

ADP V23 Changes/Improvements

Search Functionality to be improved

<u>Searching in ADRS1345, ADRS2 and ADRS6</u>
Term matching versus Exact matching
Traditionally searching in ADP has been done using term matching (mainly) against object names.
So, if the user entered “firing practice” (or “practice firing”), the search would return any object names that contained “firing” AND “practice” - in any order.
This style of matching is still done against object names, but when searching textual content, exact matching is done. So if some narrative object contains “this area is to practice firing” and the user enters “firing practice”, it will not return a match.
(Note: all matches are case insensitive)
The reason for this change is so that when an object’s property dialog is opened, the search phrase can be found and highlighted in the text.
ADRS1345
Narrative Content
Search algorithm changed from using term matching to exact matching for the narrative itself (the narrative name is still searched using term matching).
Geographic Areas
These were not included in the search in previous versions of the software.
Other objects
· NavAreas (including Internal and External National Coordinators)
· NavTex
· RadioStation
· ReportingInfo (Services)
· SAR (Agency Contact plus Control Centre Contacts)
TMAS
The Contacts fields of these object types were already searched but using term matching. This has been changed to exact matching.
ADRS2
Narrative Content
Narratives were not previously included in the search. Searching now handles them in the same as RS1345.
NavAids

The notes fields of the various NavAid subtypes are now included in the search, as is the Morse text from Racons.

Other objects

Searching has not been extended any further for other object types, in ADRS2.

ADRS6

Previously only the names (and aliases) of Service Locations and Geographic Areas was searched. In this version, a deeper search is performed into the various fields of these objects.

User Interface

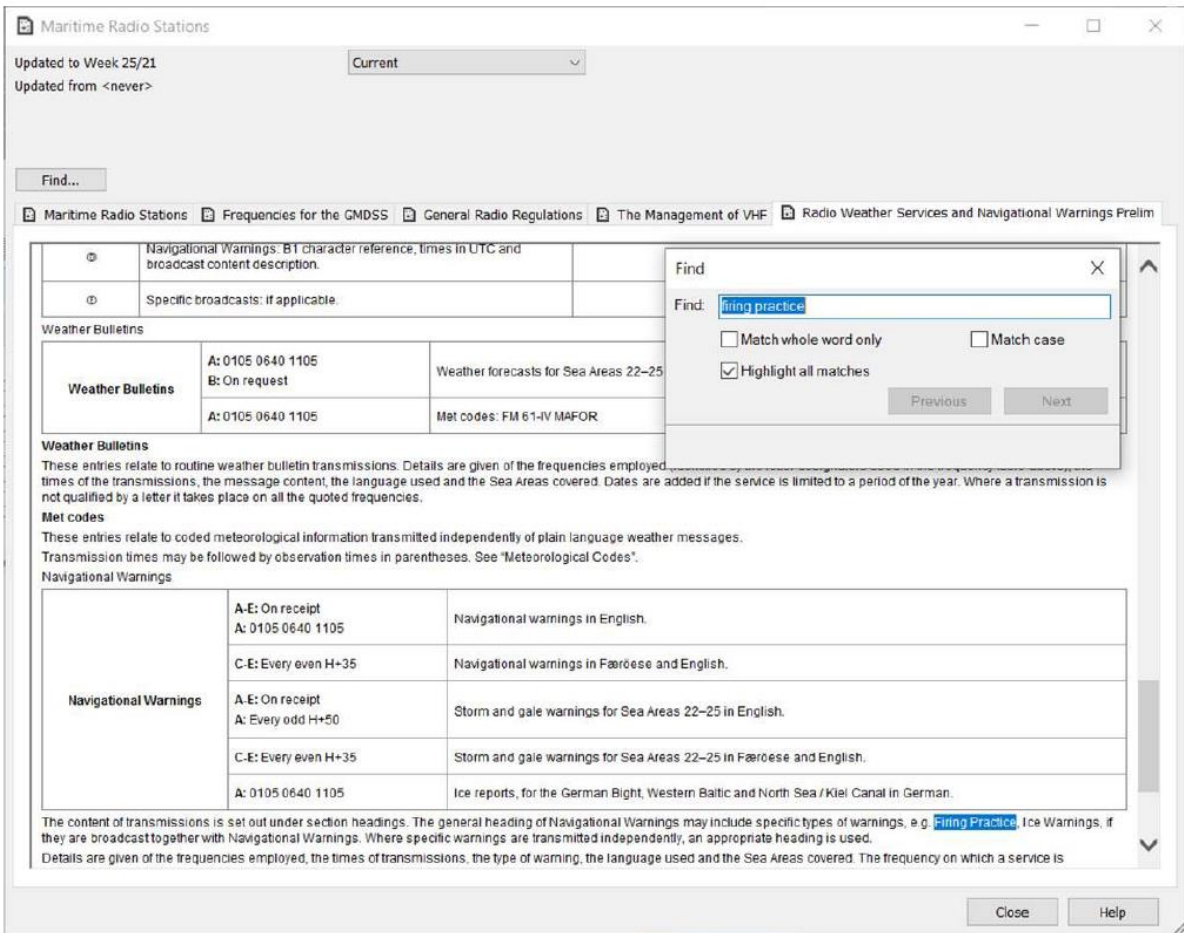
In all three applications, when a property dialog is opened from search results, if the search term (exact match) is found in the text, then the property dialog is put into "Find mode". The exact result of this differs a little between ADRS6 and the other two because of differences in the underlying controls used.

