



C-Plot™

Chart Plotting Software

Version 8A - AIS



Seafarer Pack Index

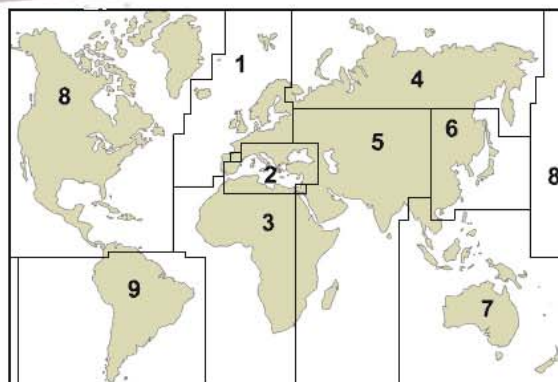
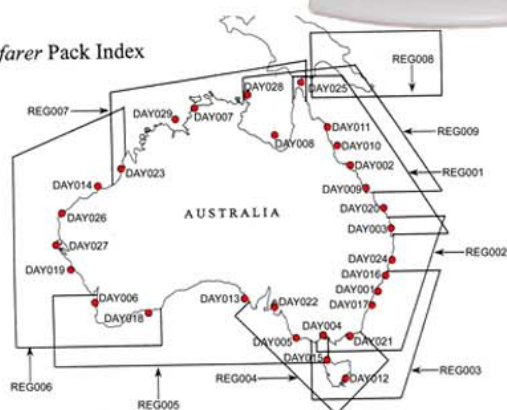


Chart Installation Guide

C-Plot Pro Supports C-Map CM-93/3, ARCS, Seafarer and LINZ Charts
C-Plot SF supports ARCS, Seafarer and LINZ Charts

WARNING

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The Australian Hydrographic Office
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Chart Installation

HCRF Charts

Worldwide coverage is available in HCRF - (Hydrographic Charts Raster Format) C-Plot supports two main suppliers of these charts:

- Seafarer – Australian Hydrographic Office.
- ARCS – United Kingdom Hydrographic Office.

Additionally, the LINZ HCRF Database covers New Zealand.

When charts are purchased for a new installation from either Seafarer or ARCS a pack of discs is supplied. This generally contains:

- Chart Database CD,
- Chart Database Update CD,
- Permit codes supplied on 'Floppy Disc',
- Chart Access Pin Code and
- Information.



Seafarer Chart Database CD
Seafarer Chart Database Update CD
Seafarer Permits Floppy Disc



ARCS Chart Database CD
ARCS Chart Database Update CD
ARCS Permits Floppy Disc

Installation procedures for charts from Seafarer and ARCS are very similar, however the correct one has to be followed for each. This section contains specific procedures for all aspects of installing the charts and it is required to be followed in the correct sequence:

- Step 1. Install Permit codes,
- Step 2. Store chart access Pin Code – for Seafarer,
- Step 3. Load the Chart Database CD,
- Step 4. Load the Update to the Chart Database.

Seafarer ‘Chart Access PIN Code’ identification

TMQ C-PLOT Pro Authorisation Codes

Please store this document in a safe place.
The numbers are essential for the operation of the C-Plot system

TMQ C-Plot Pro v.8.0 Authorisation Key 6F6E11A7

PIN and User Permit for Seafarer or ARCS Charts

Your Seafarer/ARCS PIN and User Permit are:

Dongle ID	2109	TMQ Dongle Number
PIN	0427	‘Chart Access PIN Code’
User Permit	BD02065206BA3049	Chart ‘User Permit’ – This is the same code that is on the Chart Permits ‘Floppy Disc’

Emample Only

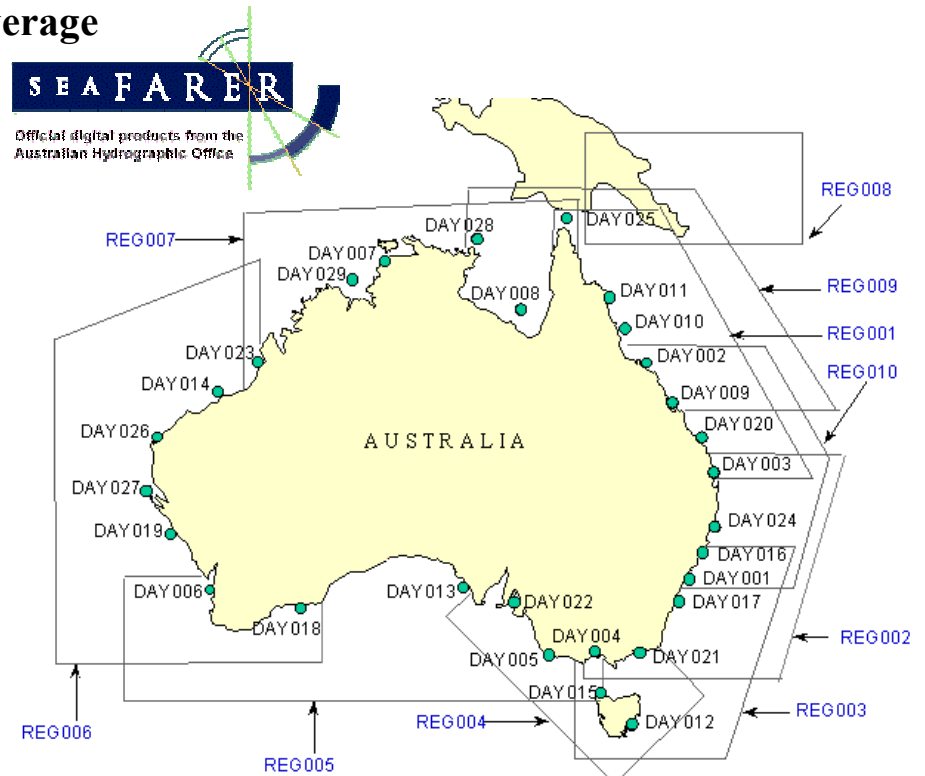
These are not the correct Authorisation Codes for your system

Example of A5 Laminated Authorisation Codes sheet supplied with your system

After completion of the chart installation procedure the Charts and their permits will be stored on the hard drive of the PC, they will then have to be ‘Loaded’ into C-Plot. This is achieved from within C-Plot. Refer to section ‘3.0 Charts’ in the C-Plot Users Guide. (Section 3.2.2 ‘Loading HCRF Charts’)

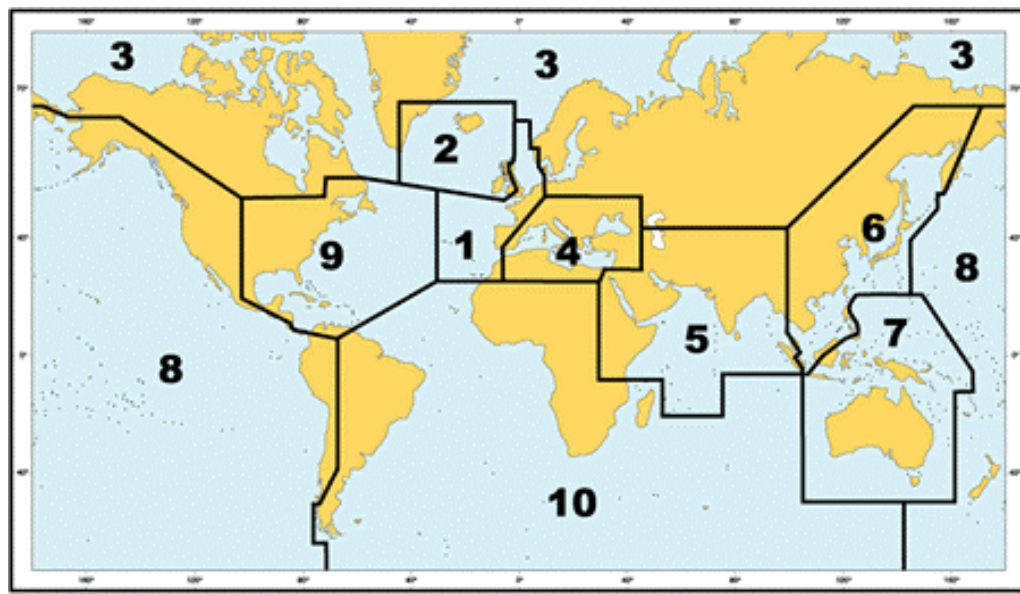
Seafarer Chart Coverage

The Australian Hydrographic Office supplies seafarer charts. These charts only cover Australia.



ARCS Chart Coverage

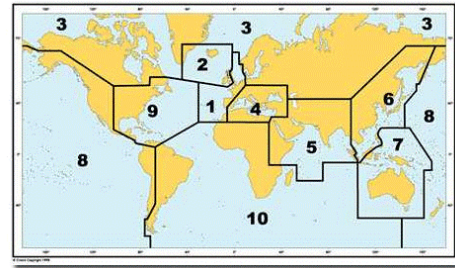
United Kingdom Hydrographic Office distributes ARCS (Admiralty) charts. The coverage for these charts is shown below.



HCRF Chart Installation Information

HCRF are available in three types:- Seafarer, ARCS and LINZ.
The LINZ Chart Database is installed directly from the C-Plot installation CD menu and is covered at the end of this chapter.

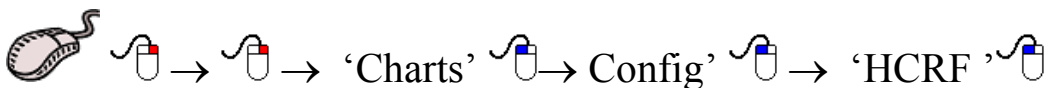
This chapter mainly deals with installing Seafarer and ARCS charts for use by C-Plot. During the installation of the charts from within C-Plot, the 'Data base Configuration' window will be used, there are different sections in the Database configuration window for HCRF charts, these are:



- Charts
- Data Permits
- 'Store Chart Access PIN Code' box

Database Configuration Window - Explained

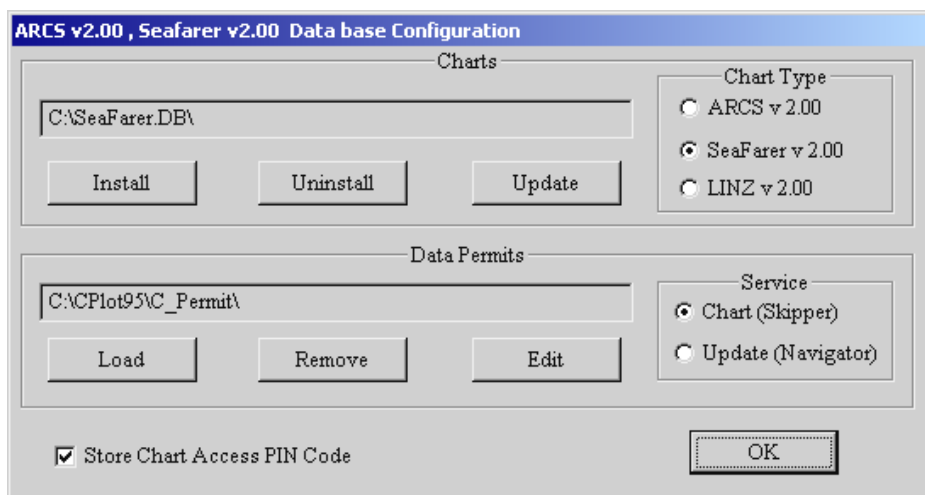
Access Sequences:



Press 'Menu' → 0 → 6 → 1



Press Alt+M → 0 → 6 → 1



The 'Charts' section contains information and functions pertaining to charts. The 'Chart Type' section enables the selection of the type of chart that is being configured. The 'Install', 'Uninstall' and 'Update' buttons represent functions that can be performed on the selected type of chart.

The 'Data Permits' section contains information and functions pertaining to chart permits. For a chart to be viewed in C-Plot both the chart itself and the permit for that chart must be present. The 'Service' section enables the selection of the type of service that is being configured. Seafarer has two types of services 'Chart' and 'Update', while ARCS has 'Skipper' and 'Navigator'. The services offered by each organisation are similar. Seafarer-Chart is comparable to ARCS-Skipper and Seafarer-Update is comparable to ARCS-Navigator.

The 'Store Chart Access PIN Code' box allows this PIN for Seafarer to be saved by C-Plot. This can make using this chart more efficient. If this box is not ticked (☐) each time one of these charts is loaded in C-Plot a dialogue box will appear asking that the Access PIN is entered. In order to avoid this situation, simply tick this box (☒) and enter the Access PIN. Now the Access PIN will automatically be entered each time a chart is loaded.

In order to use these charts effectively there are two security codes that must be known:

1. The permits for all the purchased charts
2. If using Seafarer , the Seafarer Pin number


Note:

Seafarer charts are usually purchased as 'Seafarer RNC Packs', these are installed using the 'Chart' service option from the 'Database Configuration Window'. If the Seafarer charts are updated at a later date using a 'Seafarer RNC Periodical Update Service' the 'Chart' Service option should be selected from the 'Database Configuration Window' NOT the 'Update' option.

The 'Update' option for Seafarer charts relates to the 'Seafarer RNC Monthly Update Service' this is a subscription service for Seafarer Charts where update CD's are received monthly. (Check the service type purchased if in doubt).

