eDiveSoftware® – User Manual

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eDiveSoftware® All In One Diving Software For Centres and Individuals

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For technical support, please visit www.edivesoftware.com/techsupport

Manufactured in the United Kingdom

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The Dive Software

Thank-you for purchasing the most up-to-date dive planning and logging software available. eDiveSoftware was built by divers for divers and in conjunction with some of the most influential dive organisations as well as ‘Joe Public’ we hope to fulfil the needs of both the commercial business of divers and divers themselves. eDiveSoftware aims to provide all dive centres and dive professionals world-wide a system to plan and log all their divers in a quick, easy and systematic way.

Please read this manual carefully to familiarise yourself with the eDiveSoftware application. This is where you can find the information you use and to make the most of all its functions.

Please refer to the glossary for special terms, display symbols, buttons, icon trays, toolbars and menus for explanations. The alphabetical index will help you quickly find answers to your questions that you may well encounter whilst using this software.

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Installation

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Installation

Before Installing

Before installing eDiveSoftware Dive Management, take a moment to review the system requirements listed in this chapter. Windows 98 and Windows ME users should have several blank 1.44MB disks available to make rescue disks. eDiveSoftware Ltd is NOT liable for any damages made to your system.

System Requirements

To use eDiveSoftware Dive Management, your computer must have one of the following Windows operating systems installed:

- Windows XP SP2 Onwards
- Windows Vista

Windows 95/98/ME/2000 and NT, the server editions of Windows 2000/XP and the Windows XP64-bit edition are not supported

Your computer should also meet the following requirement where possible to make the best use of the eDiveSoftware Dive Management software:

Windows XP or Vista	- Intel Pentium III processor (or compatible) at 500 MHz or higher - 256 MB of RAM - 60 MB of available hard disk space - Internet Explorer 6

Prepare Your Computer

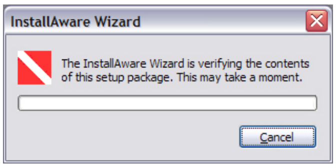
If you have an older version of eDiveSoftware installed on your system, the new version may prompt you to either uninstall your older version prior to installing the new version or to update via the internet. If you have a recent version of eDiveSoftware, you can transfer your existing settings to the new version of the program.

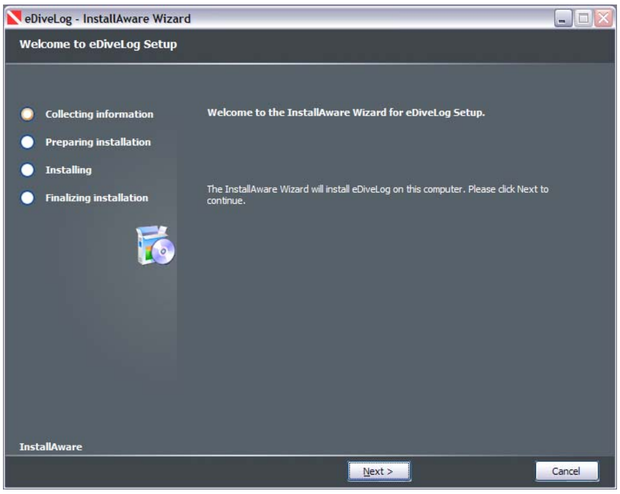
Quit all other Windows based programs before installing eDiveSoftware. Other active programs may interfere with the installation process and cause errors.

Install eDiveSoftware

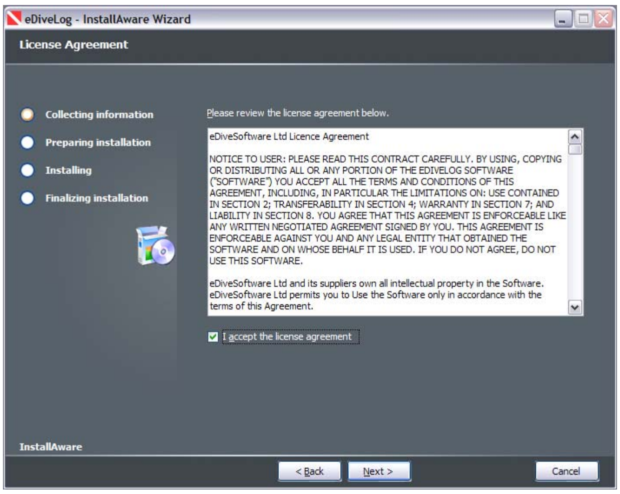
Install eDiveSoftware from the downloaded executable. Note that the installation program will only work on a single installation such a one PC or one Laptop/Notebook.. Check with eDiveSoftware via our website for upgrades and available settings.

1. Run the eDiveSoftwareInstall.exe application

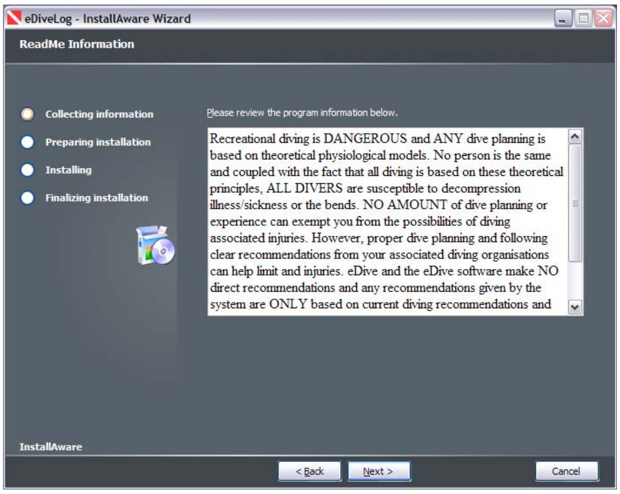




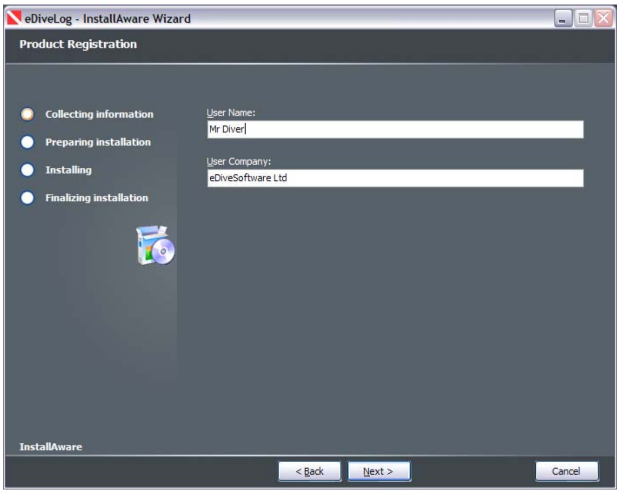
2. Read the License Agreement, click **'I Accept the License Agreement' if you agree to the terms. You will not be able to use the application if you do not agree to the terms.**



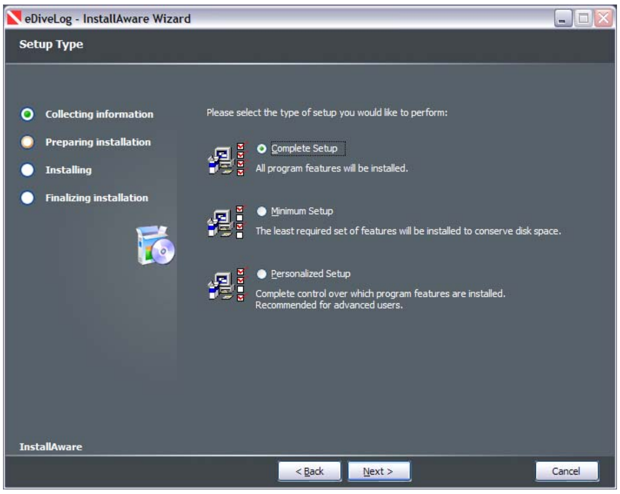
3. Click '**Next'**



4. Read the **'Readme Information'** (as pictured above) confirming that you are aware of the risks associated with diving and that eDiveSoftware that, as a software provider, assumes NO responsibility for any injuries etc associated with diving and using this software. Clicking on the 'Next' confirms that you have read this information.
5. Click on the **'Next'** button to confirm.
6. Enter either your full name or the company associated with the product in the **'User Name'** and **'User Company'** boxes provided.

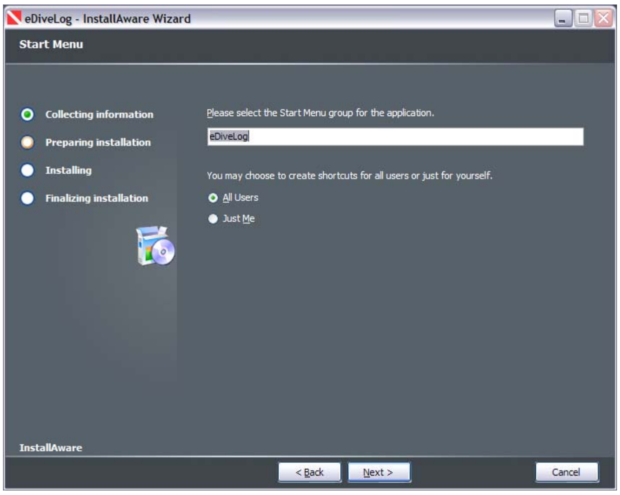


7. You will then need to confirm the typical setup type that you wish to install. Select either 'complete setup', 'minimum setup' or 'personalized setup'

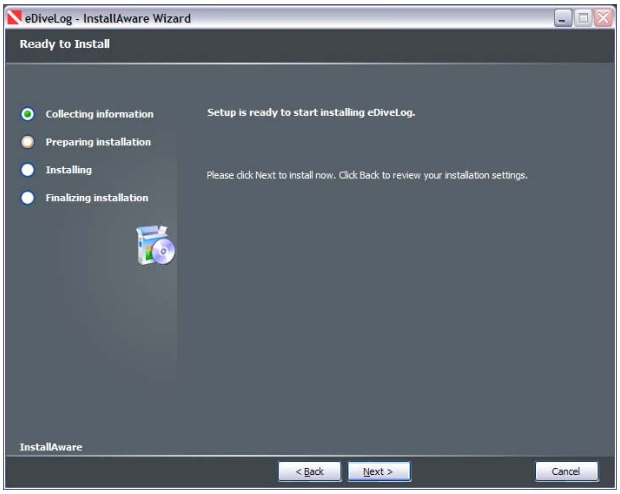


8. Click '**Next'**

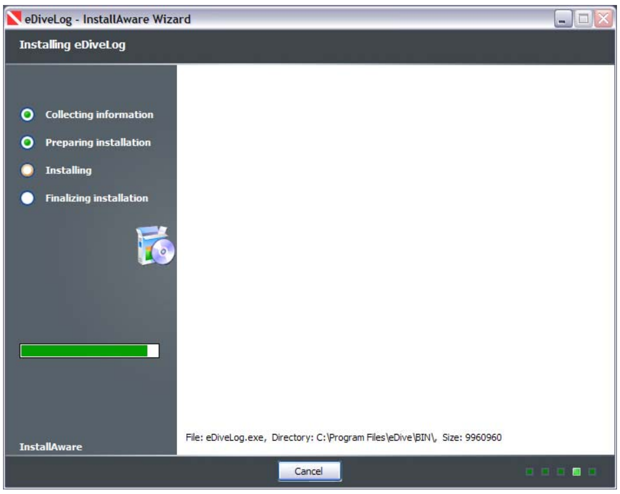
9. You will then need to confirm the name that you wish eDiveSoftware to appear under within the Start Menu group. You may also confirm whether the application should be available only to the registered computer user or all users.



10. Click 'Next'
11. The system has now gathered all the relevant information needed for a successful installation.
12. Click **'Next'** to continue with the installation.



13. The system will now complete the installation.



14. On completion, you will finally be asked whether you wish to run eDiveSoftware now or simply to finish the installation process. If you DO NOT wish to run eDiveSoftware at this stage, please DESELECT the tick box marked **‘Run eDiveSoftware Now’**.

Register Your Software

Once eDiveSoftware has been installed, you will need to register the product. We have conveniently included a simple process that is used to verify the unique pass codes.

On running eDiveSoftware for the first time, this will open the Registration/Subscription Activation Utility. Please copy the **'Unique Reference'** from the very top of this application along with the date that you wish to run this activation to. eDiveSoftware will assume on receipt of your email, that you will wish to activate the product immediately for a full period of one year. However, we realise that there are delays and thus offer a 'grace' period of one week.

Your unique serial number will only be released once we have verified payment. You will not be able to use the application until this process has been completed.

Please copy the exact date (year, month and day) of when the application is to be activated to by selecting the appropriate dates from the drop-down menus. This will generally be from 12 months from the date of activation.

On receipt of your information, we will confirm the unique password by email. Note that, on re-entering the Registration/Subscription Activation Utility, the dates will need to be re-applied as the system will default back to 1st January 2007. Failure to apply THE SAME DATES that you assigned when sending in your application will result in failure of registration.

Click the **'Unlock eDive'** to begin using eDiveSoftware.

eDiveSoftware will return your Unique Password PLUS the dates you entered for your records.

System Menu and Buttons

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Menus

There are two different types of menus in operation within eDiveSoftware. The first is the typical windows style menu sections along the top taskbar in the main window. These are made available by firstly clicking on the main menu item which then drops down a list containing a number of different sections. Clicking on one of these sections will open the relevant screen for that named section.

The second type of menu is the main button style menu down the left-hand side of the main window. These buttons reflect the same functions as per the previously mentioned menus and open the same screens. Predominantly throughout this work, reference is made to the buttons of the left-hand pane although users may with to use the standard windows style menus instead. Further updates may include more functionality that could not physically fit in the main windows pane and thus users should check all information on any updates they receive to ensure they are aware to changes of these menu systems.

The currently available menus are (version dependent):

Windows Style Menus

A. Main

1. Divers
2. Dive Site
3. Equipment
4. Plan A Dive
5. Boat Plan
6. Dive Log
7. Dive Tables
8. Calendar
9. Dive Slideshow
10. Quit

B. Language (to be released in a later version)

1. English
2. French
3. German
4. Greek
5. Spanish
6. Dutch
7. Italian
8. Russian

C. Utilities

1. System Set-Up
2. Licensing

D. Help

1. About
2. User Guide
3. Emergency
4. EULA

Button Menus

1. Divers
2. Dive Site
3. Equipment
4. Plan A Dive
5. Boat Plan
6. Dive Log
7. Dive Tables
8. Calendar
9. Set-Up
10. Slideshow

System Set-Up 3

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Set Up Screen

System Set Up

The set-up screen is accessed either through the drop-down menu at the top left of the screen under the utilities menu or via the '**Set-Up**' button on the left-hand windowpane. Clicking on these links allows the user to set-up a number of specific areas in order to allow eDiveSoftware to be tailored to your own needs or the needs of the business. The following areas will require setting up in some degree to allow eDiveSoftware to function correctly:

Dive Operator Maintenance Screen

The operator's sub-screen allows useful information relating to dive operators and organisations to be input into eDiveSoftware. A dive operator may be the diving club at the destination you are diving at, the dive centre you will be operating from or the dive package operator. Generally, this would be whichever person, group or dive centre who named the dive site you are going to. Note that some dive sites are unique to certain clubs/centres etc. This is used in conjunction with data on the **'Dive Sites'** screen and inputting the '**Dive Operator**' populates the necessary drop-down menu on the screen.

To add a new '**Dive Operator**', click on the '**New Dive Operator**' icon in the upper left-hand icon tray. This will open a new dialogue box asking for the dive operator's name.

Input the operator's name and click on the '**Save Dive Operator'** icon. The dialogue box closes; the operator is added to the '**Dive Operators Maintenance Screen**' section of the screen and the cursor moves to the '**Company Name**' box on the right-hand side of the screen. Add an '**email**', '**contact telephone**', '**fax**', '**website**' and full '**address**' of the dive operator in the boxes provided.

Add any comments in the comment box below this relating to the dive operator such as contact names, availability of breathing mixes, quality of service etc.

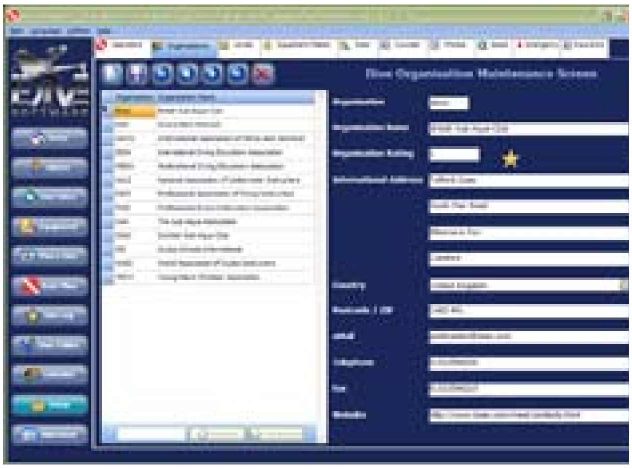
Click on the **'Save Dive Operator'** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the '**Dive Operators**' list on the left-hand side of this screen.

Organisations Screen

The organisations sub-screen allows useful information relating to any organisations to be input into eDive. A dive organisation is generally referred to as those companies that divers are affiliated to. This is used in conjunction with data on the **'Divers'** screen and inputting the '**Organisation**' populates the necessary drop-down menu on the screen.

To add a new '**Organisation'**, click on the **'Add New Dive Organisation**' icon in the upper left-hand icon tray. This will open a new dialogue box asking for the organisation's name.