For example, in RS1345 searching for "firing practice" gives these results:

The screenshot shows a software interface with a map on the left and a search results panel on the right. The map displays a coastal region with various colored areas and lines. The search results panel is titled "Favourites: Search for 'firing practice'" and contains a table with two columns: "Type" and "Address".

Type	Address
Narrative	EX AREAS - FIRING PRACTICE AREAS - DENMARK
Narrative	EX AREAS - FIRING PRACTICE AREAS - FRANCE CELM Biscarosse
Narrative	EX AREAS - FIRING PRACTICE AREAS - MALAYSIAN SUB EXERCISE AREAS EAST
Narrative	EX AREAS - FIRING PRACTICE AREAS - MALAYSIAN SUB EXERCISE AREAS WEST
Narrative	EX AREAS - FIRING PRACTICE AREAS FRANCE - BAY OF BISCAY
Narrative	EX AREAS - FIRING PRACTICE AREAS FRANCE - QUIBERON
Narrative	Maritime Safety Information - National Practices Area 2
Narrative	Radio Weather Services and Navigational Warnings Prelim
Geographic Area	AUSTRALIA
Geographic Area	BAHAMAS, THE
Geographic Area	BANGLADESH
Geographic Area	BELGIUM
Geographic Area	BRAZIL
Geographic Area	CANADA (Pacific Coast)
Geographic Area	CHILE
Geographic Area	DENMARK
Geographic Area	FINLAND
Geographic Area	FRANCE
Geographic Area	FRENCH POLYNESIA
Geographic Area	GERMANY
Geographic Area	GREECE
Geographic Area	GUADELOUPE (France)
Geographic Area	INDIA
Geographic Area	ITALY

When the user opens the selected narrative from the search results, the application finds the first page that contains the term “firing practice”, switches to that page and shows the find dialog.



ADRS2 behaves similarly but in ADRS6, a Find dialog does not appear, but the first found result is highlighted.

Further occurrences can be found by clicking the Find Next button.

The set of 3 buttons where this is found are new in this release to make finding text within a Service Location or Geographic Area a little easier.

The screenshot displays a maritime software interface. At the top, a search bar contains the text "clearance". Below the search bar, a list of search results is shown, with "Areas 1 & 2 / CHANNEL ISLANDS (UK) / S. PETER PORT, Guernsey" selected and highlighted in blue. The main window displays the details for this location, including a list of services (Diagram References, Marine Services, Pilots (moved), Vessel Traffic Service (moved), Port) and a detailed text description of the clearance procedure. The text describes the requirements for vessels under special pilotage, including the need to call the VTS for clearance and provide specific details such as vessel name, master/exemption number, maximum draught, defects/deficiencies, and dangerous goods. It also mentions the need to call the VTS again with 15 minutes to run to the Roustel Beacon/Lower Heads Lt buoy requesting traffic, weather and tide information and confirmation of berth/anchorage. The text includes coordinates for the Reporting Points: 49°29'·27N 2°29'·01W (Roustel Beacon) and 49°25'·78N 2°30'·01W (Lower Heads).

