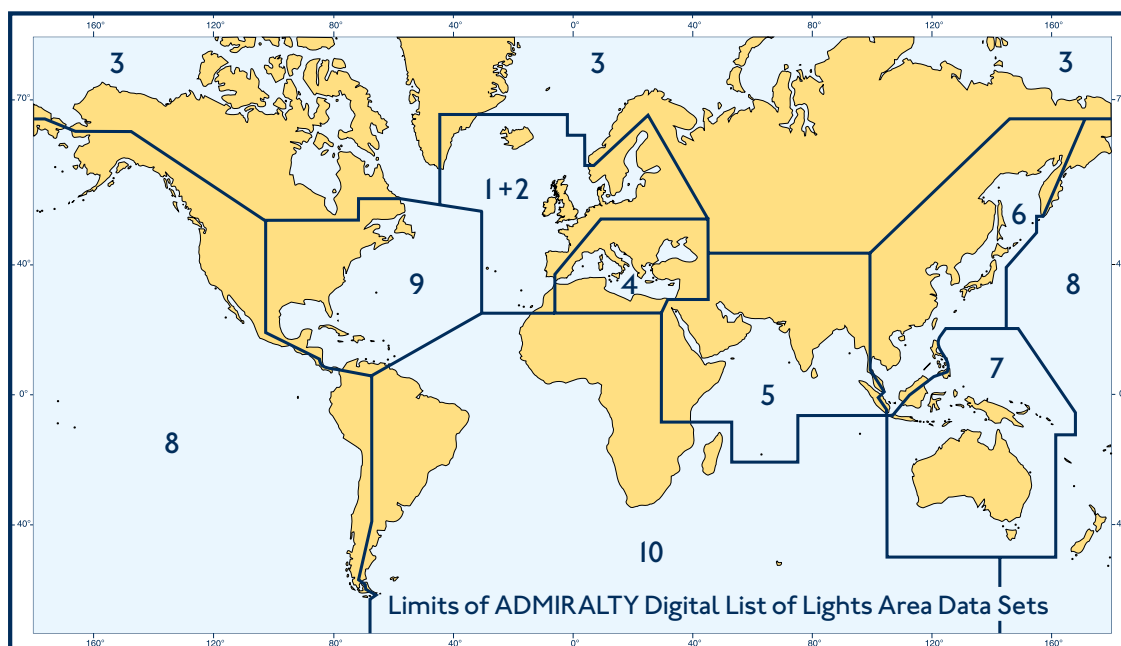– **Provides easy search options**
  Bridge crews can find lights information quickly by using the map interface, the ship's position or a keyword search.

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

Global coverage is divided into 10 folios, giving lights information for locations across the world.

Limits of ADMIRALTY Digital List of Lights Area Data Sets

Official maritime radio communications information worldwide

ADMIRALTY Digital Radio Signals (ADRS) aids ongoing safety, security and compliance by helping bridge crews to manage communications and meet reporting regulations.

ADRS is the world's most comprehensive and authoritative source of information on all aspects of radio communications, available in an easy-to-use digital format.

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

Assists bridge crews in routine radio communications, receiving and providing weather reports and safety information, pollution and quarantine reporting, seeking Telemedical Assistance Services (TMAS) and providing 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

Provides essential information for over 4,000 service locations worldwide, including detailed pilot, Vessel Traffic Service (VTS) and port information, with their respective contact details and procedures.

ADRS provides fast updates of important radio signal changes on a rolling programme.

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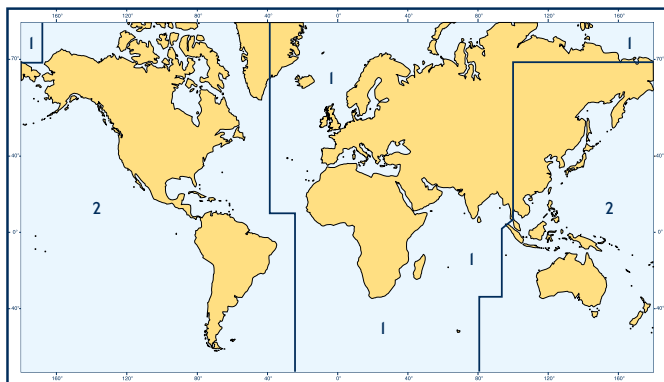
– **Reduces the risk of human error**
All updates are applied accurately and with minimum manual intervention, reducing stress on the bridge.