Input the organisation's name (or truncated reference) and click on the '**Save Organisation**' icon. The dialogue box closes; the operator is added to the '**Organisation**' section of the screen and the cursor moves to the **'Organisation Name**' box on the right-hand side of the screen. Add an '**email**', '**contact telephone**', '**fax**', '**website**' and full '**address**' of the dive operator in the boxes provided.

Add any comments in the comment box below this relating to the dive organisation such as nationality, contact names, quality of service etc.

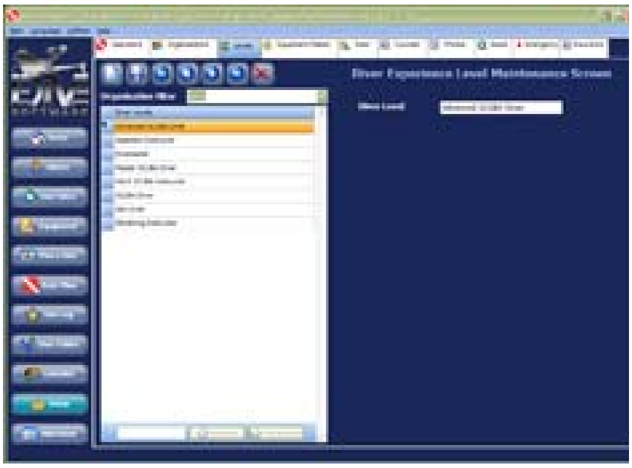
Click on the **'Save Organisation'** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the **'Organisation'** list on the left-hand side of this screen.

Diver Levels Screen

The 'Divers Levels Screen' is used for setting up the specific qualification that a diver has attained whilst being affiliated to a specific organisations (such as 'Scuba Diver', 'Open Water Diver' or 'Sports Diver'). This screen is used in conjunction with data on the **'Divers'** screen and inputting the **'Diver Level'** populates the necessary drop-down menu on the screen.

To add a new **'Diver Level'**, click on the **'Add New Diver Level**' icon in the upper left-hand icon tray. This will open a new dialogue box asking for the **'Diver Level'**.



Input a **'Diver Level'** as per the organisations references and click on the '**Save Diver Level'** icon. The dialogue box closes; a new level is created and the cursor moves to the **'Divers Level**' box on the right-hand side of the screen.

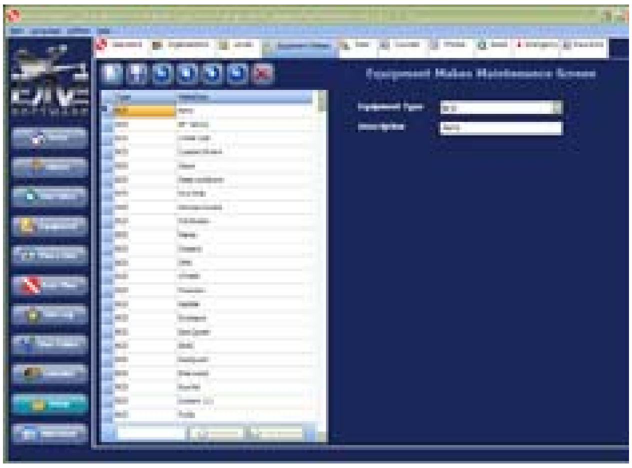
Click on the **'Save Diver Level'** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the **'Diver Levels'** list on the left-hand side of this screen.

Equipment Makes Screen

The Equipment Makes screen is for the maintenance of names and types of the different equipment used by the diver or organisation. This screen is used in conjunction with data on the **'Equipment'** screen and inputting the **'Equipment Make'** populates the necessary drop-down menu on the screen.

To add a new **'Equipment Make'**, click on the **'Add New Equipment Make**' icon in the upper left-hand icon tray. This will open a new dialogue box asking for the **'Equipment Type'** and a general **'Description'** of the item.



Select an equipment type from the drop-down menu, input an equipment make and click on the '**Save Makes'** icon. The dialogue box closes; a new equipment make is created and the cursor moves to the **'Description**' box on the right-hand side of the screen.

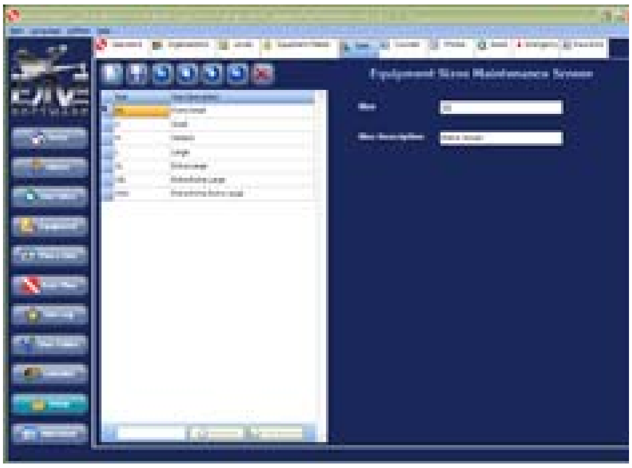
Click on the **'Save Equipment Info'** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the **'Equipment Makes'** list on the left-hand side of this screen.

Sizes Screen

The Sizes screen is for the maintenance of names and types of the different sizes of equipment used by the diver or organisation. This screen is used in conjunction with data on the **'Equipment'** screen and inputting the **'Size'** populates the necessary drop-down menu on the screen.

To add a new **'Size'**, click on the **'Add New Size**' icon in the upper left-hand icon tray. This will open a new dialogue box asking for the **'Size Ref** and a general **'Description'** of the size (such as 'Extra Small').



Click on the '**Save Sizes'** icon. The dialogue box closes; a new size is created and the cursor moves to the **'Size Description**' box on the right-hand side of the screen.

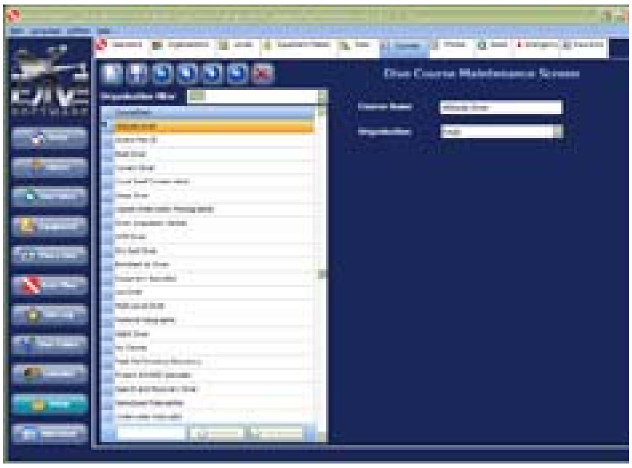
Click on the **'Save Size Info'** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the **'Sizes'** list on the left-hand side of this screen.

Dive Courses Maintenance Screen

The Dive Courses Maintenance screen is for the maintenance of the types of different courses used by instructors or the dive centre affiliated with a specific diving organisation. This screen is used in conjunction with data on the **'Dive Plan** screen and inputting the **'Course'** populates the necessary drop-down menu on the screen.

To add a new **'Course**, click on the **'Add New Course'** icon in the upper left-hand icon tray. This will open a new dialogue box asking for the **'Course Name'**.



Click on the '**Save Courses'** icon and the dialogue box closes; a new course is created and the cursor moves to the **'Course Name**' box on the right-hand side of the screen.

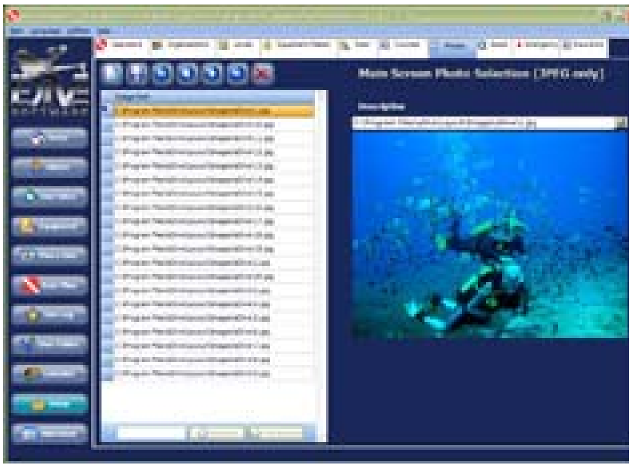
Click on the **'Save Courses'** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the **'Courses'** list on the left-hand side of this screen.

Photos

The sizes screen is for the maintenance of all the photographs used by the application on the Main Screen.

To add a new **'Photo'**, click on the **'Add New Photo'** icon in the upper left-hand icon tray. This will open a new dialogue box asking for the **'Image Path'**.



Click on the **'open folder'** icon in this dialogue box and select the filename of the photograph you wish to import. Note that these photographs should be of a JPEG format. Click on the **'Open'** button and you will return to the original dialogue box. Click the **'Save Photo'** icon in the right of this dialogue box and your photo is added to the list of photographs under the heading **'Image Path',** the dialogue box closes and the cursor moves to the **'Image Path'** box on the left-hand side of the screen.

Should the image selected be incorrect, click on the **'open folder'** icon on the right-hand side of the description box. This will open a further dialogue box confirming the path where the photograph was originally selected from. Select another picture, click on the **'Open'** button and you will return to the original dialogue box. Click the **'Save Photo'** icon in the right of this dialogue box and your photo is added to the list of photographs under the heading **'Image Path',** the dialogue box closes and the cursor moves to the **'Image Path** box on the left-hand side of the screen.

To enlarge your photograph for personal viewing or to check the clarity of the photograph imported, click on the picture of the photograph imported. An enlarged version will now open. To close this enlarged version, simply click anywhere within the photo or via the 'x' in the top right hand corner and you will return to the original '**Photos'** screen.

Click on the **'Save Photos'** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the **'Photos'** list on the left-hand side of this screen.

Boats

The Boats screen is for the maintenance of names and types of the different boats used by the diver or organisation. This screen is used in conjunction with data on the **'Dive Plan', 'Boat Plan'** and **'Dive Log'** screens and inputting the **'Boat'** populates the necessary drop-down menu on the screen.

To add a new **'Boat'**, click on the **'Add New Boats'** icon in the upper left-hand icon tray. This will open a new dialogue box asking for the **'Boat Description'**.

Click on the '**Save Boats'** icon and the dialogue box will close; a new boat name is created and the cursor moves to the **'Boat Description'** box on the right-hand side of the screen.

Under the **'Boat Description'** box on the right-hand side are a number of extra specific details for entry. These are not used by the system for the functionality of the application but are used in a number of various reports (such as equipment servicing etc). These details are also useful for prospective customers or for those members of staff who wish to include more information during boat briefings.

The following areas are available for input and should be input wherever possible:

1. Caption – The Boat Captain's Name
2. Registration – Boat Serial/Registration Number
3. Safety List
4. Boat Photograph

The 'Safety List'

The Boat Safety List is a Pre-Launch safety checklist for all boat operators/boat captains. This will be specific to your company/dive operator and thus should follow the rules laid out in their terms and conditions. Should you company/dive operator have a pre-launch checklist, please have this converted into an Adobe PDF document for easy linking.

To import/attach this boat safety list to the boat record, click on the small **'open folder'** icon to the right of **'Safety List (PDF)'**. This will ask you to confirm the location of this document. Navigate to the correct location, click the appropriate file and click **'open'**. You will then be returned to the main eDiveSoftware application.

Boat Photograph

It is recommended that you include a picture of the boat as this can be used as a clear identification to new boat captain, members of staff and more importantly your customer base. To add a photo, click on the **'open folder'** icon to the right of **'Boat Photograph'**. This will ask you to confirm the location of the photograph. Navigate to the correct location, click the appropriate file and click **'open'**. You will then be returned to the main eDiveSoftware application and the associated boat photograph will be displayed in the photo area.

Click on the **'Save Boat Info'** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the **'Sizes'** list on the left-hand side of this screen.

Emergency

The Two Screens

There are **two** different screens to be accessed to obtain emergency information.

The first screen relates to non-specific emergencies (i.e. those procedures and numbers that are NOT related to the actual divers). They are those steps, telephone numbers and procedures that would be followed in ANY emergency regardless of dive site. These details are editable and set-up depending on your company or organisation.

The second screen is the diver emergency information screen which details all current divers that are diving who have submitted a full plan. When the 'Emergency' button is depressed, all scheduled and planned diver information is displayed on a single screen. Information from the 'Set-Up' screen above (i.e. the 'first screen') is incorporated in this screen. No data can be edited – this data can only be viewed on-screen or printed.

Please do not confuse the **'Emergency Set-up Screen'** and the **'Emergency'** screen.

Note that YOU CANNOT have a diver named under a diver emergency UNLESS they have submitted a plan in the software. The plan does not need to be logged but does need to be SAVED.

Emergency Set-up Screen

To enter the **'Emergency Set-Up'** screen, click on the **'Set-Up'** button in the left hand window pane. A new screen opens up with a number of individual tabs across the top as below). Select the **'Emergency'** tab on the right-hand side.

To add a new **'Emergency Instruction**, click in the area marked **'Emergency Instructions'** and add all the necessary steps and details that are required to help make an effective rescue. Keep all the steps succinct and to the point. Only add information that is necessary and in a way that will not hinder any preparatory steps prior to the arrival of Emergency Medical Services. Click in the **'Emergency Telephone Number'** box and add the emergency number that needs to be dialled in the event of an emergency. This should be limited to one main number (other numbers can be added to the procedures list). Click on the '**Save EMS Data'** icon in the icon tray.

The following telephone numbers give an idea as to the type of information that may be required as part of your emergency procedures:

Include the information for whom to contact such as:

- Local Emergency Services Telephone Number
- Local Hospital Telephone Number
- Police HQ Telephone Number
- Marine Police Department Telephone Number
- Nearest Helicopter (EMS) Telephone Number
- Recompression/O2 Chamber Telephone Number
- A Diving Medical Doctors Direct Telephone Number
- Main Diving Centre Switchboard Telephone Number

Include basic directions from main roads to the centre that may assist drivers or ambulance crews.
Include any information about your dive centre such as the main First Aider that will assist getting emergency help.
Include the location within your centre for the emergency first aid equipment, emergency oxygen, stretchers, defribulators and any other emergency equipment.

Typical on-screen data for an organisation would be similar (but not limited to) the following:

Sound diver emergency alarm (red button next to door)
Print off Diver Emergency screen of diver/s in incident
If decompression sickness is suspected, contact hyperbaric chamber on 0800-999-9999 - ask for airlift.
Ring EMS on 999 informing of diver emergency and give details from printed sheets if required. Inform if patients are being airlifted and expect ETA.
If no airlift, advise that the patients are at the harbour in St Anne’s Bay. Use A986 signposted 'Harbour'. Follow road directly to harbour & take no turnoffs despite signs.
Contact marine police on 09799-9992342 and ask for assistance - they have a quicker boat and may assist with airlift.
Phone Dr Poseidon on 01234-5678910 and advise of incident. Advise of method of transport of victims.
Advise course director (mob 01234-5656567) and managing director (mob 09878-463745) of incident.
Get first aiders to take additional emergency equipment to harbour.
Get road management team to clear roads for ambulance if needed.

Emergency Screen

In an event of an emergency, all diver details planned into the eDiveSoftware system are available immediately by pressing on the **‘Emergency’** button in the left-hand window pane. The following screen will be presented that includes all the information set-up in the **‘Emergency Set-Up’** screen.

The emergency screen is to assist all in the event of an emergency and will detail all relevant information needed at the time of an emergency. When the **‘Emergency’** button is pressed, an automated report is generated and immediately sent to the printer. This will detail all the necessary steps that need to be taken in order to help make an effective rescue possible including local emergency service numbers, nearest hyperbaric chamber numbers etc. This data is taken from the **‘Emergency Set-Up’** screen and from the **‘Divers’** screen.

As can be seen from the above figure, the information displayed is ONLY related to the diver involved in an incident. If more than one diver is involved, there are two different types of print that may be done. Firstly, you may select each diver involved as overleaf under the section **‘Selecting Divers in an Incident for Emergency Use’** and print each record of individually. Care should be taken when giving information to emergency services to avoid any confusion. It is your responsibility to ensure only those divers that need direct attention are printed and thus those printed who are not involved should be shredded. Use the ‘Print Boat’ option with caution due to the limited information available (this after all is merely a ‘boat roster’ screen).

Selecting Divers in an Incident for Emergency Use

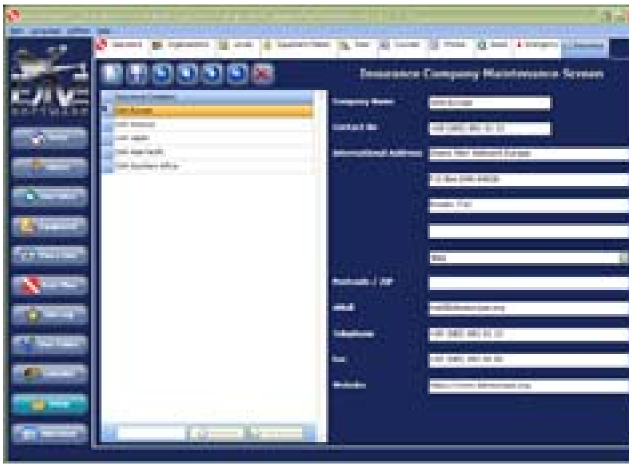
Those divers that have been directly involved in an incident who need medical assistance are printed as below. This section has been formatted this way to assist easy reference and printed off this manual in an emergency.

1. Click on menu option marked ‘Emergency’ (on the Help Menu).
2. Check that date selected in calendar is current date and the date of the logged dive.
3. If incorrect, check date of when dive was logged and highlight on calendar.
4. Look for diver/s name in ‘Divers Name’ box to right of calendar.
5. Select name of diver/s involved in incident.
6. Data boxes will be automatically populated of all dive and EMS data.
7. Click the print button highlighted in red on the right-hand side of the screen.
8. Do this for each dive the diver is due to complete that day so that the emergency services have all relevant information available to them.