0° 00.00' N 000° 00.00' E 24 nM clearance Updated to Week 23/22

Favourites: Search for "clearance"

Address

- Areas 1 & 2 / UNITED KINGDOM / CLYDEPORT
- Areas 1 & 2 / UNITED KINGDOM (Northern Ireland) / LARNE
- Areas 1 & 2 / UNITED KINGDOM (Northern Ireland) / BELFAST
- Areas 1 & 2 / SPAIN (North Coast) / LA CORUÑA
- Areas 1 & 2 / SPAIN (North Coast) / AVILÉS
- Areas 1 & 2 / ISLE OF MAN (UK) / DOUGLAS
- Areas 1 & 2 / IRELAND / ROSSLARE EUROPORT
- Areas 1 & 2 / IRELAND / DUBLIN
- Areas 1 & 2 / CHANNEL ISLANDS (UK) / S. PETER PORT, Guernsey

S. PETER PORT, Guernsey

Updated to Week 23/22 Updated from Week 46/18

Areas 1 & 2 / CHANNEL ISLANDS (UK) / S. PETER PORT

- Diagram References
- Marine Services
- Pilots (moved)
- Vessel Traffic Service (moved)
- Port

Vessels shall call the VTS again for traffic clearance for departure when a Pilot is onboard or 10 mins prior to weighing anchor.

(3) **Vessels under special pilotage** (Pilot exemption) shall pass an ETA to the VTS with 1h notice to Roustel Beacon/Lower Heads Buoy/Anchor, providing the following details:

- Vessel's name
- Master/exemption number
- Maximum draught
- Defects/deficiencies
- Dangerous goods

Vessels shall call the VTS again with 15 mins to run to Roustel Beacon/Lower Heads Lt buoy requesting traffic, weather and tide information and confirmation of berth/anchorage. Final traffic clearance to enter the port is to be requested when passing the Reporting Points [49°29'·27N 2°29'·01W](#) (Roustel Beacon) or [49°25'·78N 2°30'·01W](#) (Lower Heads).

(4) **Vessels under special pilotage** shall pass the following information to the VTS 10 mins before departure:

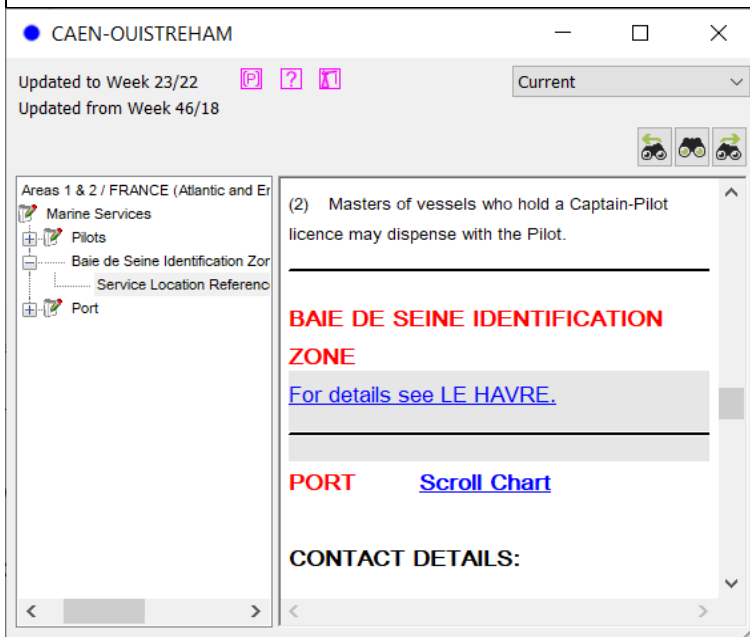
- Vessel's name
- Destination (i.e. going North or South)
- Defects/deficiencies

Vessels shall call the VTS again for traffic clearance before slipping or weighing