Seafarer Charts

Loading Seafarer Permits

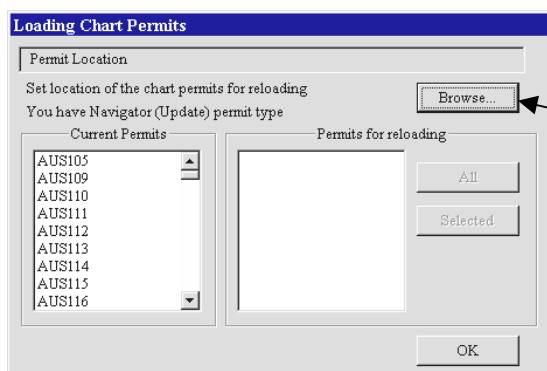
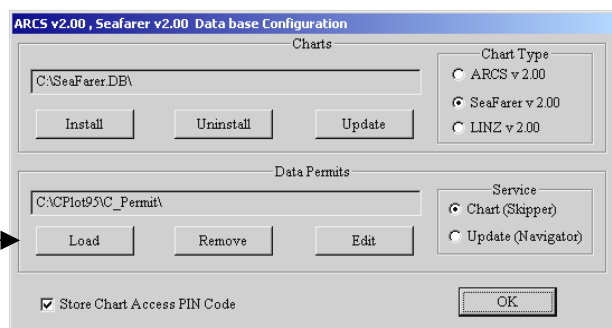
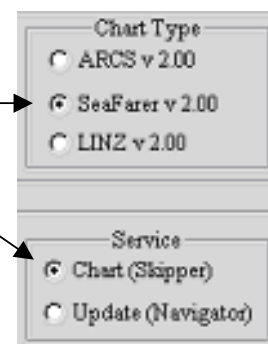
 Read this sequence then the 'Storing the Chart Access Pin Code' section that follows, also refer to the flowchart 'Loading Seafarer User Permits' outlining this entire sequence.

Before installing charts on the computer the appropriate permits should be installed. Permits are issued on a 3.5" floppy disc. To install Seafarer permits use the following sequence:

1. Choose the 'Chart Type' as Seafarer v2.00 and 'Service' as Chart.

2. Insert the 3.5" Seafarer permit disc into the disc drive.

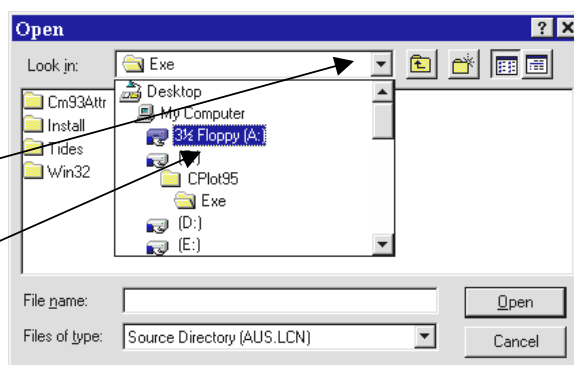
3. On the Database Configuration dialogue box click the 'Load' button in the 'Data Permits' section.



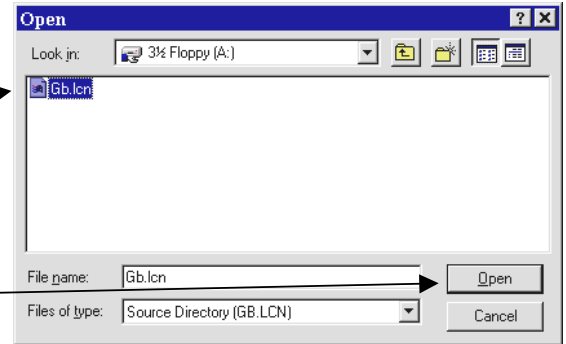
4. Click the 'Browse' button

5. Click down arrow

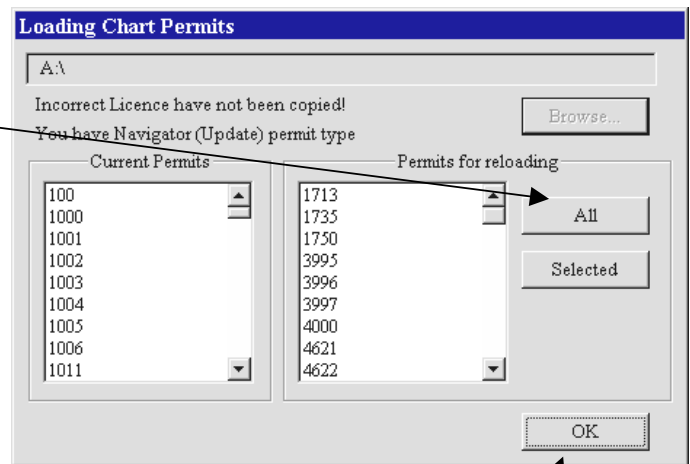
6. Select 3.5" Floppy Drive (A:)



7. Choose the file from the disc with a '.LCN' extension and click 'Open'



8. All permits can be loaded by clicking the 'All' button. Individual permits can be selected by clicking on the desired permits. Clicking the 'Selected' button will only load the highlighted permits.



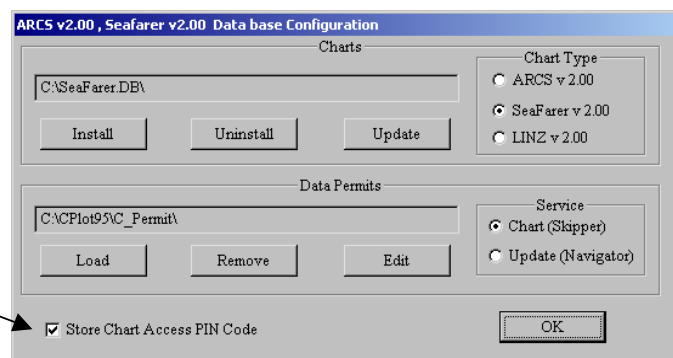
9. After the permits have finished loading click 'OK'

Storing the Chart Access PIN Code


Storing the Access PIN allows C-Plot to automatically load the Seafarer charts without prompting the user for the Seafarer PIN. If the access PIN is stored in C-Plot it can be removed again simply by un-ticking (☐) this box. It is recommended to utilise the 'Store Chart Access PIN Code' feature.

To store the access PIN in C-Plot use the following sequence.

1. Tick the 'Store Chart Access PIN Code' box (☒)

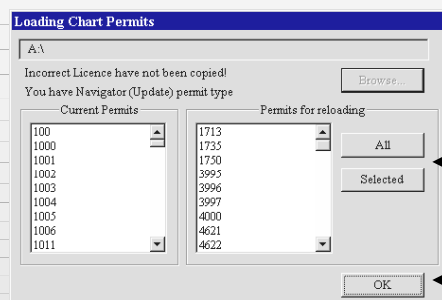
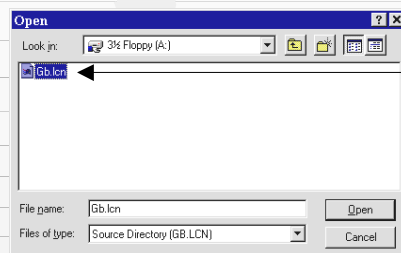
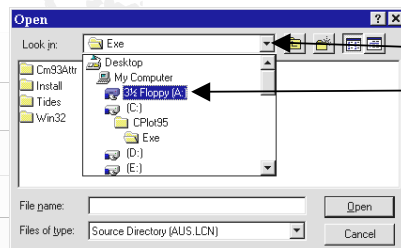
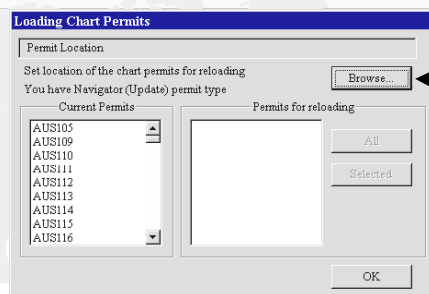
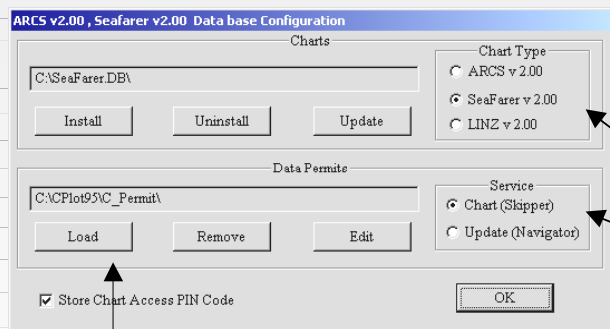


2. Enter the PIN in the data field directly above the 'OK' button
3. Click 'OK'

 *The Chart Access PIN Code allows access to all installed charts with permits*

 *A flowchart 'Loading Seafarer User Permits' outlining this sequence follows*

Loading Seafarer User Permits



Start Loading Seafarer Permits

Choose 'Seafarer v2.00'
Choose 'Chart'

Insert the 3.5" Seafarer Permit disc into the disc drive

On the Database Configuration dialogue box click the 'Load' 'in' the 'Data Permits' section

Click the 'Browse' button then
Click the Down Arrow
Choose the 3.5" floppy drive
(Usually A:)

Choose the file from the disc with
a '.LCN' extension and click
'Open'

All permits can be loaded by
clicking the 'All' button.

Individual permits can be loaded by
clicking on the desired permits.
Clicking the 'Selected' button will
only load the highlighted permits.

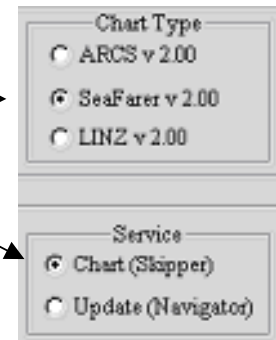
After the permits have finished
loading click 'OK'

Loading Seafarer permits
is complete

Installing Seafarer Charts

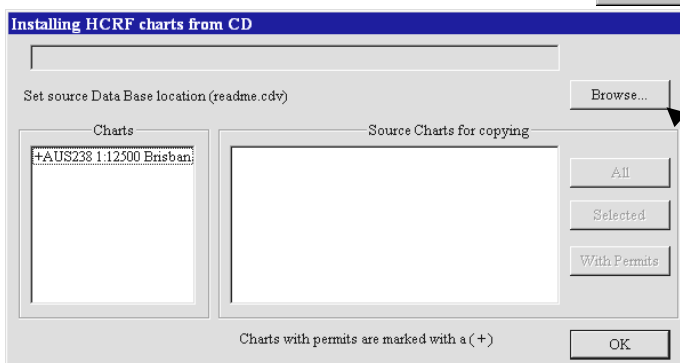
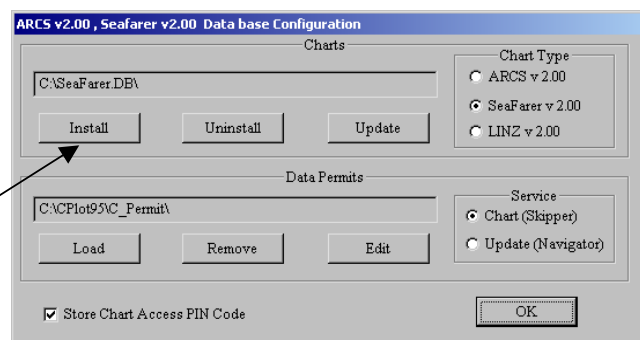
Before attempting to install charts for use with C-Plot, ensure that the permits for these charts have previously been loaded (See 'Loading Seafarer Permits'). Installing charts on the computer requires a sizable amount of disc space. Please ensure that there is enough space on the disc drive where the charts will be installed.

1. Choose the 'Chart Type' as Seafarer v2.00 and 'Service' as 'Chart'.



2. Insert the Seafarer Chart CD-ROM into the CD drive.

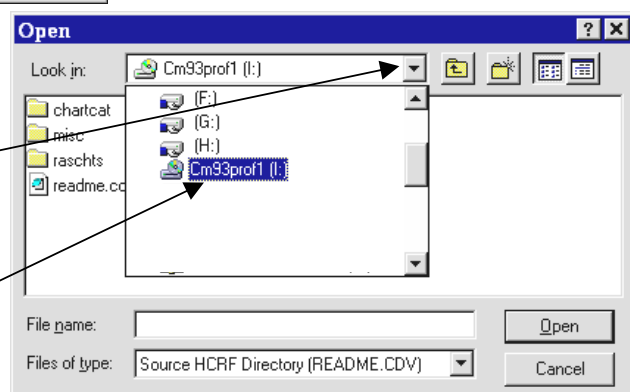
3. On the Database Configuration dialogue box click the 'Install' button in the 'Charts' section



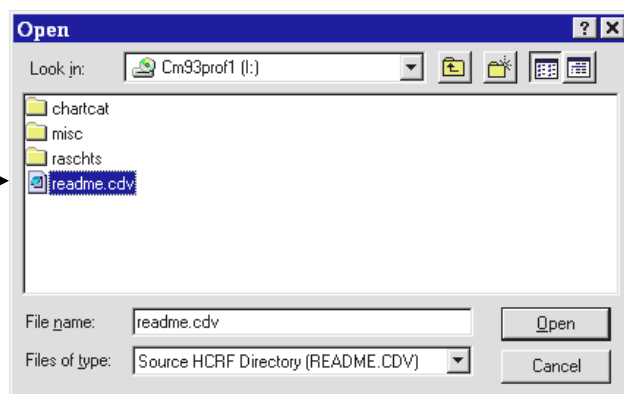
4. Click the 'Browse' button

5. Click the down arrow to open the directory list

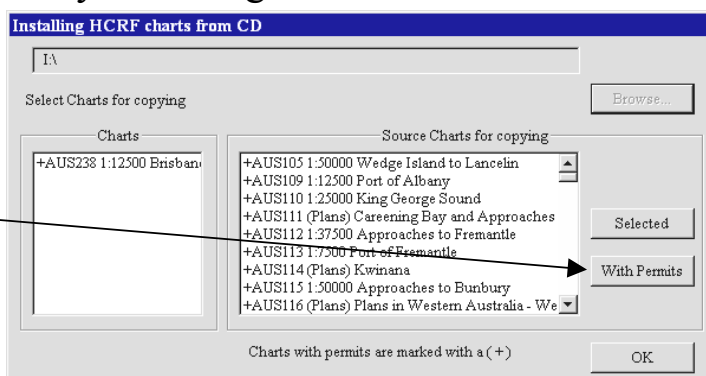
6. Choose the CD-ROM drive (usually D:)



7. Choose the file from the disc named 'README.CDV' and click 'Open' →



8. It is recommended that only the charts for which there is a permit for already loaded on the PC are installed. To achieve this use the 'With Permits' button. By only installing the charts that there are permits for the chart 'Seamless loading' and 'Auto Loading' will function correctly.