Insurance

The insurance screen allows useful information relating to each insurance company to be logged and applied to each diver record. This is used in conjunction with data on the **‘Divers’** screen and inputting the ‘**’Insurance Details’** populates the necessary drop-down menu on the screen.

To add a new ‘**Insurance Company**, click on the **‘Add New Insurance Company**’ icon in the bottom right-hand icon tray. This will open a new dialogue box asking for the company’s name.



Input the company’s name (or truncated reference) and click on the ‘**Save Company’** icon. The dialogue box closes; the operator is added to the ‘**Insurance Company’** section of the screen and the cursor moves to the **‘Insurance Company**’ box on the right-hand side of the screen. Add an ‘**email**’, ‘**contact telephone’, ‘contact name’,** ‘**fax**’, ‘**website**’ and full ‘**address**’ (including the country) of the insurance company in the boxes provided.

Add any comments in the comment box below this relating to the insurance company such as language or nationality, contact names, direct numbers etc

Click on the **‘Save Company’** icon in the icon tray.

There are a number of methods of editing, deleting and searching through the **‘Insurance Company’** list on the left-hand side of this screen.

Dive Tables

eDiveSoftware strongly recommends that you seek advice from a diving instructor or other diving professional or organisation with regards to the use of dive table information whether directly or indirectly within this application. Dive table data, regardless of its source, needs strict and stringent testing once imported to ensure its integrity. NO DIVE TABLE DATA should be used within this application unless you have confirmed both its suitability and usability within the application.

SHOULD NO DIVE TABLE DATA BE IMPORTED, THE SYSTEM WILL DEFAULT TO A DUMMY DATASET. THIS SHOULD NOT BE USED UNDER ANY CIRCUMSTANCES FOR DIVING AND EDIVESOFTWARE TAKES NO RESPONSIBILITY AND DOES NOT ASSUME ANY LIABILITY FOR USE OR MISUSE OF THIS DATA FOR ANY PURPOSE.

The dive table's screen is used for the importation of dive table data that you wish to use in conjunction with eDiveSoftware's powerful repetitive dive planner. Dive table data MUST be imported in the correct format BEFORE it can be used. Should you wish to create dive table data without using the 'Dive Table Creator' spreadsheet, contact eDiveSoftware via their website for further clarification.

The 'Dive Table Creator' can be downloaded from the eDiveSoftware website and should be used wherever possible for the creation of dive table data used within the software. eDiveSoftware DOES NOT take ANY responsibility for the incorrect formatting of data imported into the system via this method and users take FULL RESPONSIBILITY to ensure that data entered, edited, imported and used within the system is fully checked and verified BEFORE use.

Dive Table Creator

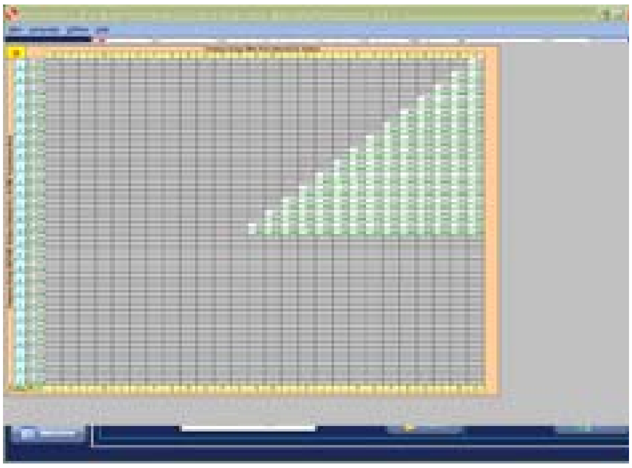
The creation of dive table data can be accomplished as follows. The following method is based on the creation of 'Metric' dive table data – please click the associated 'tabs' for 'Imperial' to create Imperial data.:

1. Open the 'Dive Table Creator' spreadsheet.

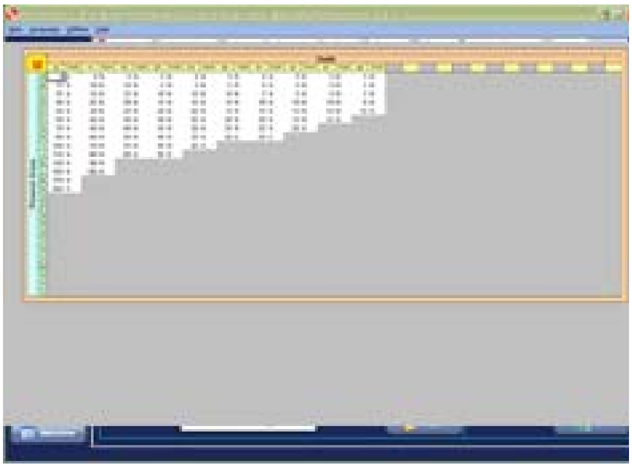
2. Locate the appropriate 'tab' for the type and measurement of the dive table that you wish to create data for (eg Metric and Dive Ending Pressure Group may be done in the 'tab' marked 'Metric')
3. Check the 'recommended' layout for the same tab with the same named ending with 'Test'
4. Input the dive starting pressure groups or letters in the green column on the left-hand side (eg 'A – N' starting with 'A' at the top and working down to 'P')

5. Input the dive depth in meters in the yellow row at the top ascending from the minimum depth through to maximum and any contingency depths (eg ‘12’ to ‘40’). DO NOT enter any data under the columns marked ‘TYP’ for depths. Format should be standard number format (i.e. 10 meters should be entered as 10)
6. Under the column marked ‘TYP’, enter one of the following codes that correspond to whether eDiveSoftware should show that the depth is a ‘standard depth’, a depth that requires a ‘safety stop’ or the ‘no decompression limit’ depth:
    - ‘N’ for ‘Normal’
    - ‘Y’ for ‘Safety Stop Required’
    - ‘X’ for ‘No Decompression Limit’
    - ‘C’ for ‘Contingency Planning Only’
7. ANY OTHER letters used within this area will have no effect on eDiveSoftware and its associated planning
8. Enter data in this format for all depths, pressure groups and codes.
9. There is NO REQUIREMENT to add ‘zeros’ and fields can be left blank. The overall format can be changed (i.e. reversed) with no effect to how the data will be displayed within eDiveSoftware.
10. Negative figures or data in the incorrect format (i.e. a letter in a number formatted field) will be highlighted where possible by the spreadsheet.
11. This data will be used to create the standard dive table ending pressure group table.

12. Click ‘Save’
13. Click on the tab marked ‘Surface Interval’
14. Check the associated ‘Test’ sheets format ending in ‘Test’
15. Input the dive ending pressure groups or letters in the light blue column on the left-hand side (eg ‘A – N’ starting with ‘A’ at the top and working down to ‘P’)
16. Input the dive ending pressure groups after the associated surface interval in the light yellow rows at the top of the screen below the area marked ‘Pressure Group After Your Interval On Surface (eg ‘N – A’ starting with ‘N’ at some point along the top working across to ‘A’)
17. Next to each ‘Pressure Group’ in the light blue column on the left-hand side of the screen are two additional rows highlighted green and white marked ‘St Time’ (surface interval start time) and ‘Ed Time’ (surface interval ending time).
18. Add the starting time in the format hh:mm (i.e. 10 minutes surface interval would be entered 00:10) in the white rows. DO NOT merely enter the minutes. You MUST add the hours even if zero and include the semi-colon!
19. Add the ending time in the format hh:mm (i.e. 10 minutes surface interval would be entered 00:10) in the green rows. DO NOT merely enter the minutes. You MUST add the hours even if zero and include the semi-colon!



20. Click ‘Save’
21. Click on the tab marked ‘Metric RNT’
22. Check the associated ‘Test’ sheets format ending in ‘Test’
23. This sheet is used for the calculation of next dive depth for repetitive dives and associated dive groups or letters
24. In the column next to the light blue column on the left-hand side marked ‘Next Dive Depth, add the required depths for repetitive dive planning (eg ‘12’ down to ‘40’)
25. Input the dive ending pressure groups that correspond to the pressure groups after the associated surface interval in the light yellow rows at the top of the screen below the area marked ‘Pressure Group After Your Interval On Surface (eg ‘N – A’ starting with ‘N’ at some point along the top working across to ‘A’)
26. Next to each ‘Next Dive Depth’ in the light blue column on the left-hand side of the screen are two additional rows highlighted green and white marked ‘RNT’ (residual nitrogen time) and ‘BT’ (maximum bottom time).
27. ‘Residual Nitrogen Time’ refers to the additional theoretical dive time that needs to be added to the current dive time. The total of these two times should NOT EXCEED any recreational dive no decompression limits.
28. ‘Bottom Time’ refers to the maximum allowable bottom time for the given depth for a repetitive dive.
29. Enter the associated ‘RNT’ and ‘BT’ times in the corresponding boxes. Times should be entered as direct numbers in standard format (i.e. 10 minutes would be entered as 10).



30. Click ‘Save’
31. Click on the tab marked ‘Instructions’
32. Click on the button in the top right-hand corner marked ‘Click Here to Extract Dive Table Data’
33. This will then create three files:
    - rdp_data.csv – standard dive table ending pressure group table
    - rnt_data.csv – residual nitrogen table
    - si_data.csv – surface interval credit table
34. Close the spreadsheet application.

Once this process has been completed, the individual comma separated files can be renamed as appropriate. eDiveSoftware highly recommends that you add a prefix that suggests the data files contents (such as ‘SI’ for surface interval, ‘RDP’ for standard first dive pressure groupings and ‘RNT’ for residual nitrogen tables). We also recommend that you include in the filename the associated to the diving organisations data that you may be importing to avoid any confusion.

Re-opening the spreadsheet application and re-clicking the ‘extract’ button will result in the standard named files being overwritten. Should you wish to create a series of different dive table data sets for a number of different organisations, re-name the files BEFORE recreating any data.

Dive Table Import Process

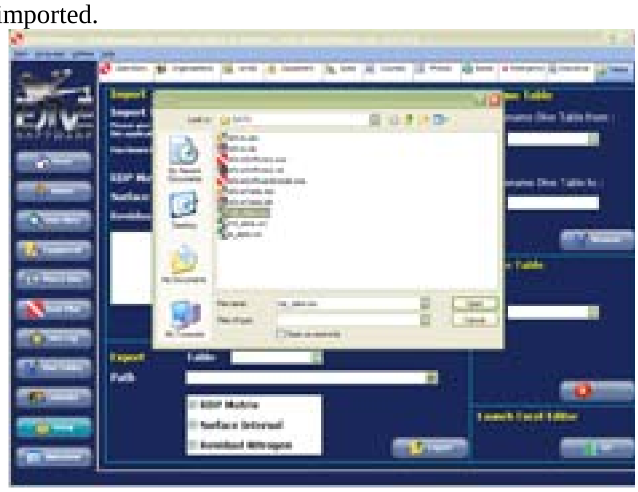
In order to provide as much flexibility in the system as possible, eDiveSoftware allows you to import as many dive table datasets as required. You are NOT limited to a single dataset. It is recommended that, when creating new ‘Divers’ in the ‘Divers Screen’, that you associate these divers with a specific set of dive tables’ This can be achieve by selecting the dive table once imported in the drop-down menu at the bottom left of the divers screen marked ‘Pref Tables’. Any subsequent planning using this ‘Diver’ will automatically select this preferred table. This DOES NOT mean that other tables cannot be used. NO dive table pressure groups or letters are transferable between different dive organisations and you are STRONGLY RECOMMENED to consult your respective diving organisation.

Dive table data ready for importing MUST be in the format as generated by the ‘Dive Table Creator’ applications final comma separated values (.csv) files. Failing to do so WILL result in inconsistent and corrupt data.

Open the eDiveSoftware application and click on the ‘Setup’ button in the lower left of the screen. In the upper right of the selection tabs along the top, select the ‘Dive Tables’ tab.

Table Import

To import the three tables, firstly input the ‘dive table name’ in the box provided at the top of the screen. Below this box is an area to select the ‘Max Hours for Repetitive Dive. Select the appropriate number of hours where this would result in a theoretical ‘negligible’ amount of residual nitrogen in the body after this surface interval. For example, some dive tables assume that, after a period of 12 hours, the amount of theoretical residual nitrogen left in the system after diving has been reduced to an amount that would be either ‘negligible’ for purposes of calculating repetitive diving or approximately the same as if any diving for that day had been done. In this case, ‘12’ would be entered in the box provided. Once the above has been completed you may then import each of the tables. An area has been created for each of the dive tables to be imported by searching your computer. Select the small ‘folder’ icon to each of the respective dive tables and select the file to be imported.



During the import process the files will be checked for formatting errors. These are ONLY BASIC formatting error checks and these DO NOT perform any calculations based on data within or between tables. It is the USERS RESPONSIBILITY to ensure dive table data is correct and conforms to current dive table recommendations. On completion of importation and checking, the files will then be available in both the 'Dive Tables' screen within the main applications AND via the 'Dive Planning' and 'Dive Log' screens. eDiveSoftware strongly recommends that ANY imported data is checked via the dive table screen for incorrect formats verses the original tables used to create the data in the first instance. eDiveSoftware further strongly recommends that dive planning checks are made against imported data versus the original tables used to create data in the first instance to ensure that single, repetitive, safety stop, residual nitrogen, maximum bottom time and surface interval calculations are correct BEFORE ANY DIVING IS PERFORMED.

Table Export

Dive table data can be exported back to its original comma separated values format in order to create 'back-ups' or to edit prior to re-importation. This can be achieve by firstly selecting the tables to be exported from the drop-down list in the lower-half of the screen.

Next, click on 'folder' icon and select the path of where these files should be exported to followed by those files you wish to export via the tick boxes below this screen. Unselecting these will have the effect of only exporting those files that are 'ticked'. To complete the process, click on the 'Export' button.

Table Rename

To rename a currently available table (with the exception of pre-loaded 'dummy' data) click on the drop-down menu named 'Rename Dive Table From' in the upper right of the screen and select the table you wish to rename. Next, type in the name of the table that you now wish to call it in the text box below named 'Rename Dive Table To'. To complete the renaming click on the button marked 'Rename'.

Table Delete

To delete a currently available table (with the exception of pre-loaded ‘dummy’ data) click on the drop-down menu named ‘Delete Table’ in the right of the screen and select the table you wish to delete. To complete the deletion click on the button marked ‘Delete’. You can only delete tables that have not had dives planned or logged against them.

Table Editor (‘Dive Table Creator’)

To launch the dive table editor and to create your own dive tables that are formatted in the correct comma separated values files click on the ‘Launch Excel Editor’ marked ‘Go’ in the lower right of the screen and follow internal instructions.

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Divers

4

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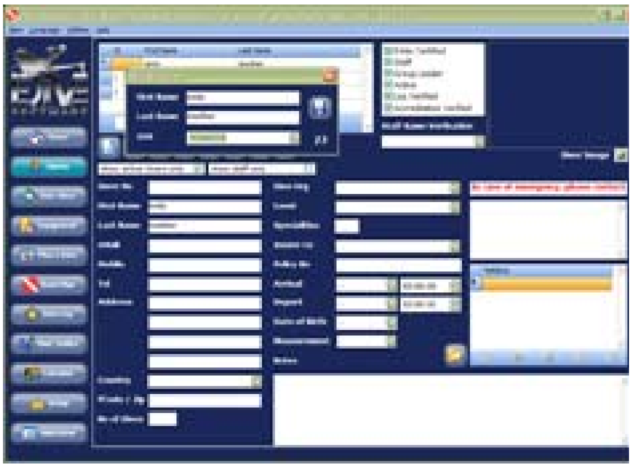
Divers

Adding Diver Information

Diver details are added to the system via the **'Divers'** screen in order to provide a method of input to catalogue, plan and log all dive related information. The screen allows input of qualifications, contact address information, photographs, insurance details, flight details and other diver related data. The majority of this data is used for the dive planning and logging functions although a portion is also stored ready for retrieval in any emergency situations that may arise.

On opening the software, press the button marked '**Divers'** on the left hand pane under the small house. This will open the diver page as per below.



Under the heading '**Divers'** press the '**add new**' icon (small white box, first icon in the row) located below the main 'divers listing' area at the top left-hand side of the screen. This will open the dialogue box named '**Add New Diver**'. Add a first name and surname for the diver and select save (save disc icon). The dialogue box will now close and a new diver record inserted into the system. Check to ensure that the '**first name**' and '**last name**' boxes are completed in all areas of the screen – the two areas in the upper portion and two areas in the lower portion alongside all the other divers' details (see below). Ensure the '**shows active divers only**' flag is ticked in the upper portion of the screen.

You will need to manually add a '**diver number**' if this has not already been self populated by the system. The diver number generally relates to the certification number of the organisation that they are affiliated with. If a diver is a beginner and thus has no certification number, add a unique number (such as parts of first name, surname and date of birth) to this box. Add the divers '**email address**' (if available) plus their '**mobile**' and home contact '**telephone**' numbers. Below the home telephone number is the '**Diver Level**' drop down menu. You must ensure that the diver level (i.e. Rescue Diver) is selected from the drop-down menu.

Complete the '**Address'** and '**Pcode/zip**' (postcode or zip number) areas of the screen relating to the postal address of the diver. Click on the drop-down menu containing the diving '**organisation'** and select the dive organisation that the diver is affiliated with. Enter the total number of dives completed by the diver. There may be a requirement by local law to have this verified so enter details of the last physically logged dive.