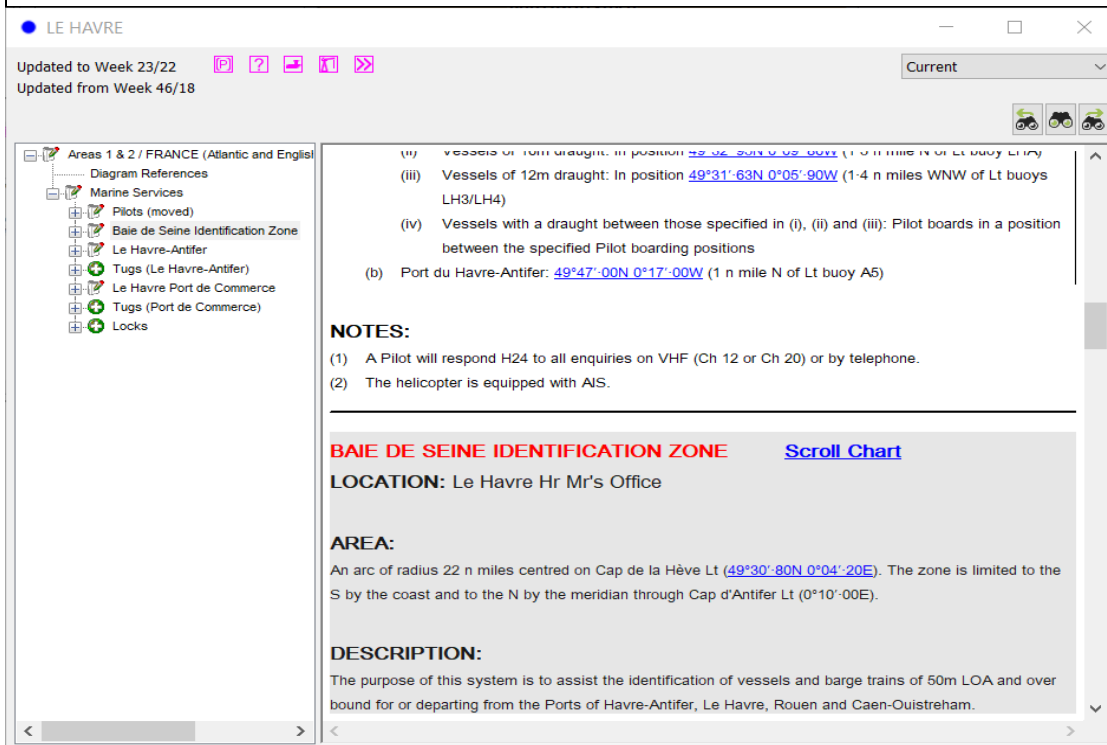
Hyperlinks

ADRS6 Hyperlinking

When a link from a Service Location is clicked to open another Service Location, the details of the shared Marine Service is found and highlighted.



Clicking on the link to LE HAVRE will open the LE HAVRE property dialog (as in previous versions) AND search for "BAIE SE SEINE IDENTIFICATION ZONE" within the document's tree structure and select it if found.



ADRS 6 - OSCAR API for WMO data

WMO Presentation

The WIGOS ID is now exported from ADP File Generator (available in the next release of POLAR). There are minor consequences for this in the SDK – see ADRS1345 SDK Changes.

The old index/subindex values are only shown in ADRS1345 if they are NOT the ones POLAR generated to maintain backwards compatibility.