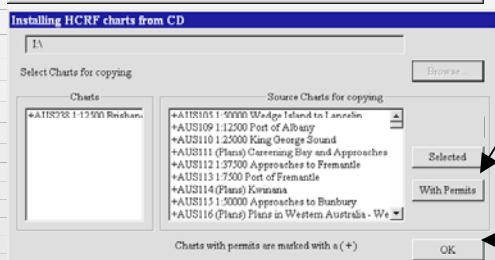
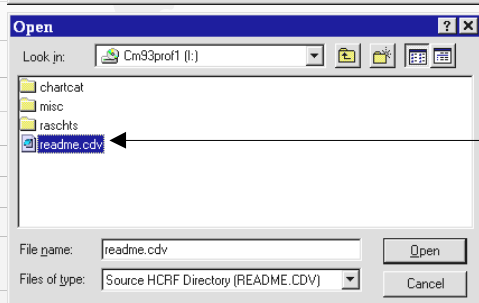
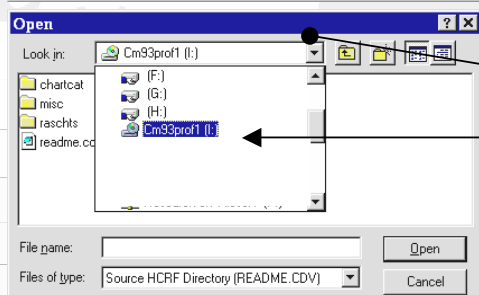
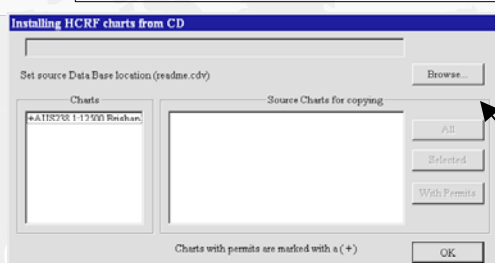
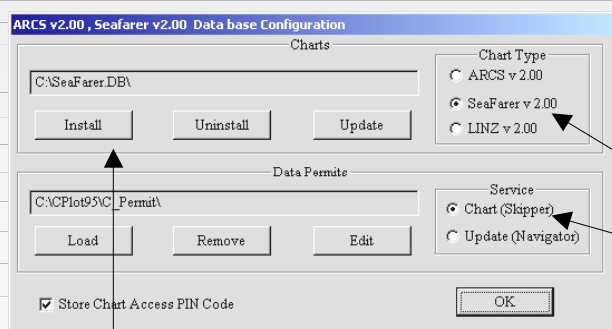


9. After the charts have finished being installed click 'OK'



A flowchart 'Installing Seafarer Charts' outlining this sequence follows.

Installing Seafarer Charts



Start Installing Seafarer Charts

Choose 'Seafarer v2.00'

Choose 'Chart'

Insert the Seafarer chart CD into the CD-ROM drive

On the Database Configuration dialogue box click the 'Install' Button in the 'Charts' section

Click the 'Browse' button then, Click the little down arrow. Choose the CD-ROM drive (usually D:)

Choose the file from the disc named 'README.CDV' and click 'Open'

It is recommended that charts for which a permit is already loaded on the PC are installed. To achieve this use the 'With Permits' button. By only installing the charts that there are permits for the chart 'Seamless loading' and 'Auto Loading' will function correctly.

After the charts have finished installing click 'OK'

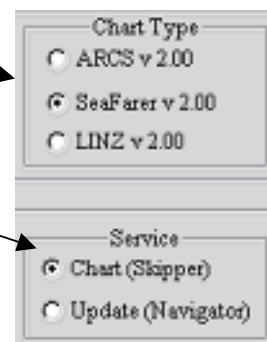
Installing Seafarer charts is complete

Updating Seafarer Charts

After completing the Seafarer chart installation the 'Update' CD must be installed. (It is also possible to update the Seafarer Charts when required by acquiring a 'Seafarer RNC Periodical Update Service' CD.) The following sequence describes how to update Seafarer charts in C-Plot.

If updating the Seafarer charts using a 'Seafarer RNC Periodical Update Service' the 'Chart' Service option must be selected from the 'Database Configuration Window' NOT the 'Update' option.

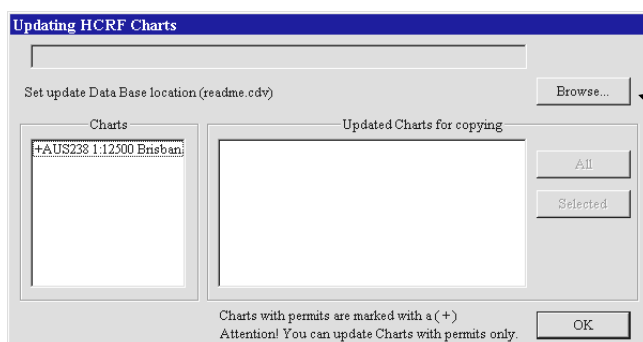
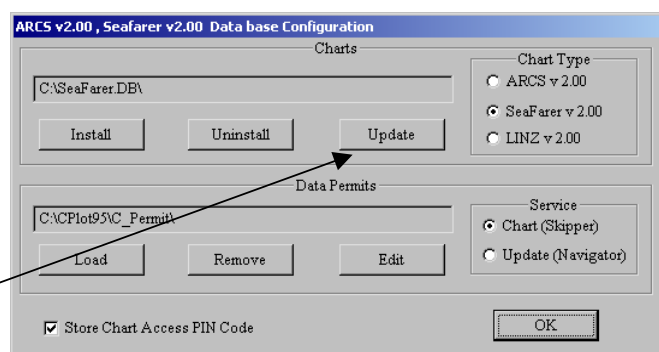
The 'Update' option for Seafarer charts relates to the 'Seafarer RNC Monthly Update Service' this is a subscription service for Seafarer Charts where update CD's are received monthly. (Check the service type purchased if in doubt).



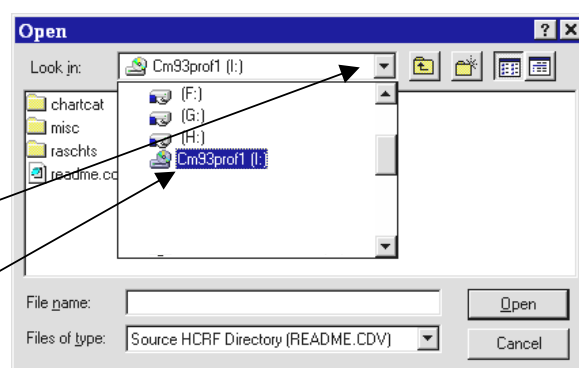
1. Choose 'Chart Type' as Seafarer v2.00 and 'Service' as Chart.

2. Insert the Seafarer Update CD-ROM into the CD drive.

3. On the Database Configuration dialogue box click the 'Update' button in the 'Charts' section.



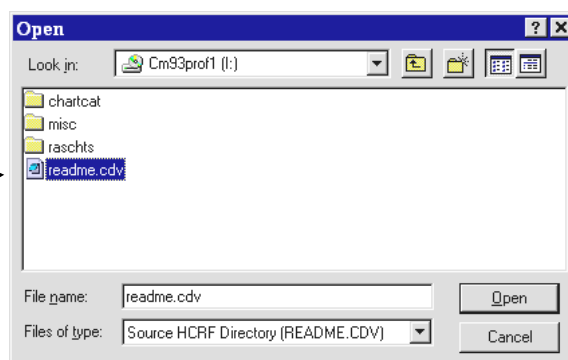
4. Click the 'Browse' button,



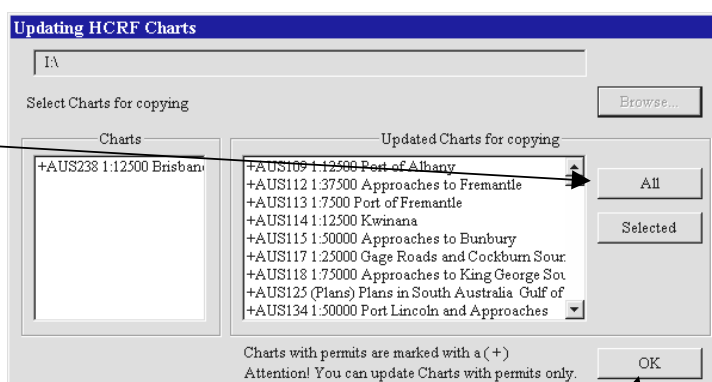
5. Click the down Arrow.

6. Choose the CD-ROM drive (usually D:).

7. Choose the file from CD with a '.CDV' extension and click 'Open'



8. All updates can be loaded by clicking the 'All' button. Individual updates can be selected by clicking on the desired updates. Clicking the 'Selected' button will only load the highlighted updates.

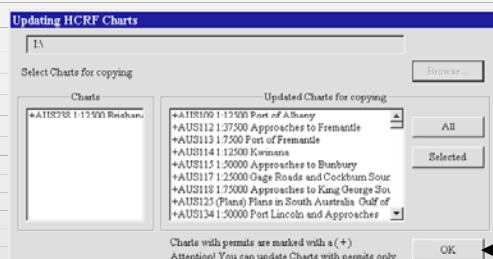
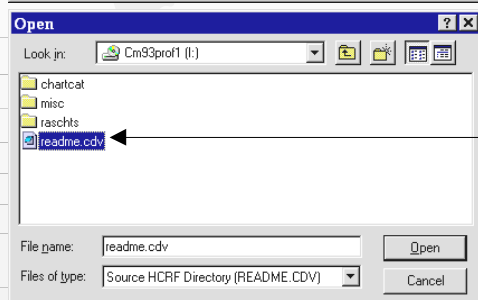
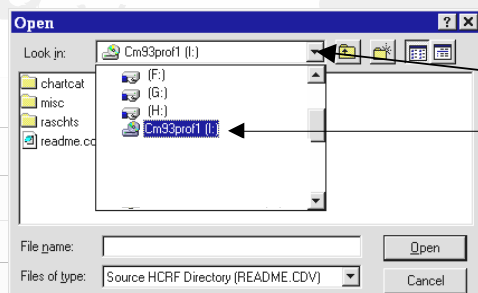
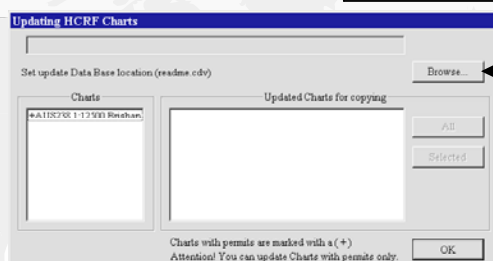
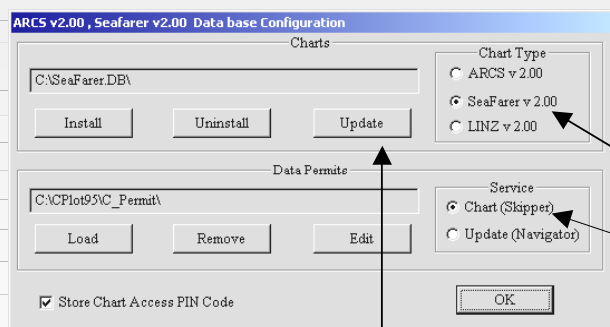


9. After the updates have finished being installed click 'OK'.



A flowchart 'Updating Seafarer Charts' outlining this sequence follows.

Updating Seafarer Charts



Start updating Seafarer charts

Choose 'Seafarer v2.00'

Choose 'Chart'

Insert the Seafarer update CD into the CD-ROM drive

On the Database Configuration dialogue box click the 'Update' button in the 'Charts' section

Click the 'Browse' button then
Click the Down Arrow
Choose the CD-ROM drive
(usually D:)

Choose the file from the disc
named 'README.CDV' and click
'Open'


All updates can be installed by
clicking the 'All' button. Individual
updates can be selected by
clicking on the desired updates.
Clicking the 'Selected' button will
only load the highlighted updates.

After the updates have finished
installing click 'OK'

Updating Seafarer charts
is complete

ARCS Charts

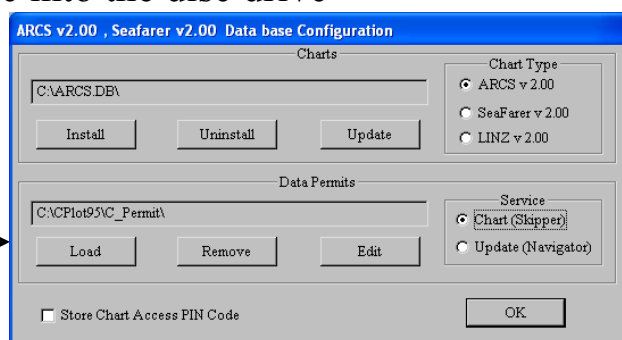
Loading ARCS Permits

 Read this sequence, and also refer to the flowchart 'Loading ARCS User Permits' outlining this entire sequence.