Diver Legal Requirements

This area of the screen is for those qualifications that generally need verification by an individual or dive centre prior to being verified. This may include such areas as being a diving professional, being an enriched air diver or whether the dive is affiliated with a certain dive centre (i.e. 'staff'). This area also includes tick boxes showing that the diver is a group leader (i.e. has prior knowledge of the dive site and has authority to lead dives) and whether or not the diver is 'active'.

If the diver has shown credentials and confirmed that he is an enriched air diver, ensure there is a tick in the box for '**EANx Certified**'. If the diver currently works for your organisation, ensure there is a tick in the box for '**staff'**. Should the diver have adequate and reliable proof that he has dived a number of dives sites before and that he has been used for leading dives in the past, put a tick in the box marked '**group leader**'. NOTE: This is an important setting as, when in dive planning screen, you need to select an appropriate dive leader. If a diver or group of divers is not set up as a diver leader, no dive leader can be selected during dive planning or dive logging.

If the diver is currently known to you or your organisation and that the diver is currently diving with you, the tick box for '**active'** should be selected. Only '**active'** divers can be used in dive planning unless the '**show only active divers**' tick box is unselected. Finally, ensure that the diver's logbook has been checked, that the diver has shown you any certification cards and once verified enter a tick in the '**Log Verified**' box. Verify that the diver's certification number (if applicable) has been entered in the '**Diver No**' box above the name and address details. The person who verified the log must select his/her staff name by using the '**Log Verified By**' drop down menu and selecting the appropriate member from the list.

Insurance Information

Due to the nature of diving, most prudent divers have insurance these days regardless of whether this is included as part of a holiday package deal or through and independent broker. These details will be required in the event of an accident and thus these details should be requested from a diver on arrival. There are a number of reports generated by '**eDiveSoftware'** that include all the required details requested from new divers or customers (see chapter on '**Reports'**). Ensure the '**Insurance Co**' name is input in the box provided as well as the policy number ('**Policy No**'). If no details are available, ensure a reference has been made in the '**notes'** area of the screen that these details have been requested but are not currently available.

Due to the increased nitrogen loading the divers subject themselves to when diving, there are a number of accepted guidelines regarding flying after diving. Please check with your local dive centre or your diving organisation for the latest guidelines. The eDiveSoftware software has included areas to input both the '**Arrival Date**' and '**Arrival Time**' along with the expected '**Departure Date**' and '**Departure Time**'. Please ensure that these details are entered with caution as these details may be required by some insurance companies in the event of an accident.

Below the diver insurance information boxes is a small box relating to the type of 'measurement' used in the diver's locality. If you use metres, select the 'metric' option, otherwise select the 'imperial' option for using feet.

Specialties, Number of Dives and Notes

Enter the total number of verified specialties that the diver holds in the box marked **'specialties'**. Once confirmed, verify the number of dives a diver has completed and enter this number in the box marked **'No of dives'**. This will be used as the start point for subsequent dive planning. Should a diver leave the area for a period and return at a later date then this number should be updated prior to further planning. The eDiveSoftware application includes diver log integration – a much quicker way to enter all required details. Any other information should be entered into the notes box including any medical conditions, disabilities, diving preferences or anything else pertinent to the diver.

Save the diver's details at regular intervals to avoid loss of data by clicking on the file save icon in the lower right-hand side of the screen.

Adding a Diver Photo

If possible, ask the diver to submit a photograph prior to arrival. These photographs are used both in the dive planning/logging stages and for boat plans and rosters. This makes for easy identification for instructors taking large classes with customers he has not met. It also keeps the eDiveSoftware database up-to-date. Should a diver not have an image to hand, take one digitally (with their permission) and import this into the eDiveSoftware database. Non-digital photographs should be scanned and imported as normal.

The top right-hand icon (open folder) allows the user to add individual photographs for each diver profile added to the system. Click on the icon which in tern opens a new **dialog box** headed "Please select an image to load for the diver" as per image below. Select an appropriate image for the diver record and click the 'open' button in the lower right hand side of the dialogue box. This image is then inserted into the diver's profile and the dialogue box closes automatically. Please ensure the **'Save Diver Info'** button is clicked prior to any further alterations. You should receive a further dialogue box confirming this ('saved diver information'). Select 'OK' to confirm.

Note : Diver photos are used as part of the automated emergency log and thus should depict a typical 'passport photograph' and not one of an underwater scene. This photograph could be used to help identify possible victims.

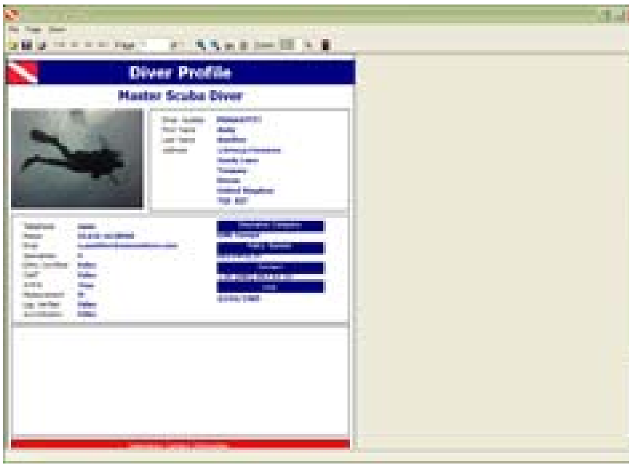
To insert a new diver image, simply repeat the above process and select a different image.

To print the diver details, select the printer icon in the lower right-hand side of the screen. This will bring up a dialogue box with a number of different settings as per image below.

The top portion relates to the current printers that are installed on your computer. If a printer is not available in this list, refer to your operating system literature and install a printer on your computer. The lower portion of this dialogue box relates to the final location of the generated report of which there are three choices:

Preview

This will give you and on-screen shot of how the print would look on paper (colour dependent) – see preview below. This will give you further available options on screen such as direct print or saving to a file.



Printer

This will send the selected pages directly to the printer without any option to preview. Select the **'Setup'** button which will open a further dialogue box allowing you to change the available printers on your computer prior to direct printing. Select the preferred printer from the drop-down menu, click on the button marked **'OK'** and return to the previous dialogue box. Click on **'OK'** to send the print to the selected printer.

File

This option allows you to download the selected pages directly to a known file format (such as Native Printer, Adobe PDF, etc). Add a filename in the **'File'** box, click on the **'format'** drop-down menu box and select the required output format. Click on the button marked **'save'** to send the required pages to the location in the format selected.

There is also a further option relating to the type of print required and the number of copies. Choose **'Collate'** to have the printed range printed in the currently selected order or choose **'Duplex'** to have the pages printed back-to-back (i.e. front and reverse). Select the appropriate number of copies of the selected pages and click on the print button to send the selected pages to the requested area of output.

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Dive Sites 5

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Dive Sites Set-Up

This screen is for setting up known dive sites. A known dive site is commonly referenced as a site that has been visited before by a current member of staff. Despite this you may add, if you wish, other ‘known’ dive sites that are much further away or those that you actually have not visited. As you will find out from the **‘Google Earth’** button below, this software is linked to Google Earth® and thus you can instantly look up dive site information when you have access to the internet and when you have Google Earth® installed. Add new dives sites with care!!

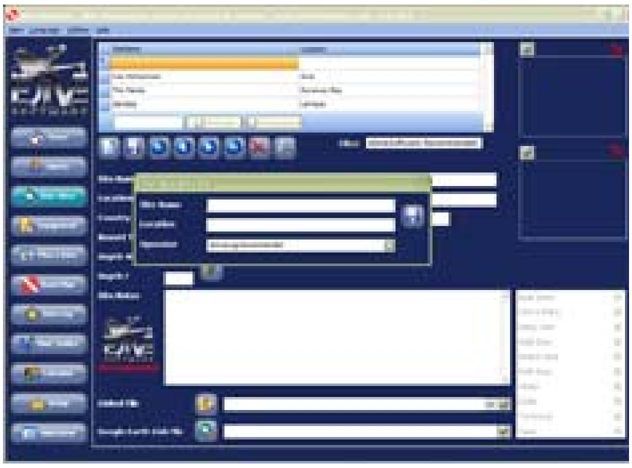
Periodically, eDiveSoftware Ltd will send out updates with new site details included.

On pressing the **‘Dive Sites’** button in the left-hand window pane the **‘Dive Sites’** screen will open as below.

This screen is very similar to the previous screen where you entered details for the diver or customer. The top left-hand pane relates to the actual dive site name and the information below this gives further information about the actual dive site. Please take time to fill out all areas of this screen.

Add a New Dive Site

Click in the ‘**Dive Sites**’ area of the screen in the top left-hand corner of the screen and select an available line. At the top-left of the screen below the main **‘Dive Sites’** box are a number of icons. Select the ‘**Add New Dive Site Record**’ (left most of these icons - the small white writing pad). This will open up a new dialogue box named **‘Add New Dive Site Name’** with two input boxes below. Add a **‘Site name’** (a name commonly used by everyone for this site) and the **‘Location’** (such as the nearest town or city). Once entered, click on the save icon slightly to the right of these boxes to save the dive site information. The dialogue box should now close and the cursor should jump to the ‘**Country’** input box in the dive site information below. Add the appropriate country name and either press the tab key or use your mouse to select the next input box. Input the ‘**resort town**’ (i.e. the town nearest to the dive site) and the known depth of the dive site in metric (meters) or imperial (feet). A depth converter is included slightly to the right of these input boxes.



Dive site depth conversion

To convert the dive site depth between metric or imperial, input the known depth in either metres or feet in the Depth M (metres) or Depth F (feet) input box. Slightly to the right of these input boxes is a small series of lines with the hint '**depth conversion**'. Click on this button and a new dialogue box will open to help you convert between metric (metres) and imperial (feet). Simply input the known figure in the corresponding '**Depth M**' or '**Depth F**' and press 'Convert meters to feet' or 'convert feet to meters' as appropriate. The conversion takes place and the converted number is inserted in the opposite box. Pressing the save button will automatically insert these numbers in the corresponding boxes on the dive site screen.

Dive Site Type

Once you have completed the dive site depths, you may also include further information relating to the type of dive site. For example, the dive site may be a wreck lying in twenty metres of water. Click on the tick boxes that would signify the dive site type (in this case, wreck and deep). If the dive site is accessible from the shore, click on the '**shore'** tick box. This information should be used in conjunction with the '**site notes**' box on the lower left-hand side of the screen. Site notes may include specific information relating to directions to the site, transit points, specific areas of interest, hazards, entry techniques, nearest habitable area and the like. You may also highlight areas of concerns or areas specific to the type of diving.

Dive Site Photos

Two areas exist for the inclusion of dive site photos in the top right-hand area of the dive site screen. Click on the upper icon depicting an '**open folder**' and a new dialogue box will appear headed '**Please Select an Image to Load for the Dive Site**'. Click on the '**Look In**' drop down box and open the folder containing the images of your dive sites (note : these images may originally have been imported into your images folder as part of your eDiveSoftware set-up – see chapter '**eDiveSoftware Set-Up**' for further information). Select an appropriate image for the dive site and click on the '**open'** button as below. The dialogue box will now close and the picture inserted in the upper of the two photograph areas on the screen. Repeat this for the second '**open folder**' icon as necessary, inserting a further photograph of the dive site. These photos may include specific scenic underwater photographs of the dive site as well. Clicking inside the photograph will enlarge this on screen. To remove the enlarged picture, click the red 'x' at the top right-hand side of this photo box and the enlargement to return the picture back to its normal size.

Dive Operator

Finally, add the dive operator that usually provides excursions to this site. This may be your organisation, the tour operator or this simply may be your favoured boat captain for the area. Click on the drop-down box underneath ‘dive operator’ and select the appropriate dive operator for this site. The drop down box will close and the selected dive operator inserted.

Dive Site Save

Remember to save your data! Select the save icon in the lower right-hand side of the screen depicting a small floppy disc. A dialogue box will open to confirm the dive site information has been saved. Click on the ‘**OK’** button to confirm and close the box.

Dive Site Printing

Another useful feature is the print preview and printing functions of dive sites which can be taken en-route to dive sites for easy identification. Further upgrades will include the functionality of being able to upload your dive site maps for briefings etc. Once all information relating to your dive site has been correctly input, click on the icon printer icon on the lower right-hand of the screen. This will open the dialogue box named ‘**Output Options**’.

The top portion relates to the current printers that are installed on your computer. Ensure this box has an appropriate printer. If not, refer to your operating system literature and install a printer on your computer. The lower portion of this dialogue box relates to the final location of the generated report of which there are three choices:

Preview

This will give you and on-screen shot of how the print would look on paper (colour dependent) – see preview below. This will give you further available options on screen such as direct print or saving to a file.

Printer

This will send the selected pages directly to the printer without any option to preview. Select the **'Setup'** button which will open a further dialogue box allowing you to change the available printers on your computer prior to direct printing. Select the preferred printer from the drop-down menu, click on the button marked **'OK'** and return to the previous dialogue box. Click on **'OK'** to send the print to the selected printer.

File

This option allows you to download the selected pages directly to a known file formats (such as, Native Printer, Adobe PDF, etc). Add a file name in the **'File'** box, click on the **'format'** drop-down menu box and select the required output format. Click on the button marked **'save'** to send the required pages to the location in the format selected.

There is also a further option relating to the type of print required and the number of copies. Choose **‘Collate’** to have the printed range printed in the currently selected order or choose **‘Duplex’** to have the pages printed back-to-back (i.e. front and reverse). Select the appropriate number of copies of the selected pages and click on the print button to send the selected pages to the requested area of output.

Google Earth® Link File

There is an additional function that links your dive site information directly to Google Earth®. You will need to ensure that this application has been installed on your computer in order to use this function (see chapter ‘**eDiveSoftware Set-Up**’ for further information). Two separate buttons are available for this function. The first is the ‘**search earth**’ icon depicting a magnifying glass and globe. This button will run the Google Earth® application and access the data relating to your site when set-up. To load a site link that has either been downloaded from other sources or one that has been saved via the application, click on the icon depicting an ‘**open folder**’ which will open a drop down list. This provides a list of all ‘**link files**’ (these can be created/exported through Google Earth as a .KMZ file) that have been saved in the eDiveSoftware Link folder for Google Earth®.

Saving a Google Earth® Dive Site Place Marker

Firstly, ensure that you have Goggle Earth® installed and functioning correctly. This can be downloaded directly from the internet and, depending on the version, installed for free. Once Goggle Earth® has been installed, locate the dive site by either searching via the Google Earth® search patterns or by simply locating the country where the dive site is located and manually scrolling until you locate the site. You can now place a Google Earth® Place Mark on the dive site and save the dive site with an appropriate name such as ‘St Georges Island, Cyprus’. Please ensure that this place mark is saved in your own personal place markers on the left hand pane of Google Earth® for later use. Once the dive site has been named and saved, right mouse click on the dive site place marker and a drop-down menu should appear. Select ‘**save as**’ from the list and a new dialogue box will open named ‘**save file…**’. Change the directory to the eDive\LinkFile directory and give the dive site an appropriate name such as “StGeorgesCyprus.kmz”. This will save the file in the correct location ready for upload into eDiveSoftware as a Google Earth® link. Close the Google Earth® application and return to back to eDiveSoftware and the Dive Sites screen if not already open. Click on the ‘**open folder**’ icon on the lower Right Hand Side of the screen and select the ‘**eDive\LinkFile**’ directory – you should find the saved place marker for your dive site (link file -.kmz extension) in this directory. Click on it to select and click on open. The current dialogue box should then close inserting the Link File name in the input box. Remember to save the dive site information that you have processed using the save icon in the lower right-hand side of the screen. Every time you now come across this dive site and have a requirement to see the location via Google Earth®, you merely need to select the icon that depicts a magnifying glass and globe. This will then automatically open the Google Earth® link to this dive site.

Equipment

6

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Equipment

Adding Diver Equipment Information

The equipment screen manages diver equipment both for retail hire and sales but also helps to estimate approximate diver weighting based on several factors.

Select for each item whether the dive gear is on hire or not. This is used to help ascertain costs for the individual's account and also logs what equipment has been used so that on return at a later stage, the client can request the same equipment as previously used.

Firstly, select the appropriate diver from the drop down list. If none are found, check to ensure the check box marked **'show active divers only'** has a tick in it. This will bring up any information relating to that diver such as diver weight etc. Currently, however, this may be blank. If there are no divers available from the drop-down box, add a diver and his or her details via the '**Divers**' screen. If divers are available, select for each area of equipment the make and approximate cost (should the manufacture be missing, see the '**Add Manufacturer**' in the index or the chapter on **'eDiveSoftware Set-Up'**). On the right hand side, add an appropriate equipment name (i.e. "John's Wet Gear") as per below.

Once added, select the first drop-down menu named **'Make'**. This contains equipment manufacturer and model names of a number of different types of diving equipment. These can be edited and new manufacturers and models added – see Chapter 3 on **'System Set-Up**' for further details. Select the manufacturer/model of the type/make of equipment you will be using and the drop-down box will close adding that item to your list. When adding manufacturers name you can simply type in the first letter of the manufacturer once the drop down box has been activated. This will speed up the data entry process. Regularly save this information using the **'Save Diver Info'** button at the lower right-hand side of the screen. The lower left-hand side of the screen allows input of any additional information relevant to the diver such as where this type of equipment was used, any personal comments from the diver relating to the equipment etc.

Above the equipment make is a tick box to indicate whether the item is on hire or owned by the diver. Put a tick in this box if on **'hire'**.