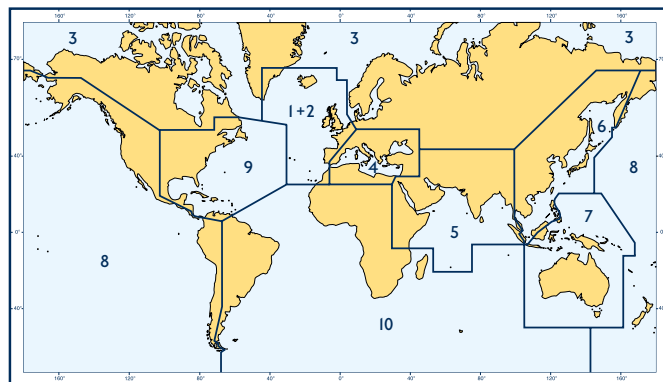– **Provides easy search options**
Find relevant services quickly by using the map interface, the ship's position, or keyword search.

For precise coverage and voyage flexibility, each ADRS is split into regional folios and one world folio.

ADRS 1, 3, 4, 5 and ADRS 2 folio coverage.

ADRS 6 folio coverage.

ATT

ADMIRALTY
TotalTide

A comprehensive tidal prediction program, providing fast, accurate tidal height and tidal stream predictions

ATT helps bridge crews 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 crews to make tidal predictions for ports and tidal stream stations worldwide.

Instant port predictions

ATT enables bridge crews 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.
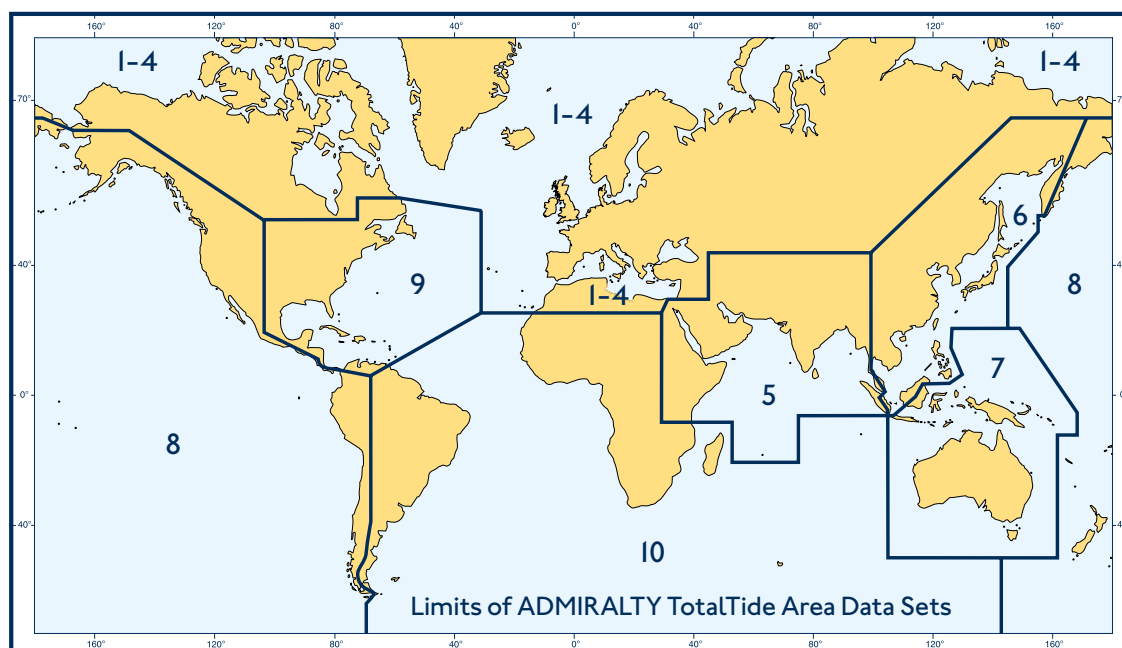
Helps bridge crews calculate safe clearance

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

Provides worldwide coverage

Bridge crews can make tidal predictions for more than 7,000 ports and 3,000 tidal stream stations around the world, with coverage split across 10 areas.

For precise coverage and voyage flexibility, ATT coverage is available in 10 regional folios.

Limits of ADMIRALTY TotalTide Area Data Sets

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

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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

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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

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About us

The UK Hydrographic Office is a global centre for hydrographic understanding, delivering data and expertise to support safe, secure and thriving oceans.

Trusted by customers and partners worldwide

We deliver quality innovative maritime navigation solutions through our ADMIRALTY products and services, which are relied upon by over 90% of large ships trading internationally to support safety, efficiency and compliance.

For more information, contact our global network of ADMIRALTY Distributors. Alternatively, contact our customer service team.