Before installing charts on the computer the appropriate permits should be installed. Permits are issued on a 3.5" floppy disc. To install Seafarer or ARCS permits use the following sequence:

1. Choose the 'Chart Type' as ARCS v2.00 and 'Service' as Chart.
2. Insert the 3.5" ARCS permit disc into the disc drive

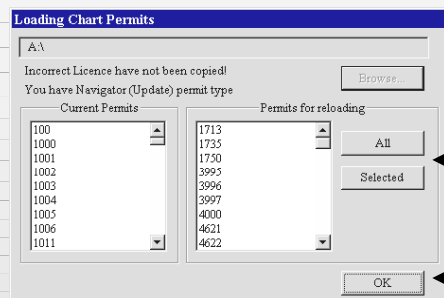
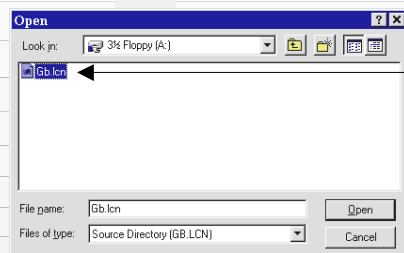
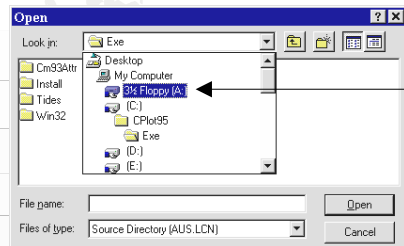
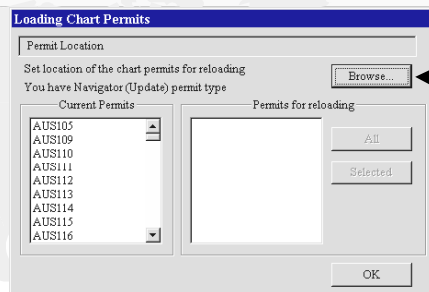
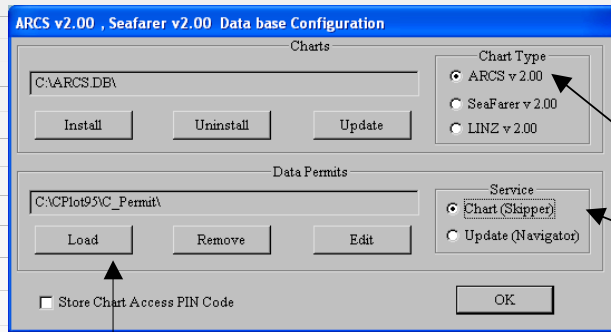
3. On the Database Configuration dialogue box click the 'Load' button in the 'Data Permits' section



4. Click the 'Browse' button then choose the 3.5" floppy drive (usually A:)
5. Choose the file from the disc with a '.LCN' extension and click 'Open'
6. All permits can be loaded by clicking the 'All' button. Individual permits can be selected by clicking on the desired permits. Clicking the 'Selected' button will only load the highlighted permits.
7. After the permits have finished loading click 'OK'.

 A flowchart 'Loading ARCS User Permits' outlining this sequence follows.

Loading ARCS User Permits



Start Loading ARCS Permits

Choose 'ARCS v2.00'

Choose 'Skipper'

Insert the 3.5" Seafarer Permit disc into the disc drive

On the Database Configuration dialogue box click the 'Load' 'in' the 'Data Permits' section

Click the 'Browse' button then choose the 3.5" floppy drive (Usually A:)

Choose the file from the disc with a '.LCN' extension and click 'Open'

All permits can be loaded by clicking the 'All' button.

Individual permits can be selected by clicking on the desired permits.

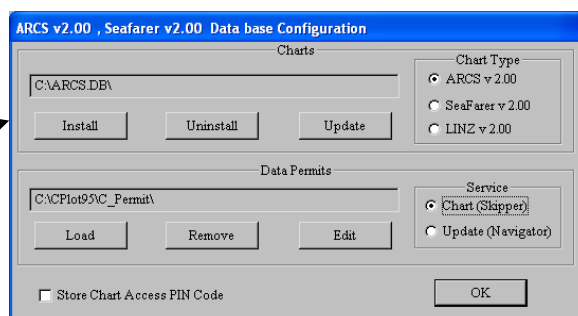
Clicking the 'Selected' button will only load the highlighted permits.

After the permits have finished loading click 'OK'

Loading Seafarer permits is complete

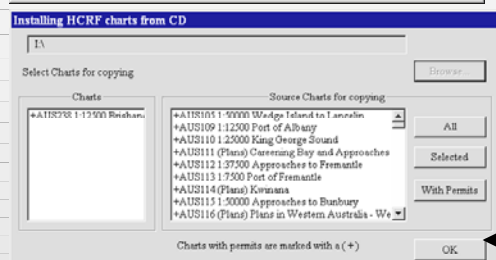
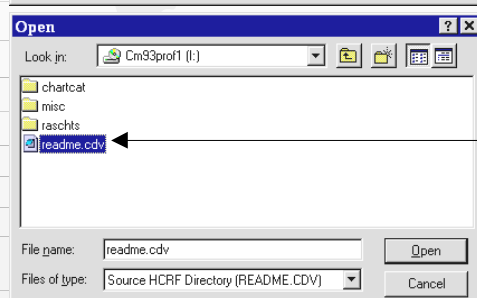
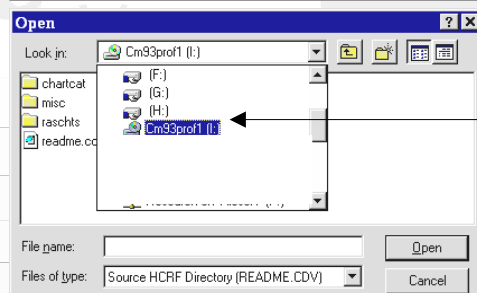
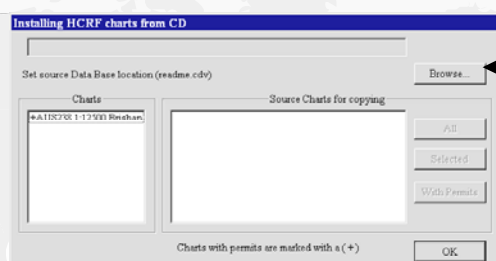
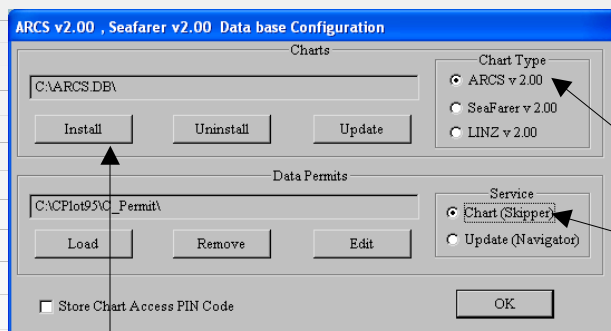
Installing ARCS Charts

1. Before attempting to install charts for use with C-Plot, ensure that the permits for these charts have previously been loaded (See 'Loading ARCS Permits'). Installing charts on the computer requires a sizeable amount of disc space. Please ensure that there is enough space on the disc drive where the charts will be installed.
2. Choose the 'Chart Type' as ARCS v2.00 and 'Service' as Skipper
3. Insert the ARCS Chart CD-ROM into the CD drive.
4. On the Database Configuration dialogue box click the 'Install' button in the 'Charts' section
5. Click the 'Browse' button then choose the CD-ROM drive (usually D:)
6. Choose the file from the disc named 'README.CDV' extension and click 'Open'
7. It is recommended that charts for which a permit is already loaded on the PC are installed. To achieve this use the 'With Permits' button. By only installing the charts that there are permits for the chart 'Seamless loading' and 'Auto Loading' will function correctly. (Individual charts can be selected by clicking on the desired charts. Clicking the 'Selected' button will only load the highlighted charts.)
8. After the charts have finished being installed click 'OK'



A flowchart 'Installing ARCS Charts' outlining this sequence follows.

Installing ARCS Charts



Start Installing ARCS Charts

Choose 'ARCS v2.00'

Choose 'Skipper'

Insert the ARCS chart CD into the CD-ROM drive

On the Database Configuration dialogue box click the 'Install' Button in the 'Charts' section

Click the 'Browse' button then choose the CD-ROM drive (usually D:)

Choose the file from the disc named 'README.CDV' and click 'Open'

It is recommended that charts for which a permit is already loaded on the PC are installed. To achieve this use the 'With Permits' button. By only installing the charts that there are permits for the chart 'Seamless loading' and 'Auto Loading' will function correctly.

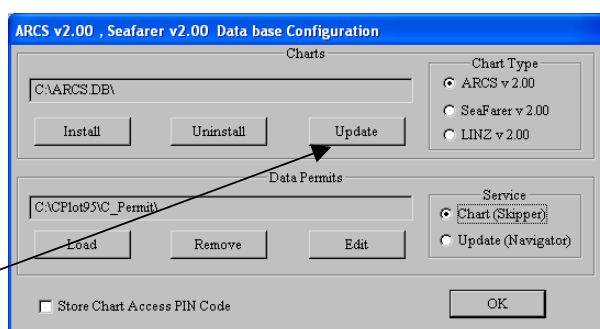
After the charts have finished installing click 'OK'

Installing ARCS charts is complete

Updating ARCS Charts

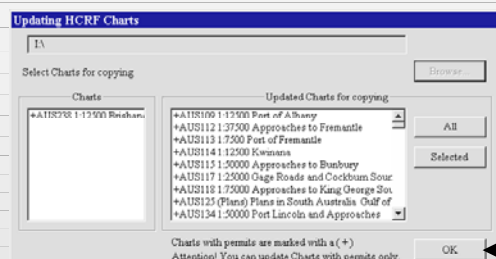
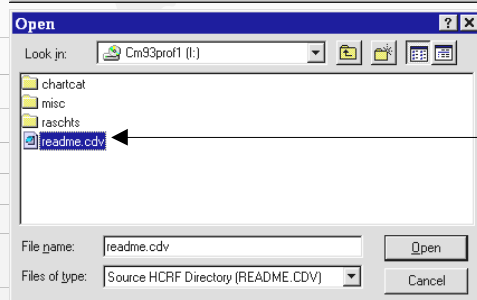
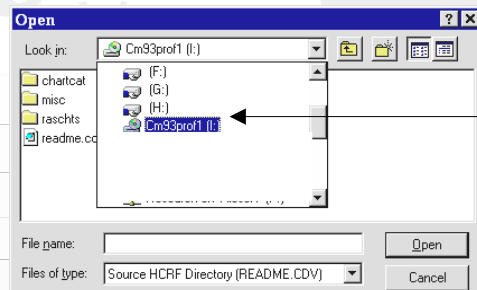
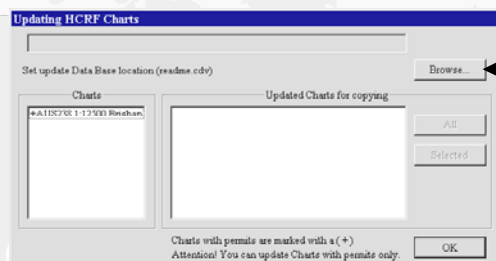
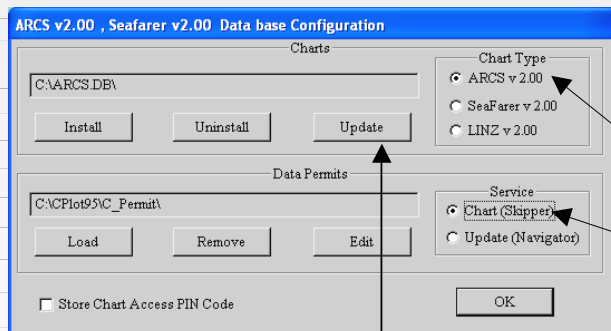
After completing the ARCS chart installation the 'Update' CD must be installed. (It is also possible to update the ARCS Charts when required by acquiring an update CD.). The following sequence describes how to update ARCS charts in C-Plot.

1. Choose the 'Chart Type' as ARCS v2.00 and 'Service' as Chart.
2. Insert the ARCS Update CD-ROM into the CD drive.
3. On the Database Configuration dialogue box click the 'Update' button in the 'Charts' section.
4. Click the 'Browse' button, choose the CD-ROM drive (usually D:).
5. Choose the file from CD with a '.CDV' extension and click 'Open'
6. All updates can be loaded by clicking the 'All' button. Individual updates can be selected by clicking on the desired updates. Clicking the 'Selected' button will only load the highlighted updates.
7. After the updates have finished being installed click 'OK'.



 A flowchart 'Updating ARCS Charts' outlining this sequence follows.

Updating ARCS Charts



Start updating ARCS charts

Choose 'ARCS v2.00'

Choose 'Skipper'

Insert the ARCS update CD into the CD-ROM drive

On the Database Configuration dialogue box click the 'Update' button in the 'Charts' section

Click the 'Browse' button then choose the CD-ROM drive (usually D:)

Choose the file from the disc named 'README.CDV' and click 'Open'

All updates can be installed by clicking the 'All' button. Individual updates can be selected by clicking on the desired updates. Clicking the 'Selected' button will only load the highlighted updates.

After the updates have finished installing click 'OK'

Updating ARCS charts is complete

LINZ Charts

Installing LINZ Charts

LINZ Charts are included on the TMQ C-Plot installation CD, the LINZ Database is installed directly to the computers hard drive from the TMQ C-Plot CD main menu.



Requirements:

- TMQ C-Plot Installation CD.
- Authorisation code for LINZ. (Example of Laminated sheet shown below)

TMQ C-PLOT LINZ Authorisation Codes

Please store this document in a safe place.