Further down the list is an area for inputting the diver’s weight. This will calculate your recommended starting weight to be added to a weight belt. Clicking to the conversion area next to the input box allows weights to be input in either pounds or kilograms. A further dialogue box will open allowing input into separate boxes for the different measurements. Pressing return will convert the input number into pounds or kilograms. The pounds figure will be returned to the equipment screen. The recommended weight will be returned in red at the bottom of the screen under **‘Recommended Weight’**.

Any additional costs to be incurred such as breakages or losses can be input into the **‘additional costs’** box for use in reports later.

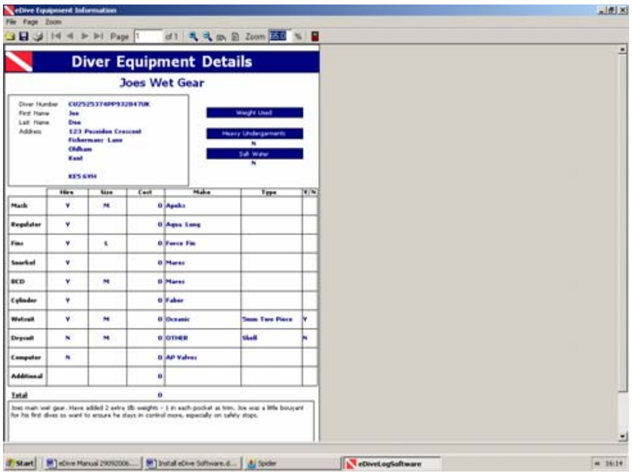
Equipment List Printing

Another useful feature is the print preview and printing functions of the equipment screen which can be printed for easy reference. This also identifies to customers exactly what kit is theirs and what kit is on loan or on hire. A report is available for invoicing (see Chapter 13 on **‘System Reports’**). Further upgrades will include the function of being able to amalgamate a group of divers for handling to kit stores etc. Once all information relating to your equipment needs have been correctly input, click on the icon printer icon on the lower right-hand of the screen. This will open the dialogue box named ‘**Output Options**’.

The top portion relates to the current printers that are installed on your computer. Ensure this box has an appropriate printer. If not, refer to your operating system literature and install a printer on your computer. The lower portion of this dialogue box relates to the final location of the generated report of which there are three choices:

Preview

This will give you and on-screen shot of how the print would look on paper (colour dependent) – see preview below. This will give you further available options on screen such as direct print or saving to a file.



Printer

This will send the selected pages directly to the printer without any option to preview. Select the **'Setup'** button which will open a further dialogue box allowing you to change the available printers on your computer prior to direct printing. Select the preferred printer from the drop-down menu, click on the button marked **'OK'** and return to the previous dialogue box. Click on **'OK'** to send the print to the selected printer.

File

This option allows you to download the selected pages directly to a known file formats (such as Native Printer, Adobe PDF, etc). Add a filename in the **'File'** box, click on the **'format'** drop-down menu box and select the required output format. Click on the button marked **'save'** to send the required pages to the location in the format selected.

There is also a further option relating to the type of print required and the number of copies. Choose **‘Collate’** to have the printed range printed in the currently selected order or choose **‘Duplex’** to have the pages printed back-to-back (i.e. front and reverse). Select the appropriate number of copies of the selected pages and click on the print button to send the selected pages to the requested area of output.


Dive Planner
7

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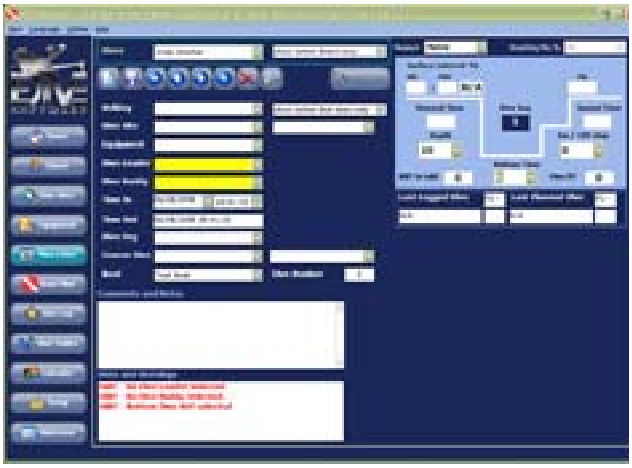
Dive Plan

Planning a Dive

The dive planning screen provided by eDiveSoftware is based on past dive information from a number of leading dive authorities and organisations. The planning screen allows users to plan theoretical dives based on known quantities (such as depth, bottom time, surface intervals etc). This is also based on current diver qualifications and although most of these areas can be overridden, it is not recommended. Based on the information supplied by the person planning the dive, a number of useful hints and warnings are brought up on screen to help in the planning process. The image below shows the blank dive plan screen on opening for the first time.



The dive planning screen allows divers to plan single and repetitive dives whilst taking into account your imported data table data.

The System will allow a diver to select dive depths and times giving the diver a variety of hints and warnings based on the information provided. On subsequent dives that the system treats as repetitive dives, the system will automatically calculate any residual nitrogen (RNT), maximum depths, bottom times, maximum bottom times, start and end dive numbers, letters, pressure groups and dive end times. Dives can also be planned 'out of sequence' whereby the system will re-order as necessary. However, you will need to review the dives in sequence in order to ensure all warnings are checked in the correct order. The system will NOT ALLOW programming of 'illegal' dives such as dives whose start time is inside a currently planned or logged dive or where the profile is outside recommended boundaries of the dive tables loaded.

Recreational diving is DANGEROUS and ANY dive planning is based on theoretical physiological models. No person is the same and coupled with the fact that all diving is based on these theoretical principles, ALL DIVERS are susceptible to decompression illness/sickness or the bends. NO AMOUNT of dive planning or experience can exempt you from the possibilities of diving associated injuries. However, proper dive planning and following clear recommendations from your associated diving organisations can help limit and injuries. eDiveSoftware and the eDiveSoftware software make NO direct recommendations and any recommendations given by the system are ONLY based on current diving recommendations and thus DOES NOT assume that any individual, diver or company using this software would be free from ANY such risks, however small.

The system will also provide the user with **'Hints and Warnings'** based on the currently selected dive table/algorithm. All dives planned can be subsequently logged into the electronic dive log after the dive.

NOTE:
1. You can ONLY plan a dive on a diver who is currently 'active' AND who has been set-up within the system under the diver screen.
2. Areas highlighted in yellow are necessary for safe dive planning and correct diving procedures.

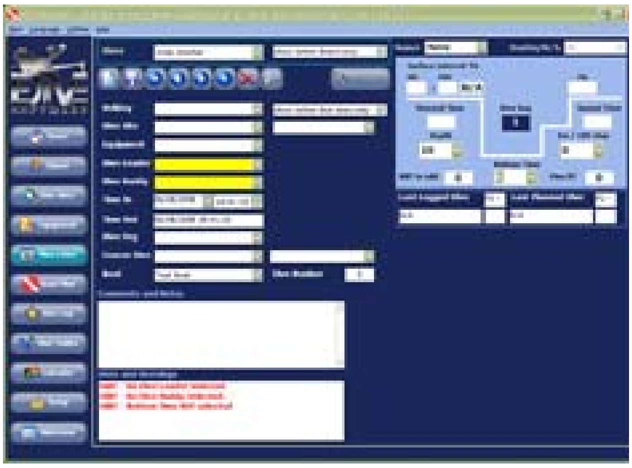
Dive planning starts at a diver level and, although no other diver parameters are needed, it safely assumes that you will be diving with a dive buddy. The system also assumes that other ancillary information has also been made available (such as equipment type, holidays, diver organisation etc).

Planning a dive is a relatively simple process based around selecting the diver, dive sites and other information already set-up in previous screens such as **'Dive Sites**'. Below the screen headed of **'Dive Planning'** is a drop-down menu containing diver's names. Click on the small arrow to the right of this and select an appropriate diver. If none are found, check to ensure the check box marked **'show active divers only'** has a tick in it. If there are still no diver's names found, it is probable that no diver information has yet been added to the system. If this is the case go back to the **'Divers**' screen and add those divers who will be diving and used within the dive plan.

Once selected, a calendar box will open requesting for the actual date of the dive. This should currently be set to the system date of your computer. Select the date of the proposed dive and click the save icon on the lower right of this box. The dialogue box should close and the date information inserted into the dive plan.

Click on the dive site drop-down box below and select the dive site that will be used for this dive. Check that this box is not ticked unless you are wishing to manually override this setting to allow for safety margins etc. If no dive sites are found, check to ensure the check box marked **'show active diver sites only'** has a tick in it. If there are still no dive site names found, it is probable that no dive site information has yet been added to the system. If this is the case go back to the '**Diver Sites**' screen and add those dive sites which will be diving and used within the dive plan.

Select the equipment that the diver is going to use (such as **"Joes Wet Gear"**) and then select the dive leader from the dive leader drop down box. If none are found then no divers set-up in the divers screen have been verified as dive leaders. Check to ensure the check box for each diver marked **'Dive Leader'** has a tick in it in the '**Divers'** screen ensuring to save any progress beforehand by using the **'Save Now**' icon in the lower right of the screen. Once the diver leader is confirmed, select a dive buddy (this could either be the dive leader or another diver in the listing). Again, this will be dependent on whether divers have been set-up in the '**Divers'** screen. The image below depicts a typical dive plan screen. Note that the system will allow a dive buddy, dive leader and the diver planning the dive to be the same person (i.e. solo diving). This should only be used for dive planning and for safety reasons you should adopt a policy of diving with a buddy.

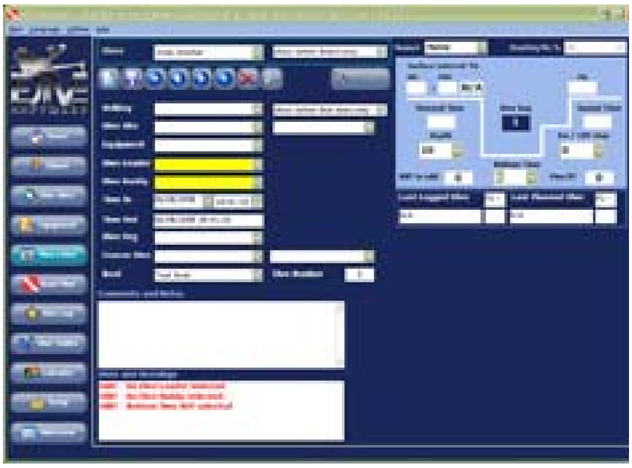


Dive entry time and exit time should then be edited under the drop down box for **'Time In'** noting that **'Time Out'** is automatically calculated dependent of the dive variable added. Simply click on the hours and once confirmed minutes (plus seconds if required) and edit the number by either typing the number in or using the up/down arrows to the right of the box. Once diver times have been entered the plan needs the course (or dive type such as **'escorted'**) and the boat name (if applicable).

Select the course name (such as '**Confined Water Dive 1**'or '**Escorted Dive**') from the drop-down menu, plus any additional combined courses from the second drop-down menu and then select the boat that is being used for this dive if applicable. If no boat is being used, select **'No Boat Required**' from the drop-down menu. Update the dive number for this dive in the box provided remembering to include the currently planned dive.

Select '**Metric'** or '**Imperial'** in the drop-down boxes at the top of the screen depending on which system you are using and select the type of back gas that you would be using for the dive. Depending on your version, this may include mixes from 21% through to 40%. When using 'normal' air, select 21%, otherwise select the appropriate mix for the dive. Note that the mix allowed will not allow you to plan below the maximum operating depth or time for that mix (depending on the data you imported).

Once selected, select the proposed maximum depth for the dive and the corresponding time. Times are based on the type of decompression algorithm selected in the initial set-up of the application. If a previous dive has been completed and logged, surface interval and starting pressure group areas of the screen may have been already populated. If correct, this will affect the dive depth and times of subsequent dives, again dependent on the type of decompression algorithm initially set-up.



Additionally, enter the **'descent time'** and **'ascent time'** for the dive plus any suggested/recommended safety stops. ALL these times are used to calculate the **'Time Out'**.

Steps To Plan a Single Dive

Part One - Diver Information

1. Select an active diver from the drop-down list (PIC)
2. Update the 'Holiday' from the drop-down list if necessary
3. Select the dive site operator and the name of the dive site that you will be diving. If this is currently not known, this can be updated at a later stage.
4. Select the equipment to be used on the dive.
5. Select the dive leader from the drop-down menu (must be an 'active' status diver).
6. Select the dive buddy that you will be diving with if known (must be an 'active' status diver).
7. Select the date that the dive will be done followed by the approximate dive time in (again, this can be updated at a later stage such as post diving).
8. Note that the 'Time Out' will be default to a preset time. This time will be updated by the system dependent on the parameters input into the system.
9. Select the dive organisation that you are diving with and any associated courses. The Dive Organisation defaults to the Divers selected Dive Organisation set-up in the 'Divers' screen but can be overridden at the dive planning stage due to the different available organisations throughout the world.
10. Select an associated second course if necessary - Some diving organisations allow multiple dive courses to be run simultaneously (such as PADI who allow, for example, Enriched Air Diver specialty to be run at the same time as other 'in-water' courses).
11. Select an available boat. Only 'active' status boats can be selected.

12. Enter the dive number for this dive based on your previous number of dives. For example, if you have done 40 dives, the first time you run the system you should enter 41 (although the application will try to pick this up for you). All subsequent dives will be based on this number but, again, can be overridden if necessary.

13. Select 'Measure' at the top right of the screen (Imperial or Metric). This defaults to the measurement set-up for the individual diver in the diver screen. This is used in conjunction with the dive tables AND the depth within the dive profile screen embedded in the main dive planning screen.

14. Select the appropriate diving mixture to be used dependent on your version of eDiveSoftware (Air version defaults to 21% only).

Part Two - Dive Profile Information

1. Input a dive descent rate in metres or feet (dependent on measurement). This is NOT a mandatory field and will always give a HINT in the hints and warnings box dependent on current diving recommendations. It is STRONGLY recommended that this be completed as this affects your 'Time Out' and thus decompression obligations on repetitive dives.
2. Select the approximate maximum depth of the dive you are planning. If the depth you are to dive to is not available, round up to the next available depth (thus making a more conservative estimate).
3. Depending on the depth selected, only certain available bottoms times will be available based on the current dive table loaded.
4. Note that the 'RNT to add' box is currently set to '0'. The system will automatically update this on repetitive dives
5. Select the approximate maximum bottom time of the dive you are planning. If the bottom time you are to dive to is not available, round up to the next available bottom time (thus adding more a more conservative estimate).
6. Select an available safety stop time. This is NOT a defaulted time NOR is it system dependent BUT it is highly recommended under current diving practices
7. Select an ascent rate in metres or feet (dependent on measurement). This is NOT a mandatory field and will always give a HINT in the hints and warnings box dependent on current diving recommendations. It is STRONGLY recommended that this be completed as this affects your 'Time Out' and thus decompression obligations on repetitive dives.
8. Note the final ending pressure letter, number or group. This is used by the system to generate theoretical residual nitrogen loading. This is all based on the data you imported, hence the need for thorough checking on your part.
9. SAVE!!! by clicking on the save icon in the upper left of the screen.

Dive Profile Screen

The dive profile screen is made up of a number of different areas relating to your currently planned dive. All information within this area is in conjunction with any previously logged or planned dive as well as current dive dates and times. The system will automatically calculate surface intervals between the last logged/planned dive.

Surface intervals are used by the system to generate dive letters/pressure groups for the start of all dives. Current dive depths and associated bottom times then allow the system to generate further dive letter/pressure groups based on recommended dive practices.

These end letters/pressure groups are then used in conjunction with subsequent dive planning surface interval, depths and bottom times.

The system automates ALL areas wherever possible in order to provide suitable dive planning based on current theoretical recommendations from most diving organisations.

Repetitive Dives

eDiveSoftware is able to handle complex repetitive dives. Any dive that is planned or logged into the system that is within recommended time intervals is regarded as a repetitive dive - it is generally accepted that once a set number of hours has elapsed (defined by you when you import your dive table data), the nitrogen loading from diving is negligible and thus relatively safe to assume that a further dive would, in theory, be the same as if no previous dive has been completed.

To plan a repetitive dive, start a new dive in the dive planning screen for the correct date and time as per a normal, single dive (see the ‘Steps To Plan a Single Dive’ section above). The system will automatically calculate any surface intervals based on the dive table data you imported. This will generate a starting letter/pressure group that takes into account nitrogen loading from the previous dive. All subsequent dive information will be based on these values plus additional dive values entered by the user from this point (such as depth, bottom time etc).