Name	Position	Country	Elevation	Observations	ID	Index
<input checked="" type="checkbox"/> TONKHIL	46°18.77'N 93°54.10'E	MONGOLIA	2,181 m	CLIMAT(C)	0-496-0-44266	
<input checked="" type="checkbox"/> TOOROI	44°55.43'N 96°45.20'E	MONGOLIA	1,179 m	CLIMAT(C)	0-496-0-44325	
<input checked="" type="checkbox"/> TSETSEN-UUL	48°44.88'N 96°00.25'E	MONGOLIA	1,928 m	CLIMAT(C)	0-496-0-44224	
<input checked="" type="checkbox"/> UMBELUZU_AUTO	26°03.00'S 32°22.80'E	MOZAMBIQUE	*12 m	CLIMAT(C)	0-508-0-67348	
<input checked="" type="checkbox"/> XAI-XAI_AEROPORTO	24°53.70'S 33°45.17'E	MOZAMBIQUE	44 m	CLIMAT(C)	0-508-0-67332	
<input checked="" type="checkbox"/> XAI-XAI_AUTO	25°03.00'S 33°37.80'E	MOZAMBIQUE	*4 m	CLIMAT(C)	0-508-0-67326	
<input checked="" type="checkbox"/> YERUU	49°44.95'N 106°39.67'E	MONGOLIA	674 m	CLIMAT(C)	0-496-0-44243	
<input checked="" type="checkbox"/> ZUMBO_AUTO	15°03.00'S 30°18.00'E	MOZAMBIQUE	*343 m	CLIMAT(C)	0-508-0-67267	
<input checked="" type="checkbox"/> JAN MAYEN	70°55.98'N 8°40.00'W	NORWAY	9 m	CLIMAT(C)	0-20000-0-01001	01001
<input checked="" type="checkbox"/> JAN MAYEN (1001-1)	70°56.38'N 8°40.07'W	NORWAY	*9 m		0-20001-0-01001	01001.1
<input checked="" type="checkbox"/> VERLEGENHUKEN	80°03.55'N 16°15.00'E	NORWAY	6 m		0-20000-0-01002	01002
<input checked="" type="checkbox"/> HORNSUND	77°00.00'N 15°30.00'E	NORWAY	10 m		0-20000-0-01003	01003
<input checked="" type="checkbox"/> NY-ALESUND II	78°55.40'N 11°55.33'E	NORWAY	*15 m		0-20001-0-01004	01004.1
<input checked="" type="checkbox"/> EDGEOYA	78°15.03'N 22°49.35'E	NORWAY	12 m		0-20000-0-01006	01006
<input checked="" type="checkbox"/> NY-ALESUND	78°55.37'N 11°55.98'E	NORWAY	8 m	CLIMAT(C)	0-20000-0-01007	01007
<input checked="" type="checkbox"/> SVALBARD AP	78°15.00'N 15°28.00'E	NORWAY	27 m	CLIMAT(C)	0-20000-0-01008	01008
<input checked="" type="checkbox"/> KARL XII OYA	80°39.17'N 25°00.47'E	NORWAY	5 m		0-20000-0-01009	01009
<input checked="" type="checkbox"/> ANDOYA	69°18.43'N 16°07.87'E	NORWAY	13 m		0-20000-0-01010	01010
<input checked="" type="checkbox"/> ANDOYA	69°18.92'N 16°07.85'E	NORWAY	*10 m		0-20001-0-01010	01010.1

In the WMO station properties dialog, all observation fields are now shown (previously only “known” ones were shown but the only known one left that the WMO still generated is “CLIMAT(C)”).

YEOVILTON

Updated to Week 25/22 Current

Updated from Week 23/22

51°00.38'N 2°38.57'W

[UNITED KINGDOM and NORTHERN IRELAND](#)

Find... [More details...](#)

YEOVILTON

[UNITED KINGDOM and NORTHERN IRELAND](#)

WIGOS Station Identifier: 0-20000-0-03853

Index: 03853

WMO Country: UNITED KINGDOM (THE)

Elevation of the station (Hp): 20 m

Elevation or Altitude (Hha): *23 m (elevation of the ground)

Observations

- Surface land meteorological station (SYNOP)
- GOS
- RBSN(S)

Close Help

ADRS6 – Synchronise narrative styles with ones used in POLAR

Synchronise Narrative Styles

ADP now shares the same paragraph styles as POLAR so any that are chosen for Narrative in POLAR will be correctly shown in ADP.

ATT – Referencing Non-Harmonic Tidal Streams to Non-Harmonic Ports

Referencing non-harmonic tidal stream diamonds to non-harmonic standard or secondary ports

The ability to reference non-harmonic ports from non-harmonic streams has been added to DB2TT and TotalTide.

Note that such streams will NOT show predictions in the current released versions of TotalTide.

ATT – Import Tidal Diamond Data for Custom Non-Harmonic Tidal Streams

As requested, a button to import CSV tidal diamond data has been added to the page defining non-harmonic custom streams.