The numbers are essential for the operation of the C-Plot system

Dongle ID

2109

LINZ (New Zealand) Charts :

Issue 1-05 20/01/2005

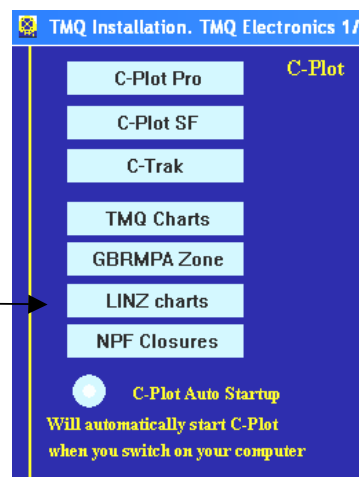
TMQ C-Plot Voyager NZ Authorisation Code D377129B56

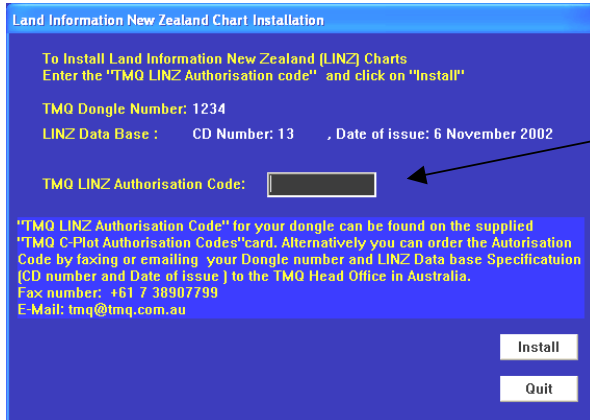
Example Only

These are not the correct codes for your system

Installation Procedure:

1. Ensure C-Plot is closed. (Exited)
2. Insert the TMQ C-Plot CD into the PC.
3. Select 'LINZ charts' from the Installation Menu

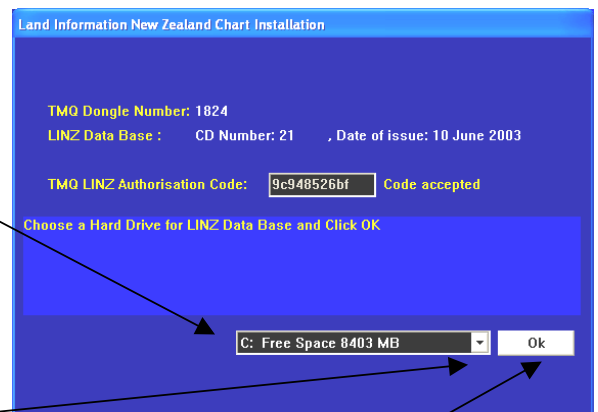




4. Insert 'TMQ LINZ Authorisation code:' from the A5 laminated sheet supplied with your system.

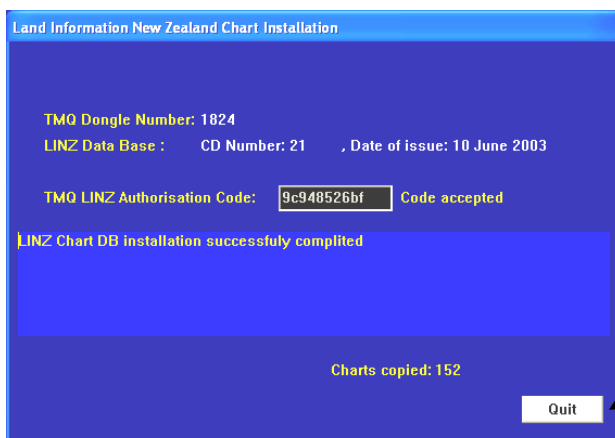
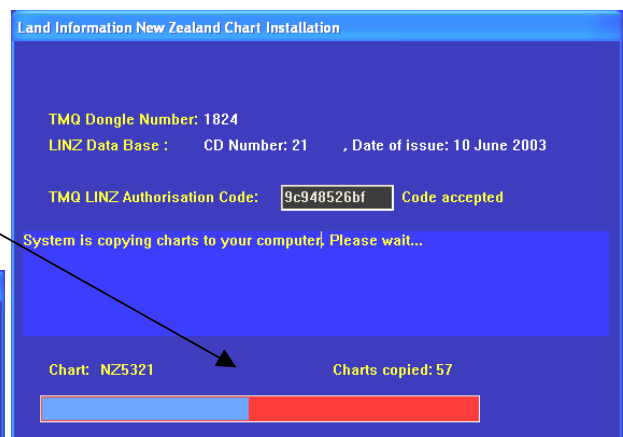
5. Select the location to save the LINZ Database to on your PC.

(Use the down Arrow to open drive location options)



6. Click 'OK' when location has been selected

7. The Database will be copied to your PC.



8. After the Database has been copied to the PC hard drive click 'Quit'


9. Installation of the LINZ chart Database is now complete.

Seafarer/ARCS Database Management

This section contains information which is not required for normal C-Plot and HCRF chart operation. Only refer to this section if you require to,

- **Remove Seafarer/ARCS Permits,**
- **Edit Seafarer/ARCS Permits or,**
- **Uninstall Seafarer/ARCS charts**

Removing Seafarer/ARCS Permits

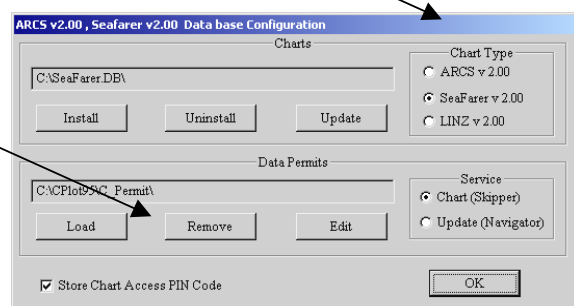
 **NOTE: This procedure is not normally required, do not complete unless instructed to do so by your TMQ C-Plot dealer/distributor.**

The 'Remove' button in the 'Data Permits' section of the Database Configuration dialogue box enables chart permits to be removed from the system. To remove permits use the following sequence.

1. Choose the desired 'Chart Type' and 'Service' of the permits to be removed.

**Seafarer – 'Chart Type' is Seafarer v2.00 and 'Service' is Chart.
ARCS – 'Chart Type' is ARCS v2.00 and 'Service' is Skipper.**

2. Click the 'Remove' button in the 'Data Permits' section.



3. All permits can be removed by clicking the 'All' button. Individual permits can be selected by clicking on the desired permits. Clicking the 'Selected' button will only remove the highlighted permits.
4. After the permits have finished being removed click 'OK'.

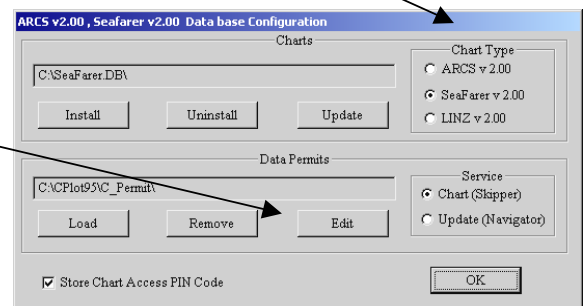
Editing Seafarer/ARCS Permits

It may be necessary to change or add chart permits manually instead of loading them from a floppy disc. There are two methods for editing Seafarer/ARCS permits; both methods will be explained in the following sequence.

1. Choose 'Chart Type' and 'Service' of the permits to be edited.

**Seafarer – 'Chart Type' is Seafarer v2.00 and 'Service' is Chart.
ARCS – 'Chart Type' is ARCS v2.00 and 'Service' is Skipper.**

2. Click the 'Edit' button in the 'Data Permits' section.



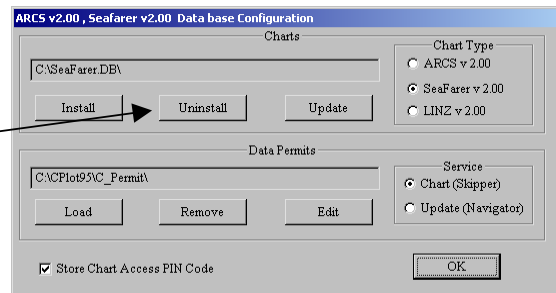
3. Permit Edit, use one of the following methods,
 - Method 1: Simply enter the new permit number into the 'Chart Permit for Editing' section and click 'ADD'.
 - Method 2: Choose an existing permit from the 'List of Chart Permits' section and click 'Edit'. Now edit the chosen permit in the 'Chart Permit for Editing' section and click 'ADD'.
4. Once all the desired chart permits have been Edited/Added click 'OK'

Uninstalling Seafarer Charts

The 'Uninstall' button allows installed charts to be removed from the C-Plot database. To uninstall Seafarer charts use this sequence.

1. Choose the 'Chart Type' as Seafarer v2.00 and 'Service' as Chart.

2. On the Database Configuration dialogue box click the 'Uninstall' button in the 'Charts' section.



3. All charts can be removed by clicking the 'All' button. Individual charts can be selected by clicking on the desired charts. Clicking the 'Selected' button will only load the highlighted charts. The 'Without Permits' button will only select and uninstall those charts for which the permit is not present.

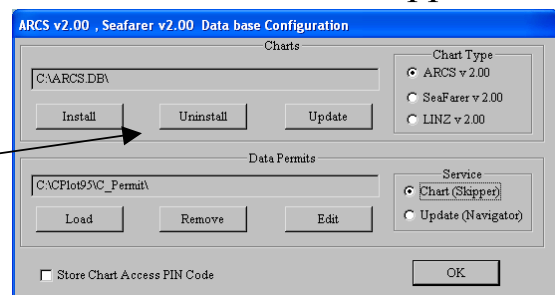
4. After the charts have finished being uninstalled click 'OK'.

Uninstalling ARCS Charts

The 'Uninstall' button allows installed charts to be removed from the C-Plot database. To uninstall ARCS charts use this sequence.

1. Choose the 'Chart Type' as ARCS v2.00 and 'Service' as Skipper.

2. On the Database Configuration dialogue box click the 'Uninstall' button in the 'Charts' section.



3. All charts can be removed by clicking the 'All' button. Individual charts can be selected by clicking on the desired charts. Clicking the 'Selected' button will only load the highlighted charts. The 'Without Permits' button will only select and uninstall those charts for which the permit is not present.

After the charts have finished being uninstalled click 'OK'.

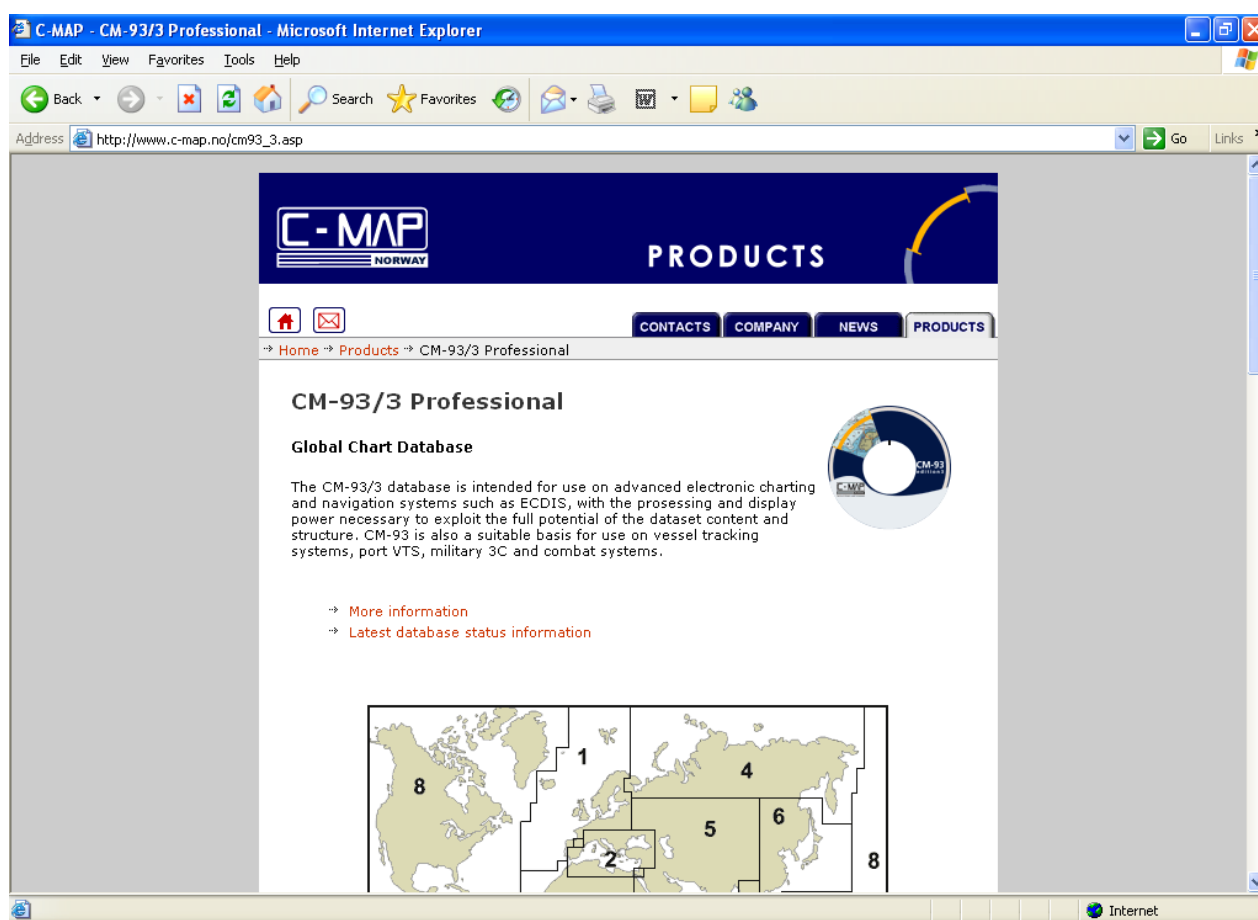


C-Map CM-93 Edition 3 Chart Installation

This appendix deals with installing C-Map CM-93/3 charts for use by C-Plot Pro. Additional information regarding the CM-93/3 format can be found on the C-Map website please refer to this if required.