1. Select an active diver from the drop-down list (PIC)
2. Update the 'Holiday' from the drop-down list if necessary
3. Select the dive site operator and the name of the dive site that you will be diving. There are two types available - eDiveSoftware Recommended and Operator). If this is currently not known, this can be updated at a later stage.
4. Select the equipment to be used on the dive.
5. Select the dive leader from the drop-down menu (must be an 'active' status diver).
6. Select the dive buddy that you will be diving with if known (must be an 'active' status diver).
7. Select the date that the dive will be done followed by the approximate dive time in (again, this can be updated at a later stage such as post diving).
8. Note that the 'time Out' will be defaulted to a preset time. This time will be updated by the system dependent on the parameters input into the system.
9. Select the dive organisation that you are diving with and any associated courses. The Dive Organisation defaults to the Divers selected Dive Organisation set-up in the 'Divers' screen but can be overridden at the dive planning stage due to the different available organisations throughout the world.
10. Select an associated second course if necessary - Some diving organisations allow multiple dive courses to be run simultaneously (such as PADI who allow, for example, Enriched Air Diver specialty to be run at the same time as other 'in-water' courses).
11. Select an available boat. Only 'active' status boats can be selected.
12. Enter the dive number for this dive based on your previous number of dives. For example, if you have done 40 dives, the first time you run the system you should enter 41. All subsequent dives will be based on this number but, again, can be overridden if necessary.
13. Select 'Measure' at the top right of the screen (Imperial or Metric). This defaults to the measurement set-up for the individual diver in the diver screen. This is used in conjunction with the dive tables AND the depth within the dive profile screen embedded in the main dive planning screen.
14. Select the appropriate diving mixture to be used dependent on your version of eDiveSoftware (Air version defaults to 21% only).
15. Input a dive descent rate in metres or feet (dependent on measurement). This is NOT a mandatory field and will always give a HINT in the hints and warnings box dependent on current diving recommendations. It is STRONGLY recommended that this is completed as this effects your 'Time Out' and thus decompression obligations on repetitive dives.
16. Select the approximate maximum depth of the dive you are planning. If the depth you are to dive to is not available, round up to the next available depth (thus adding a more conservative estimate).
17. Depending on the depth selected, only certain available bottoms times will be available based on the current dive table loaded.
18. Note that the 'RNT to add' box is currently set to '0'. The system will automatically update this on repetitive dives
19. Select the approximate maximum bottom time of the dive you are planning. If the bottom time you are to dive to is not available, round up to the next available bottom time (thus adding a more conservative estimate).
20. Select an available safety stop time. This is NOT a defaulted time NOR is it system dependent BUT it is highly recommended under current diving practises.
21. Select an ascent rate in metres or feet (dependent on measurement). This is NOT a mandatory field and will always give a HINT in the hints and warnings box dependent on current

diving recommendations. It is STRONGLY recommended that this be completed as this effects your 'Time Out' and thus decompression obligations on repetitive dives.
22. Note the final ending pressure letter, number or group. This is used by the system to generate theoretical residual nitrogen loading.
23. SAVE!!! by clicking on the save icon in the upper left of the screen.

Dive Sequencing

Generally speaking, most divers plan their dives well in advance and because of their attention to correct dive planning procedures, most dives are planned in a timely and well thought-out procedure. However, this is not always the case and it is sometimes necessary to re-schedule plans, change “time-in’s” and reorder as necessary. This generally creates a huge amount of work due to the complexities involved in having to re-calculate surface intervals, pressure groups, dive letters etc etc

eDiveSoftware allows divers to readily enter dive plan information and then re-order by changing dive times, depths, bottom times and every facet of each of the repetitive dives.

IF YOU WISH TO RE-SEQUENCE DIVES it is imperative that each dive is checked and saved <u>in order</u> once the dive data has been changed. This will allow the calculations to be picked up with the correct values in the correct order.

Note that, when setting up a second dive that is considered as ‘repetitive’, the dive you are currently planning is given a ‘dive sequence’ number that can be identified in the centre of the profile screen.

The system uses this to determine the current, correct dive order – if you have planned a number of dives and decide to change each of the diver’s dive times resulting in the original order changing, eDiveSoftware will automatically sort these into the correct order based on dive date and/or times.

In order to facilitate correct functioning of the system, it is necessary to run through ALL of the planned dives in sequence, saving each dive in turn. This forces eDiveSoftware to recalculate a huge variety of data based on newly entered values. None repetitive dives do not need to go through this process.

FAILURE TO SAVED AND MANUALLY PASS THROUGH EACH DIVE IN SEQUENCE MAY RESULT IN DATA LOSS OR INCORRECT VALUES.

Adding/Uploading Dive Computer Data

The current version of eDiveSoftware allows the attaching of dive computer data only. This is by attaching a single file to a dive. This file can be in any format and is simply a reference to a file.

Comments and Hints/Warnings Boxes

After entering dive information, there are a number of areas of the screen that any diver should check.

Last Logged/Planned Dive - This is situated below the main dive profile screen and advises of the last planned and logged dives in the system. This information is used in the generation of further planned dives.

Hints and Warnings Box - This is situated in the lower left portion of the screen and highlights areas of concern, gives suitable dive planning warnings (such as recommendations on safety stops, reverse profiles etc) and dive planning hints (ending pressure groups, dive planned after system diver flight date etc). It is strongly advised that any hints and warnings are dealt with as and when they appear.

There are two areas of the screen on the bottom left hand side relating to comments and hints or warnings. The comments area allows the user to input relevant details regarding the dive such as whether the dive has been completed before, and a general outline of what is expected of the dive. You should include relevant details in this area such as entry and exit points. These printed plans are then included as part of the **‘boat pack’** and referenced by the boat captain, marshals, handlers, dive centres etc for specific reasons (such as in an emergency). It is prudent to put as much detailed information relating to the dive and dive site. The hints and warnings area suggests possible ending pressure groups during dive planning and any applicable hints such as recommended safety stops and possible areas of concern (especially when using the limits of dive tables).

Save the plan by clicking on the ‘**save now**’ icon in the bottom right hand corner of the screen.

Hints and Warnings are triggered based on the information provided. It is your responsibility to ensure that these are correct and that no other errors exist in the plan or logged data.

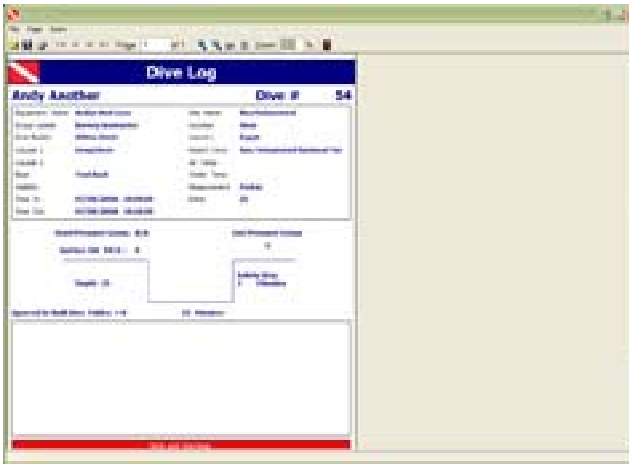
Dive Plan Printing

Another useful feature is the print preview and printing functions of dive plans which can be taken en-route to briefings and/or dive sites for reference. Once all information relating to your dive plan has been correctly input, click on the icon printer icon on the lower right-hand of the screen. This will open the dialogue box named ‘**Output Options**’.

The top portion relates to the current printers that are installed on your computer. Ensure this box has an appropriate printer. If not, refer to your operating system literature and install a printer on your computer. The lower portion of this dialogue box relates to the final location of the generated report of which there are three choices:

Preview

This will give you and on-screen shot of how the print would look on paper (colour dependent) – see preview below. This will give you further available options on screen such as direct print or saving to a file.



Printer

This will send the selected pages directly to the printer without any option to preview. Select the **‘Setup’** button which will open a further dialogue box allowing you to change the available printers on your computer prior to direct printing. Select the preferred printer from the drop-down menu, click on the button marked **‘OK’** and return to the previous dialogue box. Click on **‘OK’** to send the print to the selected printer.

File

This option allows you to download the selected pages directly to a known file format (such as Native Printer, Adobe PDF, etc). Add a filename in the **'File'** box, click on the **'format'** drop-down menu box and select the required output format. Click on the button marked **'save'** to send the required pages to the location in the format selected.

There is also a further option relating to the type of print required and the number of copies. Choose **'Collate'** to have the printed range printed in the currently selected order or choose **'Duplex'** to have the pages printed back-to-back (i.e. front and reverse). Select the appropriate number of copies of the selected pages and click on the print button to send the selected pages to the requested area of output.

Last Logged and Last Planned Dive Messages

Once dives have been verified, edited and sent to the log or when dives have been previously planned and subsequent planning taken place, the system logs the two types of entry to calculate surface interval credits and the alike. Two boxes highlight this information just below the dive profile on the right-hand side of the dive plan screen. **'Last Logged Dive**' refers to the last dive that has been verified as correct and sent to the system log. '**Last Planned Dive**' refers to the last dive planned on the system. These will only be populated with the last dive data once a further date and time for a dive is selected during dive planning (i.e. starting a new plan).

Difference between a "Logged" and "Planned" dive

For all intents and purposes, the system handles a logged dive and planned dive in the same manner. The main difference is that, within dive logging you are able to add further more detailed information about your dive post-event (such as further comments, photographs, videos and other dive related data).

eDiveSoftware isn't just a tool for planning dives - it is your dive history which holds static, photographic, video and dive computer related data.

Logging of Planned Dives

The logging of dives is one of eDiveSoftware's main functions for backing up historical data. This simple practice will give divers and dive centres or resorts a full complement of reports and data regarding previous divers, qualifications and more. Once a dive has been planned, the plan printed and the dive completed, the original plan can then be logged in a number of different ways.

1. Submit current plan to log
2. Edit plan to dive parameters and submit to log
3. Reject plan and submit new parameters to log

Once a dive has been completed, the dive plan needs to be logged into the system. Usually, a dive rarely goes exactly according to plan, and thus the current planned dives can still be edited prior to logging. Should your dive had changed either by depth, bottom time or a mixture of the two, make the necessary changes (note : you cannot create or log an ILLEGAL dive - i.e. one based outside current diving practices and recommendations, but this is entirely dependent on the data you put into the application).

Once you are happy with the changes made, ensure these changes are saved. The system generally saves all dive information but we always recommend that you manually save whenever you can. If in doubt, save.

These changes will affect all currently planned and/or logged dives and thus each subsequent dive should be checked. Prudent divers plan, recheck and re-plan ensuring that any dives are logged exactly as they happened.

To move a dive (or set of dives) to the dive log, merely go to the dive you wish to log and click on the 'Add to Log' button in the upper left of the screen. Note : ALL previous dives within a repetitive plan are logged. In other words, if you are on dive three out of three planned dives within the dive planning screen, clicking on 'Add to Log' button whilst looking at dive three will log ALL THREE dives. If you merely wish to log a single dive, you may ONLY log the first dive in the plan, then log the second and so forth. You should not and cannot within eDiveSoftware log part of a sequence of dives due to theoretical nitrogen loading and oxygen exposure. This would be extremely dangerous.

Once a dive is logged, a dive can still be edited should the information you entered be incorrect (see the 'Dive Log' section)

Submit Current Plan to Log

To send a current dive that has been planned to the system, ensure there is a tick in the box marked **'Logged Dive'.** Once confirmed and if you are entirely happy that the planned dive is to be logged, click on the **'save now'** icon in the bottom right-hand side of the screen.

Edit plan to dive parameters and submit to log

If the plan originally created didn't truly reflect the actual dive (which will be the case for most dives), the dive data needs to be logged correctly. In this case, the dive plan for the diver needs to be edited. To edit a previous dive plan, open the **'Dive Plan'** screen and select the divers from the drop-down menu whose dive plan needs to be edited. Manually change the data as per the actual dive profile and save any changes once complete. Once the whole plan has been verified as correct, the plan can then be sent to the '**Dive Log**' as above.

Reject plan and submit new parameters to log

If the plan originally created didn't reflect in any way the actual dive (which will be the case for a change in dive site or change of back gas due to leakage), the dive data needs to be re-entered and logged correctly. Open the **'Dive Plan'** screen and select the divers from the drop-down menu whose dive plan needs to be edited. Ensure the record being shown is for the dive which needs to be radically changed. Once confirmed, click on the **'Delete Record'** button below the **'Hints and Warnings'** box to remove the record. A dialogue box will open asking for confirmation of deleting this record. Click on **'Okay'** to confirm deletion or click on **'Cancel'** to cancel the delete process. Once an item has been deleted from the system it cannot be recovered. Once deleted, start a new dive plan according to the actual dive, verify all data before confirmation and send the planned dive to the log.

Boat Roster

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Boat Plan

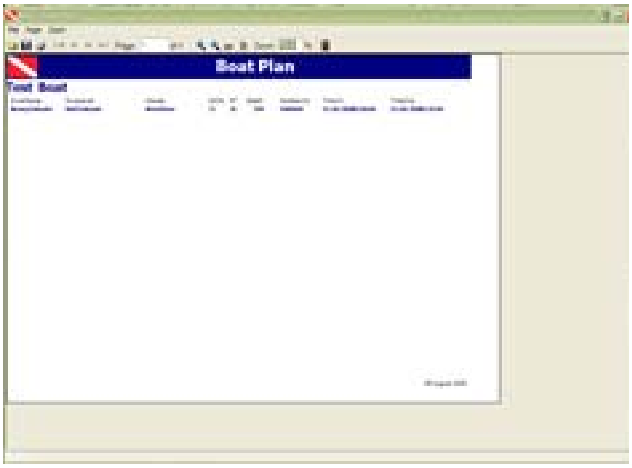
Boat Plans and Rosters

The boat plan screen details which boats are currently engaged in which activities and provides printable boat rosters. On pressing the ‘Boat Plan’ button in the left hand pane, a calendar appears relating to the current month and a list of all boats currently available. Select the date and the boat you wish to print the roster for and click on the printer icon on the bottom right of the dialogue box. This will open the dialogue box named ‘**Output Options**’.

The top portion relates to the current printers that are installed on your computer. Ensure this box has an appropriate printer. If not, refer to your operating system literature and install a printer on your computer. The lower portion of this dialogue box relates to the final location of the generated report of which there are three choices:

Preview

This will give you and on-screen shot of how the print would look on paper (colour dependent) – see preview below. This will give you further available options on screen such as direct print or saving to a file.



Printer

This will send the selected pages directly to the printer without any option to preview. Select the **‘Setup’** button which will open a further dialogue box allowing you to change the available printers on your computer prior to direct printing. Select the preferred printer from the drop-down menu, click on the button marked **‘OK’** and return to the previous dialogue box. Click on **‘OK’** to send the print to the selected printer.

File

This option allows you to download the selected pages directly to a known file formats (such as Native Printer, Adobe PDF, etc). Add a filename in the **‘File’** box, click on the **‘format’** drop-down menu box and select the required output format. Click on the button marked **‘save’** to send the required pages to the location in the format selected.

There is also a further option relating to the type of print required and the number of copies. Choose **‘Collate’** to have the printed range printed in the currently selected order or choose **‘Duplex’** to have the pages printed back-to-back (i.e. front and reverse). Select the appropriate number of copies of the selected pages and click on the print button to send the selected pages to the requested area of output.

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Dive Log

9

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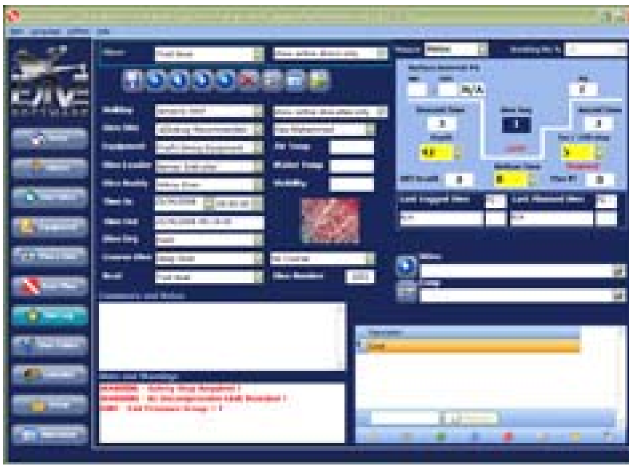
Dive Log Screen

Setting up Dive Logs

The ‘Dive Logs’ screen is an electronic version of a standard logbook with the functionality of being able to print records for your paper logbook. It should be used in conjunction with a paper logbook so that in the event of loss of your paper version, the whole of your diving history can be reprinted. Dependent on your version, eDiveSoftware backs-up your data whenever you run updates, thus we can provide free-of-charge replacement of your lost data from your computer if required (data available will only be as current as your last back-up).

The dive log screen is very similar to the ‘**dive plan**’ screen where it is based on past dive information from a number of leading dive authorities and organisations. This screen allows users to look up historical dives that they have logged including the information supplied by the person during dive planning such as the date and time of last dive, dive site information, who they last dived with, what mixes they used, what depth and bottom time they dived for and the usual hints and warnings that were created during the planning process. Below shows the blank dive log screen on opening for the first time.



The following information can be adjusted or added:

1. Holiday
2. Dive Site
3. Equipment Used
4. Dive Leader
5. Dive Buddy
6. Time In
7. Dive Organisation
8. Course Dive (two of)
9. Boat Used
10. Air Temperature
11. Water Temperature
12. Visibility
13. Dive Number
14. Comment and Notes
15. Measurement
16. Descent Rate
17. Depth
18. Bottom Time
19. Safety Stop Time
20. Ascent Rate
21. Dive Video
22. Dive Computer Data
23. Dive Photograph Slide Show

Editing a logged dive is a relatively simple process based around selecting the diver, dive sites and other information already set-up in previous screens such as **'Plan a Dive'**. Below the screen headed of **'Dive Log'** is a drop-down menu containing divers' names. Click on the small arrow to the right of this and select an appropriate diver. If none are found, check to ensure the check box marked **'show active divers only'** has a tick in it. If there are still no divers' names found, it is probable that no diver information has yet been added to the system or that the original plan has not been submitted to the log. If this appears to be the situation go back to the **'Plan a Dive**' screen and submit the information (see chapter on **'Plan a Dive'**).