The file must consist of 13 (for hourly) or 25 (for half-hourly) lines where each line has:

Direction (degrees), Springs (knots),

Neaps (knots)

For example:

34,0.1,0

36,0.6,0.4

28,0.8,0.6

30,1.3,0.9

330,1,0.6

300,0.5,0.3

260,0.2,0.1

220,0,0

215,0.4,0.2

195,0.5,0.3

140,0.3,0.1

Custom Tidal Stream - Non Harmonic

Reference Port

Only list those within 100 miles

- Times are relative to LW Half hourly values
 Times are relative to HW Hourly values



Hours	Direction	Springs	Neaps
-6	000°	+0.00 kn	+0.00 kn
-5	000°	+0.00 kn	+0.00 kn
-4	000°	+0.00 kn	+0.00 kn
-3	000°	+0.00 kn	+0.00 kn
-2	000°	+0.00 kn	+0.00 kn
-1	000°	+0.00 kn	+0.00 kn
HW	000°	+0.00 kn	+0.00 kn
+1	000°	+0.00 kn	+0.00 kn
+2	000°	+0.00 kn	+0.00 kn

ATT – Non-harmonic custom port

Improved UI for Non-Harmonic Custom Port

The labels and layout of the dialog asking for time differences and height differences for diurnal ports (partial data) has been improved to have more accurate prompts and to hide controls which were previously disabled.

Custom Port - Non Harmonic [Close]

Reference port: << none >> Choose from ports within 100 miles

Mean Sea Level: 0 m

Time Differences:

High Water: MHW / HHW + 00:00

Low Water: MLW / LLW + 00:00

Height Differences:

MHHW + 0 m MLHW + 0 m MHLW + 0 m MLLW + 0 m

Only partial data (2 time differences) is available

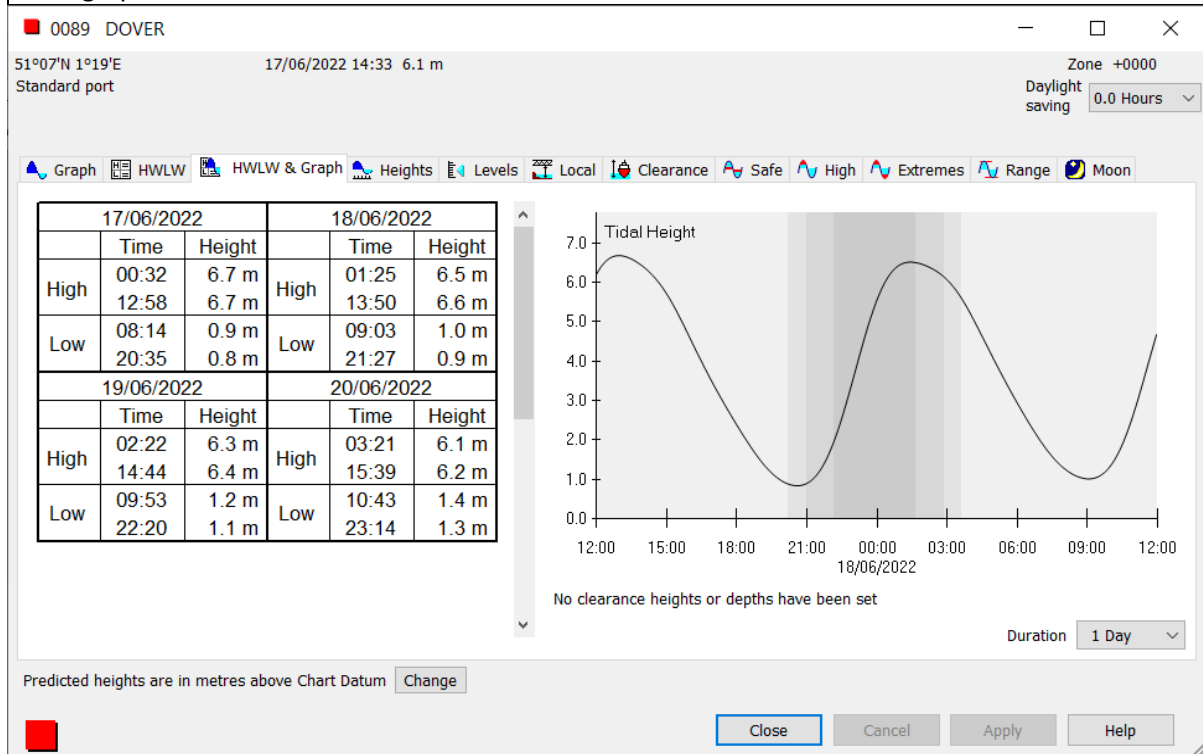
< Back Next > Cancel Help

ATT – Tidal Heights and Graph

New Tab to Display Tidal Heights and Graph

Additional Tab on every Port Properties Window to combine the view of the Curve and Graph in one view

As requested, a new property page has been added to display both high/low water tables and the tidal graph in the same window.