Web address: http://www.c-map.no/cm93_3.asp



C-Map Chart Coverage

The world is split into 9 separate zones:

ZONE 1: Northern Europe

ZONE 2: Mediterranean Sea

ZONE 3: Coast of Western and Southern Africa

ZONE 4: Arctic coast of Europe and Asia, Sea of Okhotsk and Kamchatka

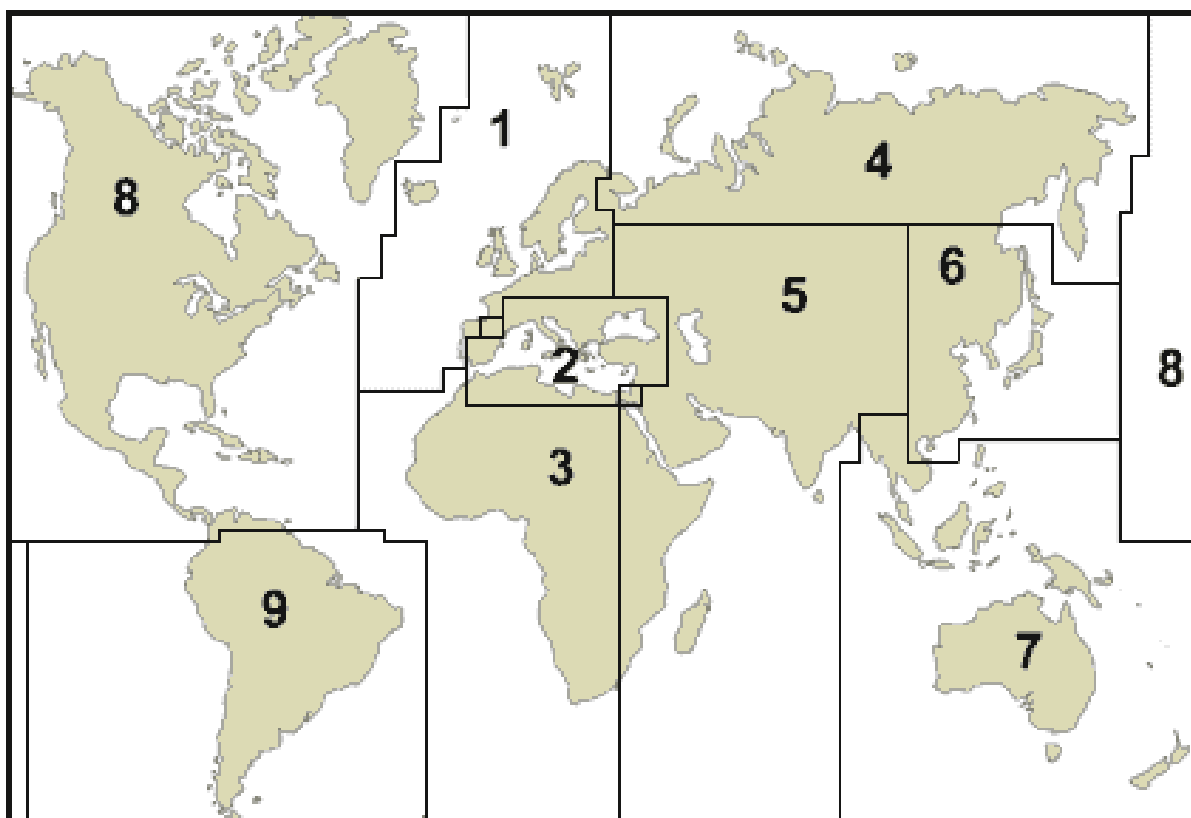
ZONE 5: Western Indian Ocean, Suez Channel, Red Sea, Arabian Sea and The Gulf

ZONE 6: Coast of China, Korea and Japan

ZONE 7: Indonesia, Australia, New Zealand and Oceania

ZONE 8: Coast of North and Central America, Gulf of Mexico and Caribbean Sea

ZONE 9: South American coast

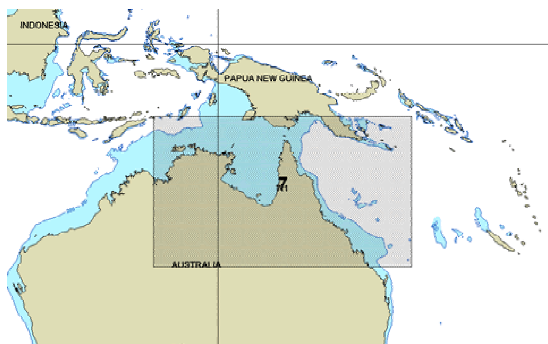


Some Zones have ‘Special Areas’. ZONE 7 does not, refer to the C-Map website for more information:- http://www.c-map.no/cm93_3.asp

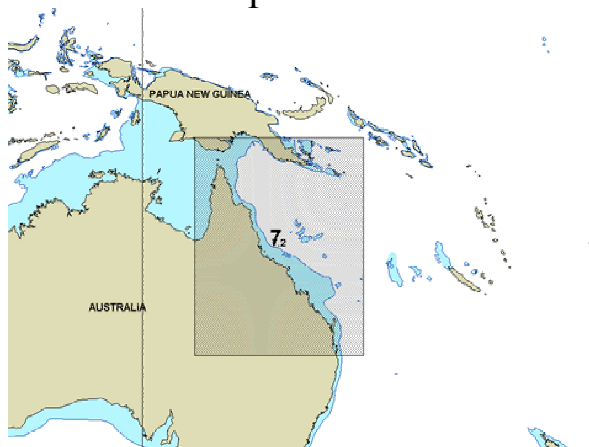
Within each zone there are individual areas. Charts are supplied either per area, per zone or the whole World.

As an example **ZONE 7: Indonesia, Australia, New Zealand and Oceania** have 13 areas. (No Special Areas) Some of which are shown below.

Area 1: Townsville to Wyndam



Area 2: Southport to Karumba



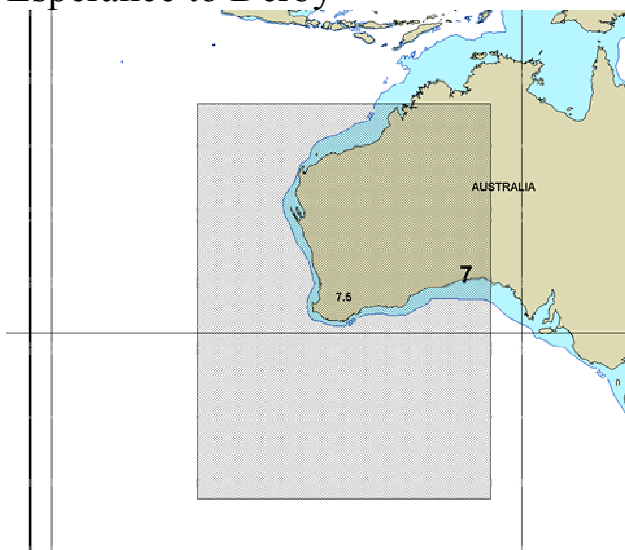
Area 3: Batemans Bay to Port Douglas



Area 4: South Australia, Victoria and Tasmania



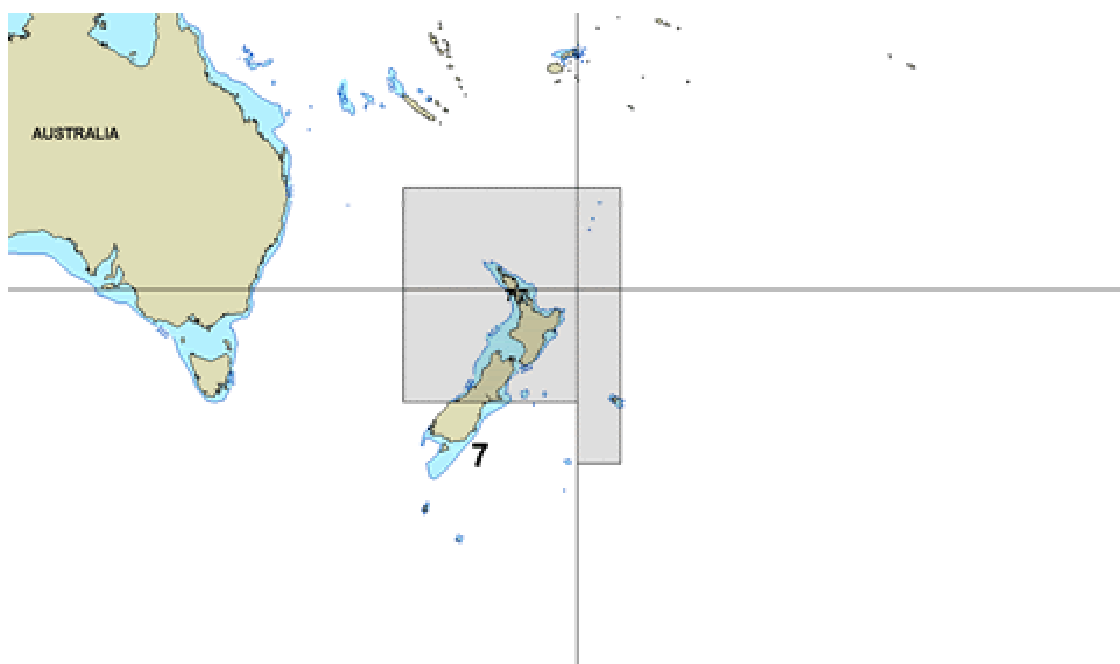
Area 5: Esperance to Derby



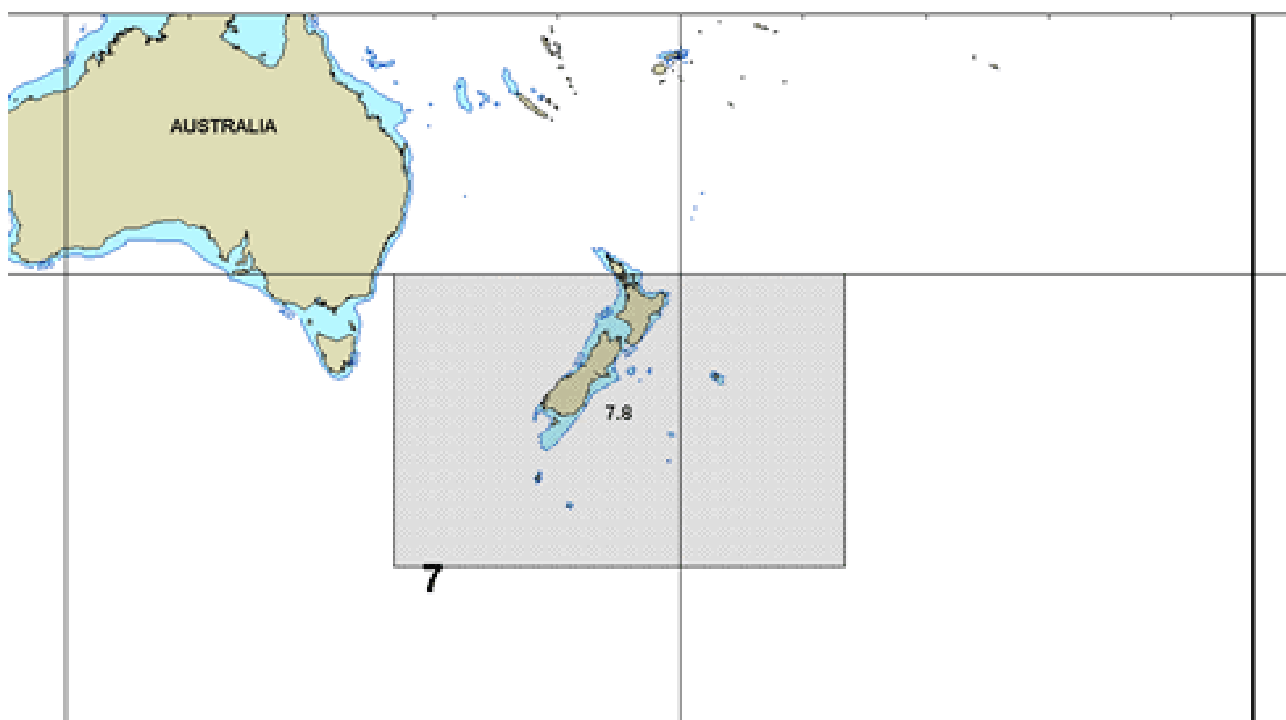
Area 6: Howard Island to Port Cloates



Area 7: New Zealand North Island



Area 8: New Zealand South Island








Installing C-Map CM-93 Edition 3 Charts (CM-93/3)


Installation of the C-Map CM-93 Edition 3 chart database is a once off procedure. The database may be required to be modified at a later date during the chart update procedure or if different Zones/Areas are purchased.