In brief, check the following areas of the screen and ensure that they reflect the dive profile for the dive you had edited. Note that you must have submitted the planned dive from the **'Plan a Dive'** screen for it to be shown under **'Dive Log'**. If you dive is not under **'Dive Log'**, check the **'Plan a Dive'** screen and check that the box for **'Logged Dive'** contains a tick. Ensure the following areas are correct:

Check dive leader name is correct
Check dive buddy name is correct
Check Time In and the Date of the dive is correct
Check Time Out and the Date of the dive is correct
Check for an entry under the **'Course'** heading reflecting the type of dive completed
Check that there is an entry for the boat that was used. If none, ensure 'No Boat Required' is selected
Check to ensure all the notes within the comments area are correct
Check the Hints and Warnings box are correct and use the **'Dive Tables'** screen to verify
Check that the Dive Number is correct
Add the dive Air Temperature to the **'Air Temp'** box
Add the dive Water Temperature to the **'Water Temp'** box
Add an approximate visibility in metres (or feet) in the **'Visibility'** Box
Check the Metric or Imperial drop down menu is correctly set to reflect that of the dive plan
Check to ensure the '**EANx'** box for the enriched air percentage is correct
Check to ensure the system has correctly entered the surface interval between dives. Note that this is dependent on the correct dive dates and times entered for each dive.
Check the system has correctly identified the starting and ending pressure group based on the information you had supplied in the plan. Check via the **'Dive Tables**' screen to verify
Check that the maximum depth attained during the dive is reflected in the **'Depth'** box
Check that the maximum dive time attained during the dive is reflected in the **'Bottom Time'** box
Check that the number entered in the **'safety stop'** box is correct
Check to see if the 'Ignore Dive Tables' and 'Logged Dive' flags have been correctly ticked. Note that the **'Logged Dive'** should be ticked when in the **'Dive Log'** screen as this is required to send the data to the log in the first instance.

Check the **‘Last Logged Dive’** box has a date and time in it unless this was the first dive logged. Check that the **‘Last Planned Dive’** box is empty as this box only reflects dates and times of the last planned dive.

Once you have ensured that the correct diver has been selected for the dive you wish to edit, check the details have been entered for both the dive site, dive equipment, dive leader and dive buddy are correct. If not this may suggest that the dive you are looking for has not been submitted to the log or that it has been submitted incorrectly.

Dive entry time and exit time should then be edited under the drop down boxes for ‘Time In’ and ‘Time Out’. Simply click on the hours and once confirmed minutes (plus seconds if required) and edit the number by either typing the number in or using the up/down arrows to the right of the box. Once dive times have been entered you may need to manually updated areas such as the surface interval. Select the course name (such as ‘Confined Water Dive 1’or ‘Escorted Dive’) from the drop-down menu and then select the boat that was used for the dive being edited if applicable. If no boat was used, select ‘No Boat Required’ from the drop-down menu. Update the dive number for this dive in the box provided.

Select **‘Metric’** or ‘**Imperial’** in the drop-down boxes at the top of the screen depending on which system you used and select the type of back gas that you used for the dive. Depending on your version, this may include mixes from 21% through to 40%. When using ‘normal’ air, select 21%, otherwise select the appropriate mix for the dive completed. Note that the mix allowed will not allow you to plan below the maximum operating depth or time for that mix.

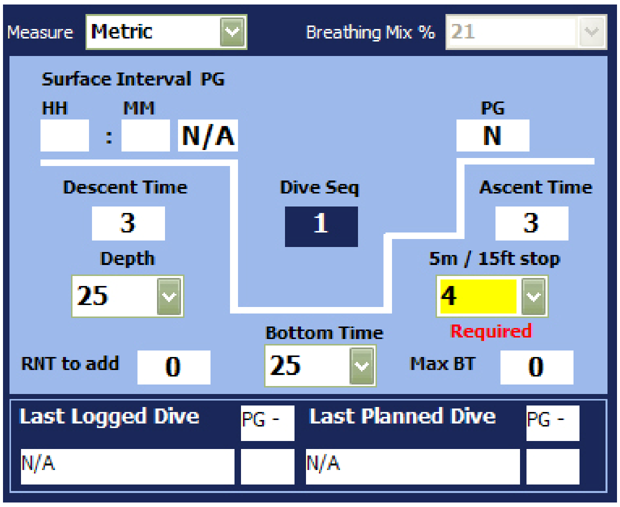
Once selected, select the actual maximum depth for the dive and the corresponding actual bottom time (see **‘Terminologies Used’** chapter). Times are based on the type of decompression algorithm selected in the initial set-up of the application. If a previous dive has been completed and logged, surface interval and starting pressure group areas of the screen should have been already populated. If correct, this will effect the dive depth and times of subsequent dives, again dependent on the type of decompression algorithm initially set-up. You may then edit a depth and bottom time manually by selecting the appropriate box and manually typing in the required numbers. Parameters such as the ending pressure group will be affected accordingly.

NOTE:

1. You can ONLY edit a logged dive on a diver who is currently 'active' AND who has been set-up within the system under the diver screen.
2. Areas highlighted in yellow are necessary for safe dive planning and correct diving procedures.

Dive Profile Screen

The dive profile screen is made up of a number of different areas relating to your currently planned dive. All information within this area is in conjunction with any previously logged or planned dive as well as current dive dates and times. The system will automatically calculate surface intervals between the last logged/planned dives.



Surface intervals are used by the system to generate dive letters/pressure groups for the start of all dives. Current dive depths and associated bottom times then allow the system to generate further dive letter/pressure groups based on recommended dive practices.

These end letters/pressure groups are then used in conjunction with subsequent dive planning surface interval, depths and bottom times.

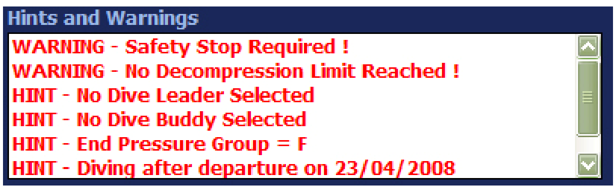
The system automates ALL areas wherever possible in order to provide suitable dive planning based on the dive table data you imported.

Adding/Uploading Dive Computer Data

The current version of eDiveSoftware allows the attaching of dive computer data only.

Comments and Hints/Warnings Boxes

There are two areas of the screen on the bottom left hand side relating to comments and hints or warnings. The comments area allows the user to input relevant details regarding the dive such as whether the dive has been completed before and a general outline of what is expected of the dive. You should include relevant details in this area such as what you actually did, how your plan was affected and what you actually saw during the dive. These logs can then be printed in one of the many formats for inclusion in your log book or to be handed out to members of the group in order that the data can be included in their log books. The hints and warnings area suggests possible ending pressure groups during dive editing and applicable hints such as recommended safety stops and possible areas of concern (especially when using the limits of dive tables).



Save the edited logged dive by clicking on the '**save now**' icon in the bottom right hand corner of the screen.

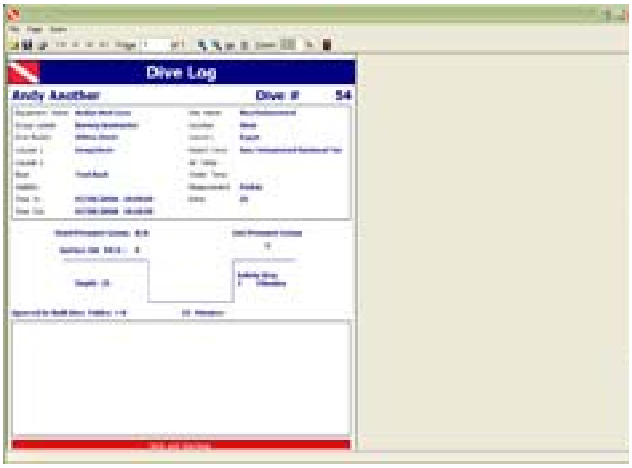
Dive Log Printing

Another useful feature is the print preview and printing functions of logged dives which can be taken en-route to de-briefings and/or given to other members of the dive group for future reference. Further upgrades will include the functionality of being able to amalgamate a series of plans for large groups and custom dive log pages for your log books. Once all information relating to your dive has been edited correctly, click on the icon printer icon on the lower right-hand of the screen. This will open the dialogue box named **‘Output Options’**.

The top portion relates to the current printers that are installed on your computer. Ensure this box has an appropriate printer. If not, refer to your operating system literature and install a printer on your computer. The lower portion of this dialogue box relates to the final location of the generated report of which there are three choices:

Preview

This will give you an on-screen shot of how the print would look on paper (colour dependent) – see preview below. This will give you further available options on screen such as direct print or saving to a file.



Printer

This will send the selected pages directly to the printer without any option to preview. Select the **‘Setup’** button which will open a further dialogue box allowing you to change the available printers on your computer prior to direct printing. Select the preferred printer from the drop-down menu, click on the button marked **‘OK’** and return to the previous dialogue box. Click on **‘OK’** to send the print to the selected printer.

File

This option allows you to download the selected pages directly to a known file formats (such as, Native Printer, Adobe PDF, etc). Add a filename in the **‘File’** box, click on the **‘format’** drop-down menu box and select the required output format. Click on the button marked **‘save’** to send the required pages to the location in the format selected.

There is also a further option relating to the type of print required and the number of copies. Choose **‘Collate’** to have the printed range printed in the currently selected order or choose **‘Duplex’** to have the pages printed back-to-back (i.e. front and reverse). Select the appropriate number of copies of the selected pages and click on the print button to send the selected pages to the requested area of output.

Last Logged and Last Planned Dive Messages

Once dives have been verified, edited and sent to the log or when dives have been previously planned and subsequent planning taken place, the system logs the two types of entry to calculate surface interval credits and the alike. Two boxes highlight this information just below the dive profile on the right-hand side of the dive plan screen. **‘Last Logged Dive’** refers to the last dive that has been verified as correct and sent to the system log. **‘Last Planned Dive’** refers to the last dive planned on the system. These will only be populated with the last dive data once a further date and time for a dive is selected during dive planning (i.e. starting a new plan).

Adding Photos to the Dive Log

Click on the **‘add photos to album’** button in the upper left-hand side of the screen. This will open the dialogue box (as below) asking for the name and location of the photo you wish to add to the album. Note that this is specific to the actual dive that you have done. Input a description of the photo (such as ‘Cuttlefish’) and then click on the ‘open folder’ icon at the lower right of the dialogue box. Locate the photograph that you wish to submit and click on the ‘open’ button. Click on the ‘save now’ icon to close the dialogue box and the photo is submitted to the log. Remember to save the log using the ‘save diver info’ icon in the icon tray at the right hand side of the screen. Failing to do this will omit any changes that you have made. You may add more than one photograph to the log.

The Steps Used For Dive Photos

eDiveSoftware allows you to add any number of dive photos to your dive log for retrieval at any stage. These can be used for photo slideshows, added to the 'Home Screen'...whatever you like.

1. Click on the 'Add Photo' icon in the upper left-hand side of the screen
2. A new dialogue box will open
3. Add a suitable description
4. Click on the small folder icon to the right of the JPEG file box and locate the photo within your system
5. SAVE!!! by clicking on the save icon

Running a Slideshow for the Current Dive

1. Click on the 'Run Slideshow' icon in the upper left of the screen
2. A new dialogue box will open
3. Select 'Current Dive'. Selecting this option will run through in sequence all the photos currently associated with the dive.
4. The screen will now blank and all photographs will be shown in order.
5. Click anywhere on the screen to cancel and return back to the eDiveSoftware software.
6. SAVE!!! by clicking on the save icon in the upper left of the screen.

Running a Slideshow for All Dives

To start a slide show of all the photographs for the current logged dive, click on the **‘dive slideshow’** icon in the icon tray. All photographs currently saved for this dive in the dive log, as per the ‘description’ box listing all photographs imported, will be played. To close the slideshow, click anywhere on any of the photographs being played. The photograph ‘description’ box has a number of buttons at the bottom allowing for easy searching, editing and deleting of records.

1. Click on the 'Run Slideshow' icon in the upper left of the screen
2. A new dialogue box will open
3. Select 'Current Dive'. Selecting this option will run through in sequence EVERY dive photo that you have logged within the system.
4. The screen will now blank and all photographs will be shown in order.
5. Click anywhere on the screen to cancel and return back to the eDiveSoftware software.
6. SAVE!!! by clicking on the save icon in the upper left of the screen.

Adding Video Content to your Dive

1. Click on the 'Open Folder' icon next to the 'Video' text box below the dive profile screen.
2. A new dialogue box will open asking for the location of the video file.
3. Confirm the location of the file and click on the 'open' button
4. The screen will return to the eDiveSoftware application

6. SAVE!!! by clicking on the save icon in the upper left of the screen.

Playing Video Content

1. Click on the 'Play Video' icon below the dive profile screen.
2. A new screen will open allowing you to view your video of the dive
3. Click on the red 'x' in the upper right corner of this newly opened video screen to close.

Save Function

Remember to save your work, especially if you have made a number of alterations due to a change in dive profile. Click on the ‘**save diver info**’ icon in the icon tray and confirm by clicking the ‘OK’ button in the subsequent dialogue box.

Dive Tables

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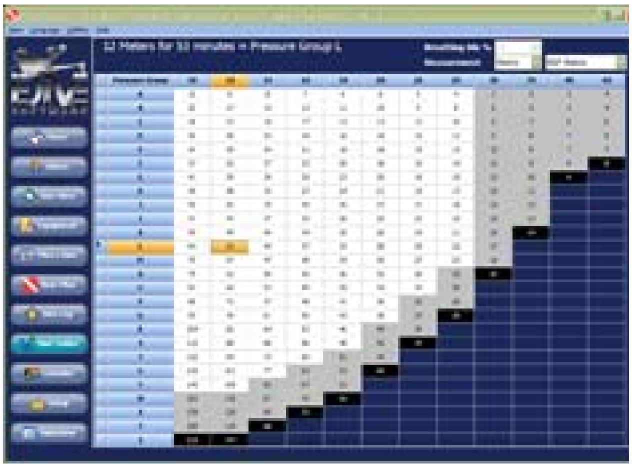
Dive Tables Screen

Dive Table Data

The dive table screen includes a number of different table's dependent on the data you imported. This information should be used as a reference to either aid actual dive planning or to help teach individuals how various tables work. The application will build a representation of your data into these tables.

To open the tables screen click on the **'Tables'** button in the left-hand window pane. Click on the **'EANx %'** drop-down menu and select the appropriate mix for the dive you wish to plan (depending on the application version). The corresponding table will then open in a default view. Click on the **'Measurement'** drop-down menu and select either metric (metres) of imperial (feet) depending on your locality. The table will switch between the selected enriched air percentages and imperial or metric.



Changing Tables

To change tables from one one type to another, choose the dive table from the combo box. The grid will be re-built to suit the data you imported. You may then need to change the **'Breathing Mix %'** and the **'Measurement'** drop-down boxes according to your preferences and the version of eDiveSoftware. There is a further option to change the type of table.

Checking Pressure Groups

Prudent divers always plan their dives and dive their plans. Part of the dive plan process includes checking the maximum allowable bottom time and depth relating to the back gas you are using and any previous dives you may have completed. This then allows you to check related pressure groups and whether you are potentially at risk by diving close to, on or beyond accepted limits. To check pressure groups with the tables screen, find in the top column the maximum desired **'depth'** that you feel you will accomplish during the dive in question. Then, look down that **'depth'** column and find the proposed **'actual bottom time'** that you intend to dive. Clicking on the **'time'** below the **'depth'** will return the final pressure group for that specific dive. Note that this assumes that no previous dive has been made.

Single Dives and Repetitive Diving

eDiveSoftware helps to account for repetitive diving, not only in automated planning, but also in easy to read and navigate dive tables. With repetitive diving there is a need to account for the previous dives' nitrogen (and oxygen where appropriate) loading and any subsequent dive would generally involved a period of time out of the water (known as a 'Surface Interval') and further planning to new depths and bottom times.

Due to previous dive nitrogen loading, subsequent dives would generally be limited to shallower depths and thus short bottom times. In order to calculate this information manually, rather than in dive planning mode, these are split into three tables:

1. Dive Matrix
2. Surface Interval
3. Residual Nitrogen and Maximum Bottom Time (RNT & Max Bottom Time)

Each of these tables is used in sequence from 1 through 3 and continually repeating the sequence for all dives.

		
RDP Matrix	Surface Interval	RNT & Max Bottom Time

First Dive

The first dive in a sequence is generally a dive whereby there have been no previous dives (excluding recommended practices such as the six hour pre dive rules).

Open the dive table's screen and select the required measurement from the **'Measurement'** drop down menu (such as **'Metric'** or **'Imperial'**). Next, ensure that the 'RDP Matrix' is shown in the next drop-down box. If not, select this.

To work out your ending dive letter or pressure group pre/post a dive, firstly look along the top row and locate the depth of the dive (always round up to the nearest number). Next, look down the column and find the nearest dive time for the selected depth (again, always round up to the nearest depth).

Your ending dive letter/pressure group can be found by looking to the left of the screen.

For example, assuming that you do a dive to 19m (metric) for 27 minutes:

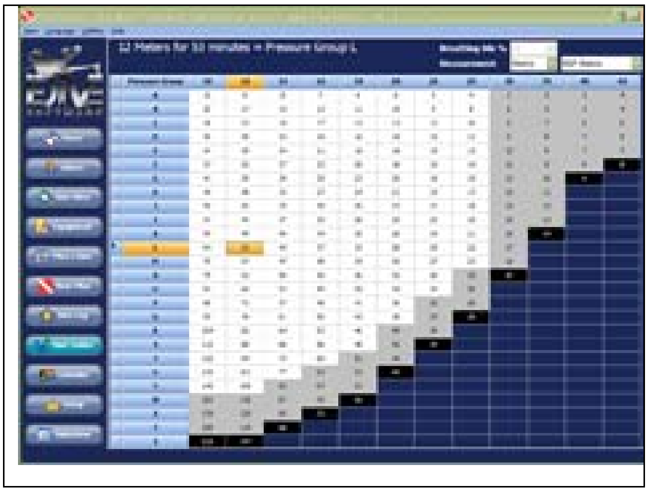
1. Round 19m up to 20m and locate this on the top row
2. Look down this row for 27 minutes which is rounded up to 28
3. Looking to the far left of this we find the letter 'L'

Note that, by clicking on 28 minutes under the 20m column highlights the column furthest left. The top left of the screen displays your selection for easy reference, showing Starting, Interval and ending groups and times.