ADLL – Updating Lights RTF Files

Include ADLL RTF files in update from internet - RTF Patch

ADP File Generator already supports the ability to distribute modified RTF files with Light update files.

To include updated RTF files, the current files in the folder U:\Prod_ADRS\ADRS\ADLL\rtf should be replaced with the modified RTF files. When ADP File Generator is next run for ADLL, these replacement files will be copied to the new base folder for the new NM week and encoded within the update files generated.

U:\Prod_ADRS\ADRS is assumed to be the “Root folder for ADP File Generator Output” set in Business Administrator. If ADP File Generator is run with “Generate Files For Release” set to off

(i.e. for testing purposes) then the RTF files should be copied over the corresponding files in ...\ADLL\rtf under whatever the “Base file root folder” is set to.

Generate Files For Release
(Use dates and folders from Business Administrator)

SDK Improvements/Changes

SDK Changes
Full details of the changes will be published on the ADP SDK website (a preview is available at https://adpsdk.chersoft.co.uk/V23/).
Similar to what was done for ADP V18, a registry entry "Enable V23 SDK Changes" must be present and set to 1 to allow additional data to be returned in the XML from the SDK. This entry should be in HKLM\SOFTWARE\CherSoft\UpdateWiz.
If V23 SDK functionality is enabled then V18 SDK functionality is also enabled.
ADLL SDK Changes
Ranges have been added to Light sequences. Each Range consists of a Distance and a Colour.
TotalTide SDK Changes
<TidalDiamond> information has been added to the <Stream> nodes.
The following have been added to <PortNodes>:
· <TideType> - "Diurnal", "Semi-diurnal" or "Unknown".
· <HWLWAvailable> - true if and only if TT displays the "HWLW" tab on the port's properties dialog
· <LevelsAvailable> - true if and only if TT displays the "Levels" tab on the port's properties dialog
· <TidalRangeAvailable> - true if and only if TT displays the "Range" tab on the port's properties dialog
· <Event_Times_HW> - "Always", "Never", or "Sometimes". Indicates whether TT is able to predict the times of high-water events
· <Event_Times_LW> - as Event_Times_HW, but for low-water events
· <Event_Heights_HW> - "Always", "Never", "Springs", or "Neaps". Indicates whether TT is able to predict the heights of high-water events
· <Event_Heights_LW> - as Event_Heights_HW but for low-water events
<ReferencePort> has been added to the <Station> element. It is present only when the station is of type PortStandardNonHarmonic, PortSecondaryNonHarmonic, PortCustomNonHarmonic, StreamNonHarmonic, or StreamCustomNonHarmonic; and it contains the number of the station's reference port.
ADRS6 SDK Changes
<Classification> has been added to <MarineService> elements and indicates which classes the Marine Service is deemed to have (port, bridge, VTS, etc.)
<ClassesUnion> has been added to <RS6Station> elements (only for stations of type ServiceLocation or MinorServiceLocation), and gives the union of the classes of the individual Marine Services (this tells you which icons would appear at the top of the RS6 properties dialog for the station).
ADRS2 SDK Changes

The GNSS type (name only, no description) for DGPS stations (see entry above) has also been added to the XML returned by the SDK method StationsDetails().

ADRS1345 SDK Changes

Once the new ADPFileGenerator is deployed, WMO stations will be addressed by WIGOS identifier rather than index/sub-index values. This is exposed in the SDK so it may cause an issue in any code that expects to find the index/sub-index in the WMO station address. Note that this will occur in current versions of ADRS1345 and in ADRS1345 V23 regardless of the "Enable V23 SDK Changes" registry setting.

Common SDK Changes

ADRS1345, ADRS2 and ADRS6 now have a new function ShowPropertiesHighlightSearch which does the same thing as ShowProperties, but will open the dialog in "find mode" looking for the specified text, as though it has been opened from the search results list.

All applications now have a DuplicatedStations function that returns details of stations that appear in more than one licence area. The specifics of what is returned does vary a little between the applications because of differences in their internal implementations.