Copying the CM-93/3 Database to PC Hard Drive

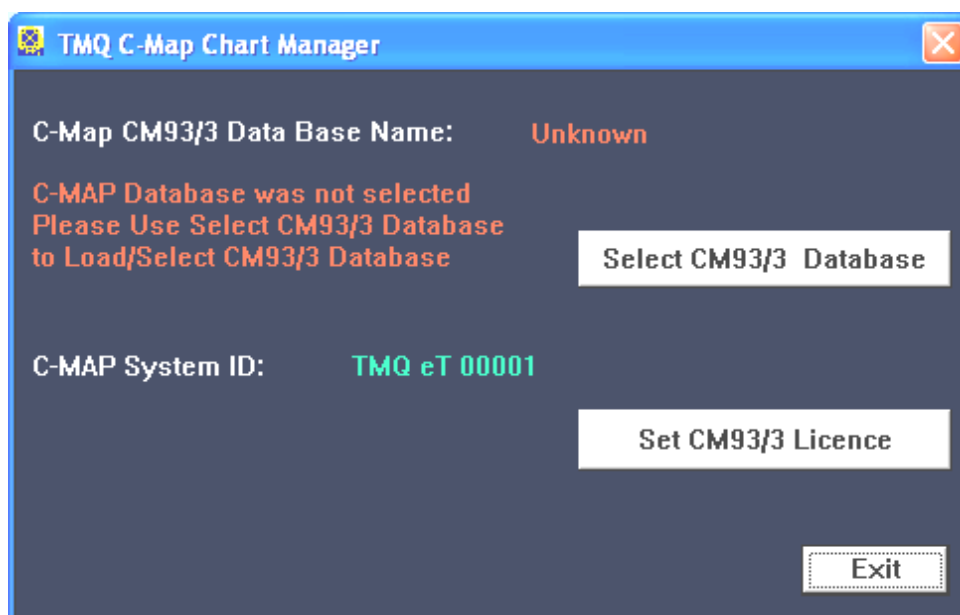
Access Sequences:

 →  →  'Charts' →  'Config' →  'C-MAP'

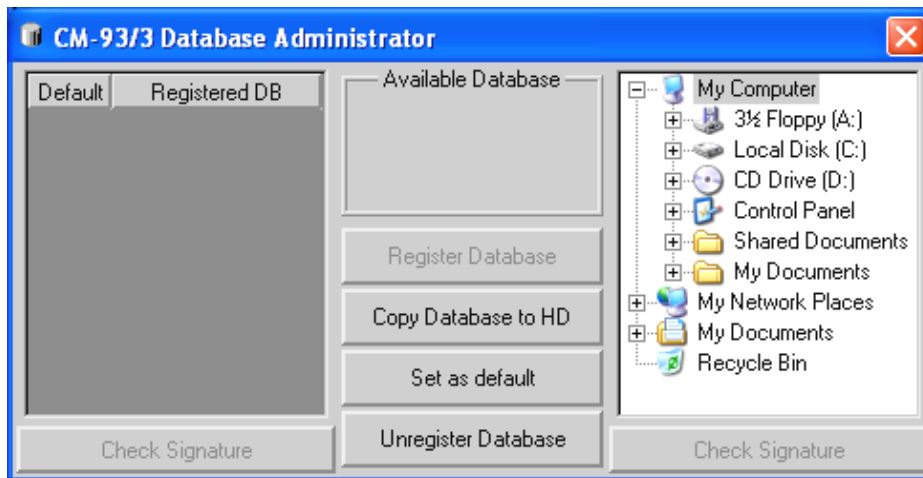
 Press 'Menu' → 0 → 6 → 2

 Press Alt+M → 0 → 6 → 2

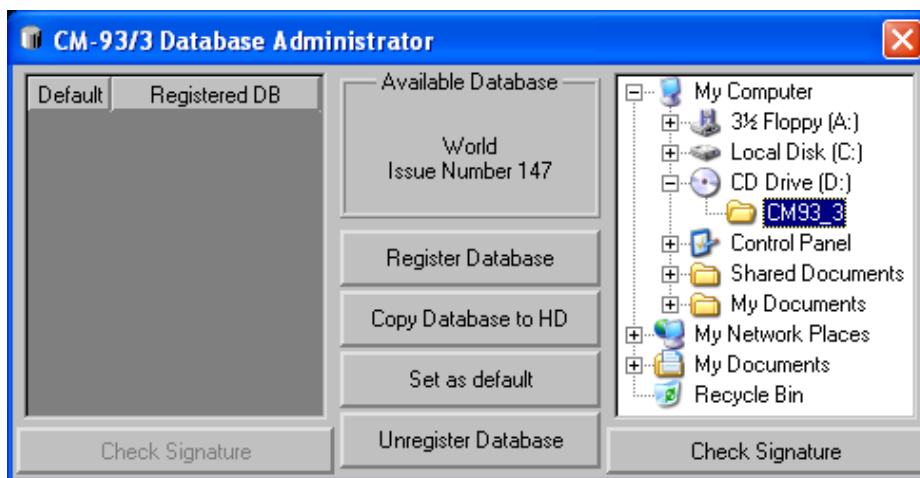
1. Click 'Select CM93/3 Database' button



The CM-93/3 Database Administrator window is displayed.

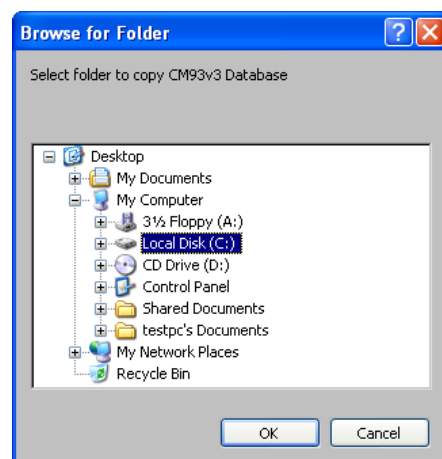


2. Select CD Rom and then the CM93/3 Folder, when correctly selected it will be visible in the Available database section.
World Issue Number 147 in this example below.

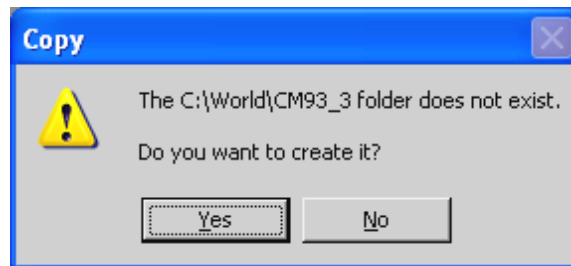


3. Click the 'Copy Database to HD' button. The 'Browse for Folder' window will be displayed.
4. Select the location to copy the Database to. Recommended to Select Local Disc (C:)

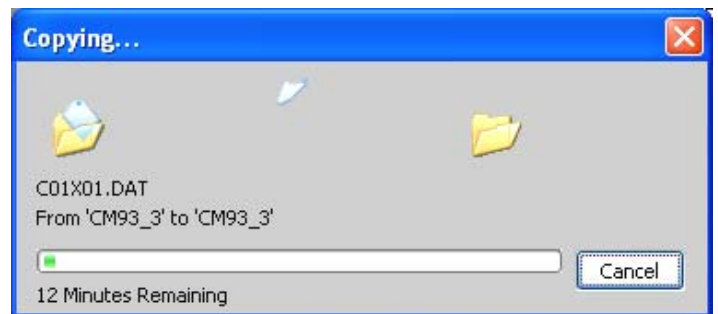
Click OK to continue.



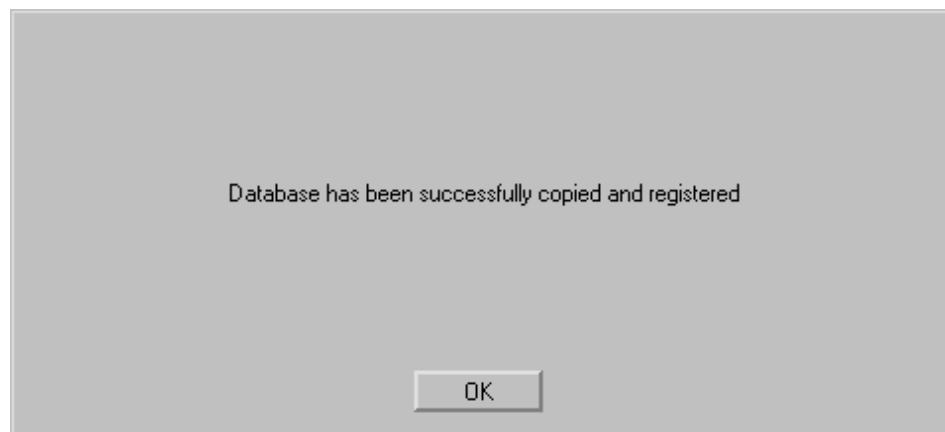
-
5. The folder does not exist; select YES to have it generated automatically.



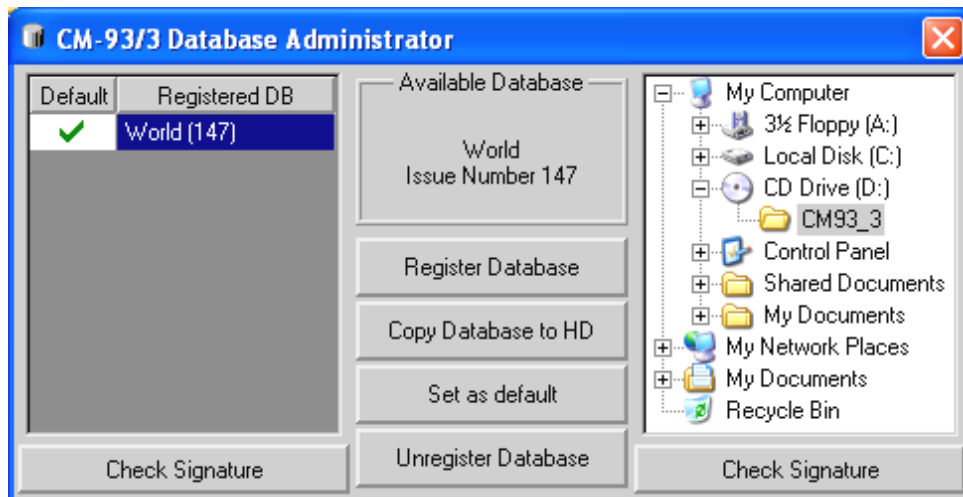
Copying of the Database will start; it may take up to 30 min to copy



6. After the Database has been copied the following confirmation will be displayed, click OK



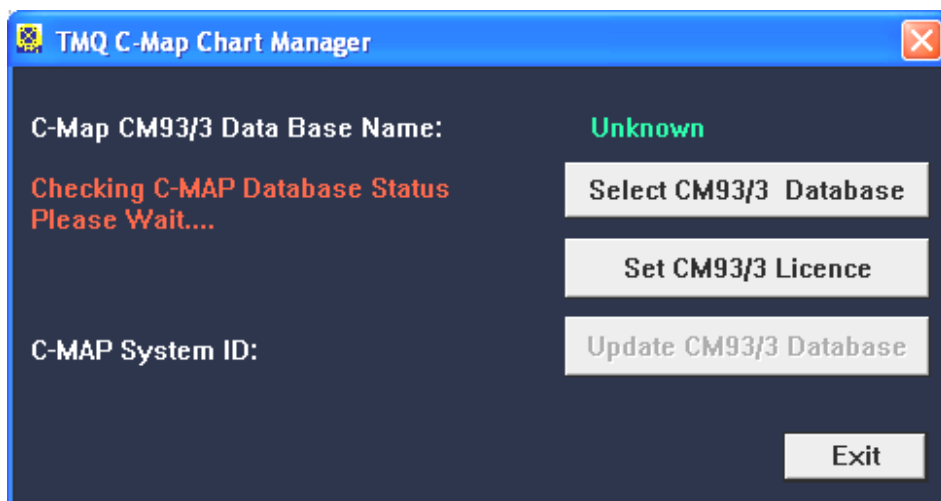
7. Check that the Database is now visible in the left pane of the CM-93/3 Database Administrator window, as shown below. This completes the Copying of the database procedure.



8. Close the CM-93/3 Database Administrator window.

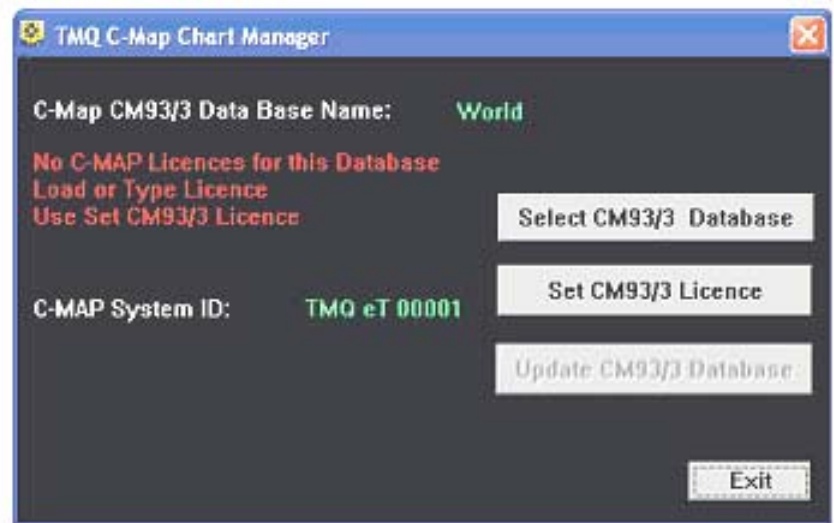
Setting Licence for Database

1. Ensure the C-Map eToken is inserted into the USB Port.
2. Enter the TMQ C-Map CM93/3 Chart Manager, wait while it detects database, this may take a few minutes.