Surface interval Credit

If you have already completed a dive or dives and wish to check subsequent pressure groups after an interval ‘out of water’, the eDiveSoftware Dive Tables screen can help identify theoretical groups.

Within the Dive Tables screen, select the ‘Measurement’ from the drop down menu at the top right of the screen. The next drop-down menu allows you to select different tables – select **‘Surface Interval’.**



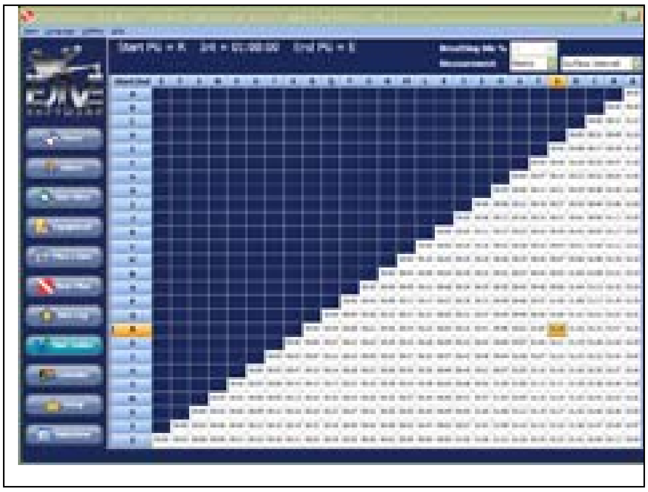
The grid displayed, shows surface intervals. Take the final pressure group from your previous dive on exiting the water. Locate this from the list in the left-hand column. Looking to the right of this letter within the white grid, locate a time band that is within your surface interval.

For example, if you exited the water as an ‘L’ diver and were out of the water for 33mins, the selected value would be 00:35. ALWAYS ROUND UP.

Once you have selected the time, look directly up to the top of this column to find your next dives diving letter/group.

Continuing our example above, this would result in a final pressure group/dive letter of ‘F’.

The top left of the screen displays your selection for easy reference, showing Starting, Interval and ending groups and times.



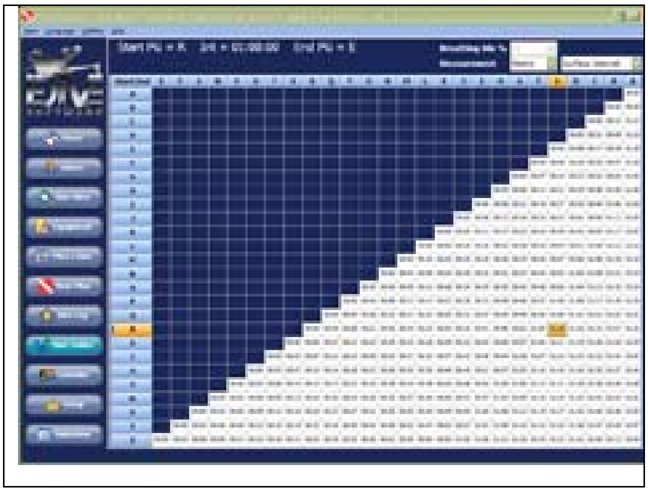
Residual Nitrogen Loading and Maximum Bottom Time Tables

ANY dive within a recommended time interval (depending on the value you set when you import your dive table data) is regarded as a repetitive dive. A repetitive dive plan MUST include residual nitrogen and oxygen loading (where appropriate) and these values affect the second (and subsequent) dives planned.

The Dive Planning screen automatically calculates this dependent on depth and time values selected. The application uses the data you provided, so is only as accurate as the information given to it.

The tables are split based on whether you wish to do a dive to a given depth and thus need to locate the maximum bottom dive time available or you wish to dive for a given time and thus need to locate the best depth.

Your previous dive (and any applied surface intervals) will provide a final dive letter/pressure group.



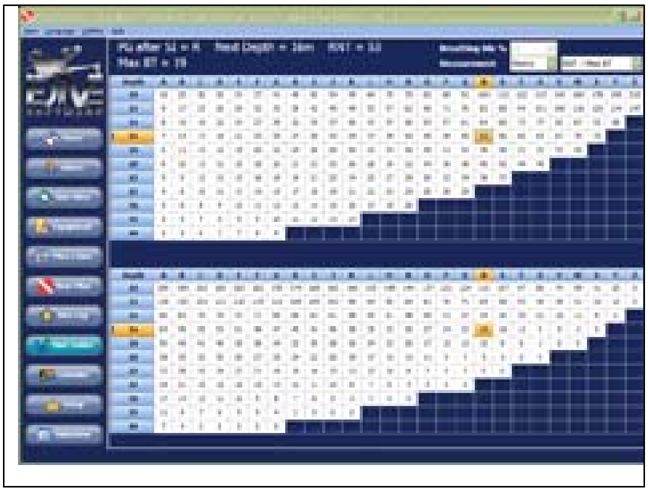
To find Maximum Bottom Time Based on Depth

Within the Dive Tables screen, select the 'Measurement' from the drop down menu at the top right of the screen. The next drop-down menu allows you to select different tables – select 'RNT / Max BT'.

Locate the dive letter/pressure group in the top row of the top dive table. Next, lookup the depth you wish to go to on in the column in the far left (rounding up as necessary). The intersection between the two is the 'Residual Nitrogen Time'.

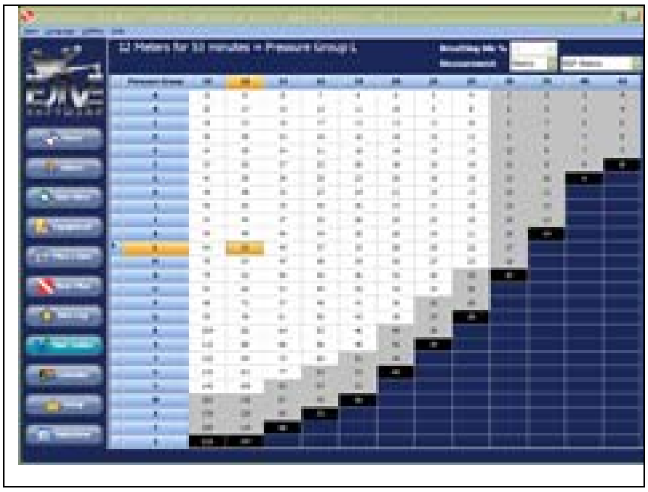
Looking at the table at the bottom, the intersection highlighted shows the 'maximum bottom time'.

Continuing from the example under 'Surface Interval' which resulted in a final pressure group of 'L' and assuming that we wished to go to a depth of 25 metres (metric) we end up with a residual nitrogen time (RNT) of 22 minutes and a maximum bottom time of 7 minutes.



The RNT figure is used and ADDED to the bottom time of your next depth (i.e. in this case 30m).

Return to the first table (RDP Matrix) and assuming you do a dive to 25m for 7 minutes the figures required to look up are now adjusted by the figures calculated above (i.e. 30m for 29 minutes (i.e. 7 minutes + 22 minutes RNT from the previous dive).



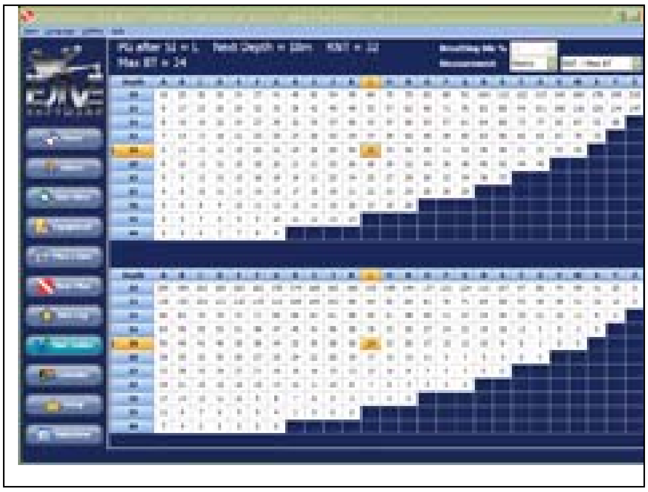
To find Maximum Depth based on Bottom Time

Within the Dive Tables screen, select the ‘Measurement’ from the drop down menu at the top right of the screen. The next drop-down menu allows you to select different tables – select ‘RNT / Max BT’.

Locate the dive letter/pressure group in the top row of the top dive table. Next, look up the dive time that you wish to dive to in the bottom table of the two. Next, look to the left furthermost column – this indicates you final dive letter/pressure group. Next, look at the top table - The intersection between the two, highlighted in yellow, is the ‘Residual Nitrogen Time’.

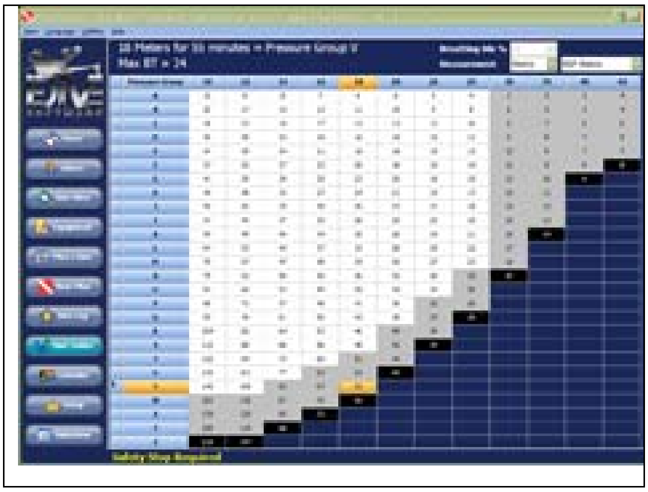
Again, to confirm, look at the table at the bottom, the intersection highlighted shows the ‘maximum bottom time’.

Continuing from the example under ‘Surface Interval’ which resulted in a final pressure group of ‘L’ and assuming that we wished to go to go for a dive with a maximum bottom time of 23 minutes, the nearest time (rounded up) in this column in the bottom table is 24 minutes (you would be unable to do a 23 minute dive in the row below as this is too small (17 minutes). The far left column as highlighted is 18 metres. From both of these tables, we end up with a residual nitrogen time (RNT) of 32 minutes (top table) and a maximum bottom time of 24 minutes. Note that we are actually doing a 23 minute bottom time).



The RNT figure is used and ADDED to the bottom time of your next depth (i.e. in this case 22m).

Return to the first table (RDP Matrix) and assuming you do a dive to 18m for 23 minutes the figures required to look up are now adjusted by the figures calculated above (i.e. 22m for 55 minutes (i.e. 23 minutes actual dive time + 32 minutes RNT from the previous dive).



Dive Table Hints and Warnings Boxes

Dependent on what depth and time you have selected for the back gas you are using, there are a number of hints and warnings that appear both above and below the dive table. Hints relating to pressure groups are given at the top whilst recommended warnings regarding limits, safety stops and contingency planning are given at the bottom. Most of these are recommended practices that have been readily adopted by the recreational diving industry.

The hints are triggered by the data you imported, so it is important to set this correctly in order for the application to reflect your data.

Calendars & Schedules

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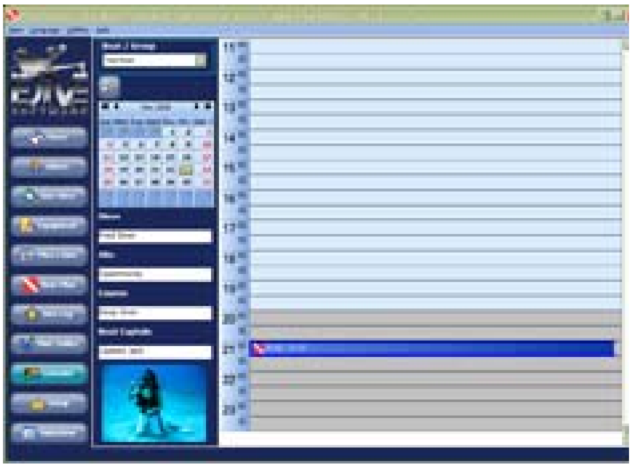
Calendar Screen

Using the Calendar Functions

The calendar screen contains all the information relating to which divers, courses and boats are being used at various times of the working day (or night). The screen includes a number of print functions that allows divers/instructors to print of their schedules for personal use.

To check the current schedule, select the boat that you are using (if applicable) from the drop-down menu at the top, and the schedule for that day will automatically open as per below.



The calendar can also be interrogated for previous and future entries. Select the appropriate date from the calendar (either pre or post the current date) and any planned dives can be viewed. Clicking within each entered item within the calendar will show additional information relating to that dive in the screen below the date selection calendar (i.e. site, course and boat captain). Note that this information is directly related to the information provided within the dive plan screen and thus cannot be edited UNLESS re-visited within the dive planning screen. Use the scroll bar at the right-hand side of the screen to scroll through all entered data within the calendar schedule.

All dives planned that reside within the calendar should have their additional information entered wherever possible. This should include the Boat Captain’s name and any further information as necessary. Note that the Boat Captain’s name DOES NOT have to be as per the ‘set-up’ screen although, for reasons of safety, we advise to limit this list only to those boat captains entered within the ‘set-up’ screen.

The schedule outlines the current working day selected from the calendar and shows those dives being conducted at various portions of the day. Clicking on one of the scheduled items will change the diver information below the calendar. This includes the diver name, dive site name, the course being conducted and a photograph of the diver for easy identification. Clicking on further schedules allows you to view information relating to that schedule selected.

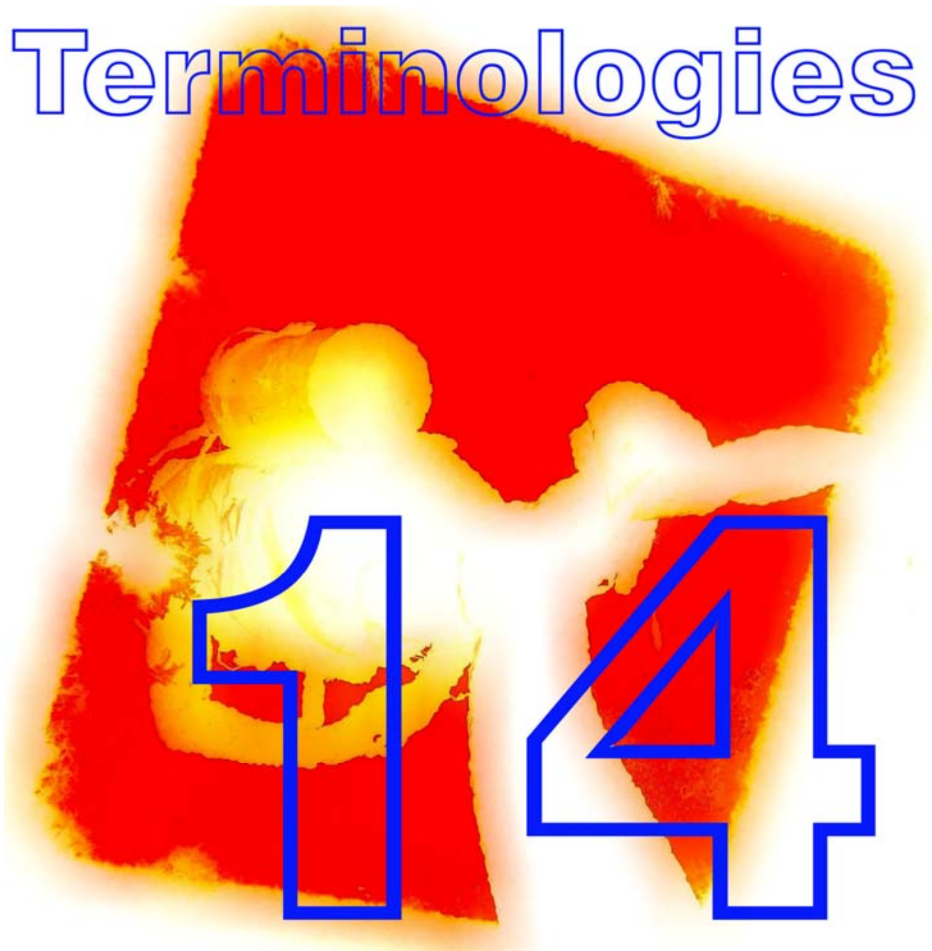
Calendar Printing functions

The Calendar can be printed in a number of formats depending on the applications and hardware installed on your computer.

The print directly to a printer the currently selected calendar, click on the ‘printer’ icon in the upper-left hand of the screen.

To print to Adobe PDF, click on the ‘printer’ icon in the upper-left hand of the screen. You will then be asked to navigate to the location of where this Adobe PDF is to be saved. Click on ‘Save’ and the outputted PDF file will be saved and displayed.

Terminologies



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Terminologies Used

Terminologies Used Within eDiveLog

Such as:

Bottom Time		The time from leaving the surface at the start of your dive to the point where you start your ascent.

Computer Bottom Time		The time from leaving the surface at the start of your dive to the point where you return back to the surface at the end of the dive.

Arrival Time		This refers to the time that the plane landed at your current destination where you would be diving

Departure time		This refers to the time that the plane takes off at your current destination where you would be leaving to return home or to your next destination.

Active		A diver is said to be active is he or she has been diving regularly in the past few months and/or if he/she is currently known to the diving centre or individual running the dives.