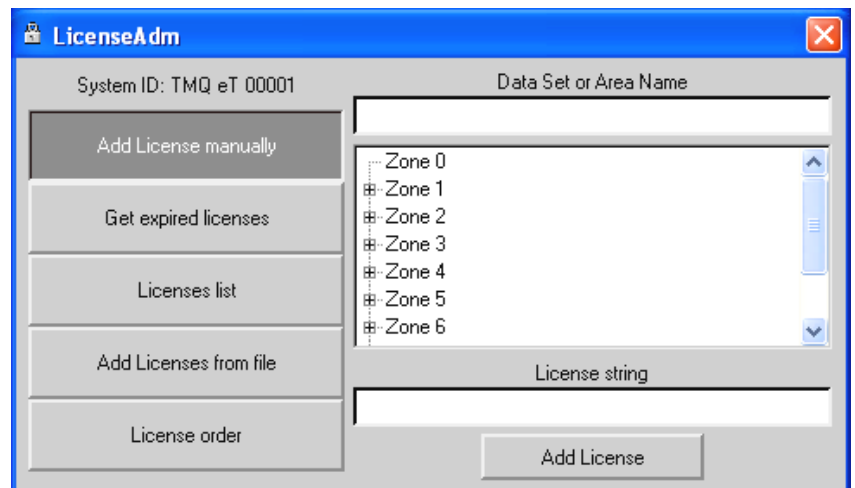


3. Once it is detected it is required to be licensed, click the 'Set CM93/3 Licence' button

The LicenseAdm window is displayed

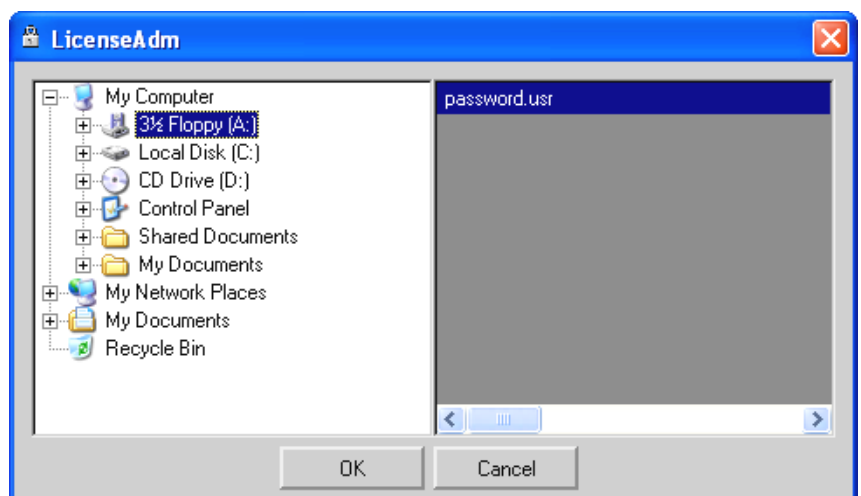


4. Click the 'Add Licenses from File' button, the computer explore tree is displayed.



5. Select the location of your licence (password.usr), usually it is on the (A:) drive as shown below.

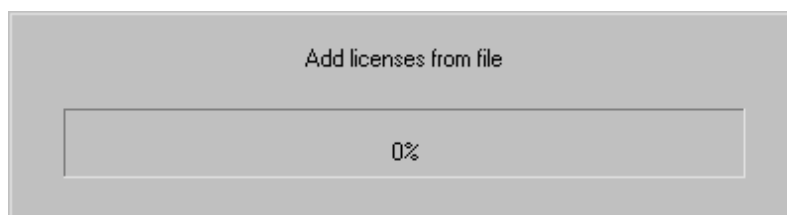
Then Click the OK button



6. Click YES to add the Licence



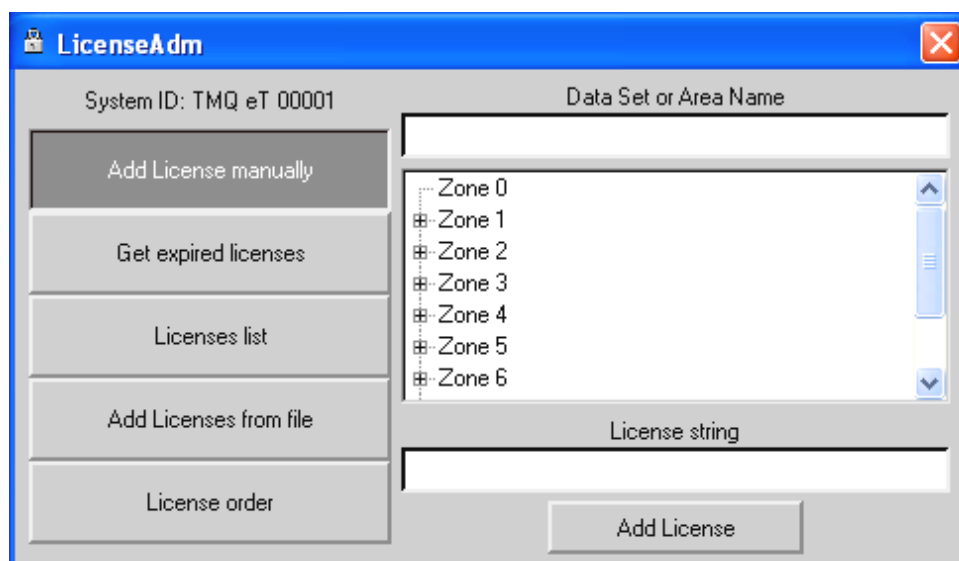
Licence will be added



7. Click Close when the licence has been added.

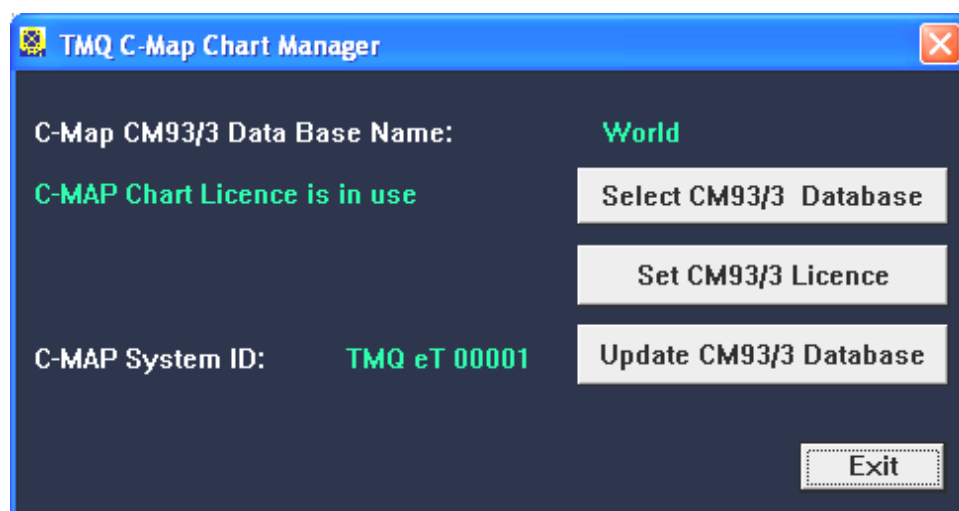


8. Close the LicenseAdm window using the X top right of the window



The TMQ C-Map Chart Manager will now check the Licence and Database, this may take a few minutes.

When complete the window below will be displayed confirming correct licensing.



The Database installation and Licensing is now complete.






9. Click the 'Exit' button

10. Close C-Plot and Reboot your PC.


Displaying the C-Map Charts

Some PCs may not function correctly if the system has not been rebooted after the Database installation

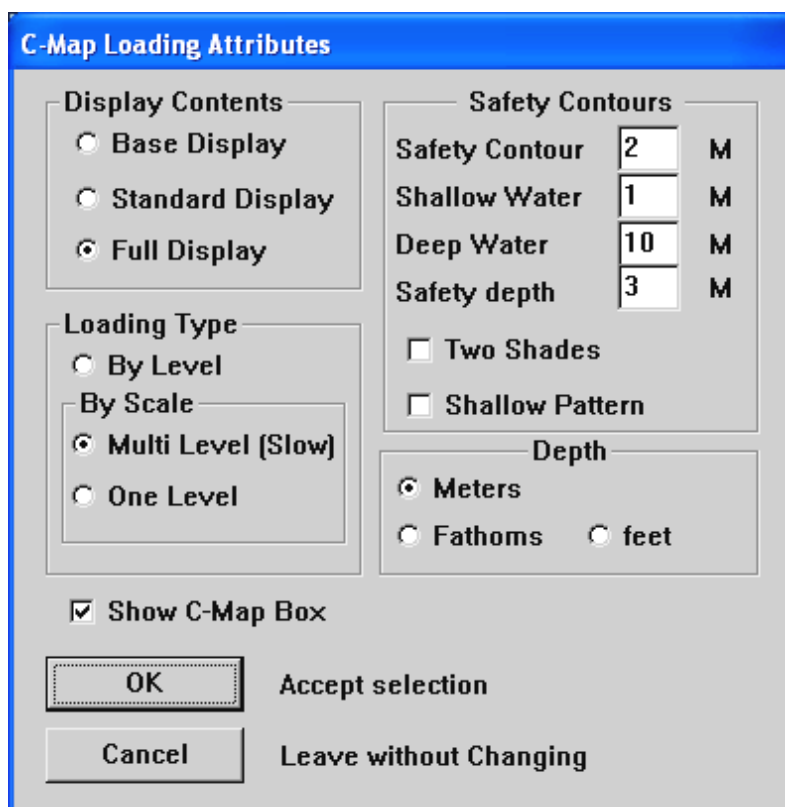
Access Sequences:

  →  →  'Charts' →  'Load' →  'C-MAP'

 Press 'Menu' → 0 → 0 → 2

 Press Alt+M → 0 → 0 → 2

Configure the C-Map Loading Attributes as required.
Click the OK button to complete.



The dialog box titled "C-Map Loading Attributes" contains the following settings:

- Display Contents:**
 - ☐ Base Display
 - ☐ Standard Display
 - ☒ Full Display
- Loading Type:**
 - ☐ By Level
 - ☐ By Scale
 - ☒ Multi Level [Slow]
 - ☐ One Level
- Safety Contours:**

Safety Contour	2	M
Shallow Water	1	M
Deep Water	10	M
Safety depth	3	M

 - ☐ Two Shades
 - ☐ Shallow Pattern
- Depth:**
 - ☒ Meters
 - ☐ Fathoms
 - ☐ feet
- ☒ Show C-Map Box

Buttons: OK (Accept selection), Cancel (Leave without Changing)

Updating C-Map CM-93/3 Charts

Automatic Updating

C-Map CM-93/3 charts can be updated at any time through the TMQ C-Map Chart Manager interface. Using an Internet connection the available updates can be downloaded directly to the C-Map CM-93/3 database.



Note:- Ensure that your Internet connection and account is fully operational without C-Plot running.

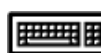
Access Sequences:



→ → → 'Charts' → → 'Config' → → 'C-MAP'

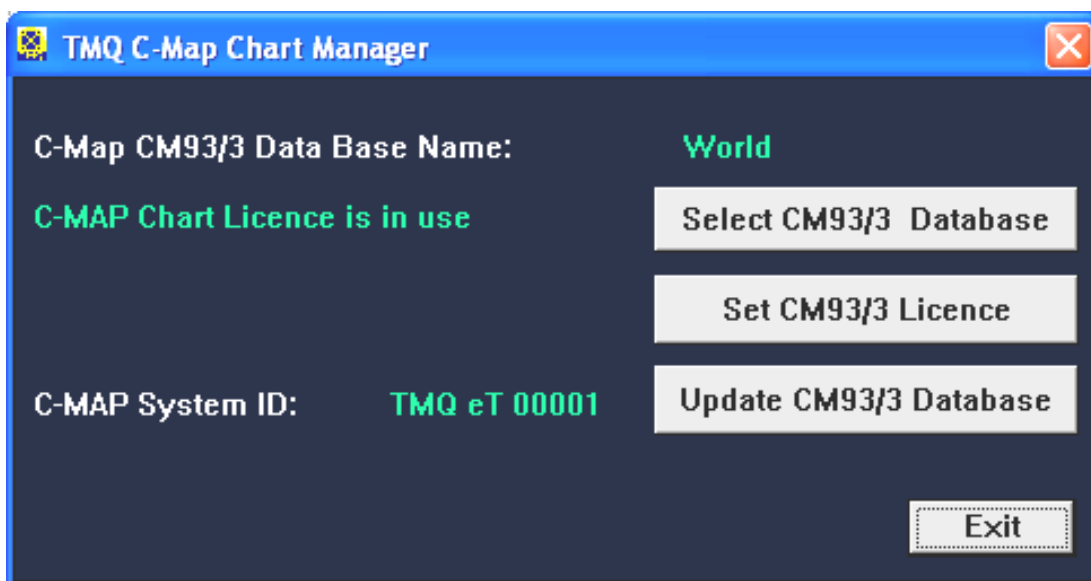


Press 'Menu' → 0 → 6 → 2



Press Alt+M → 0 → 6 → 2

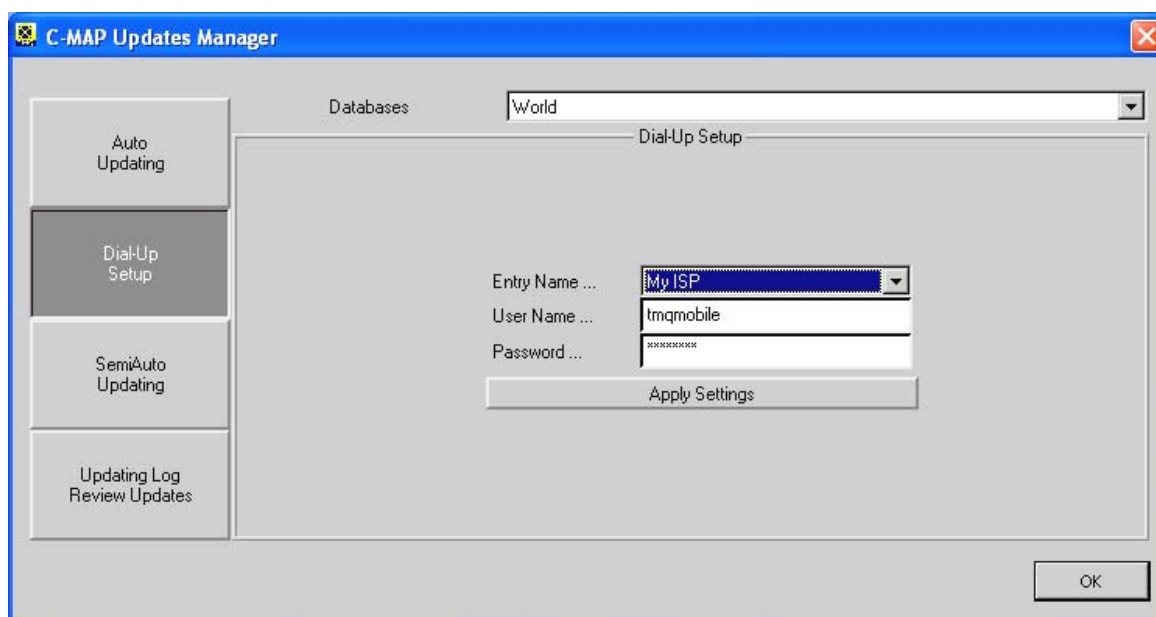
1. Wait until the database and licence has been checked then Select 'Update CM93/3 Database'



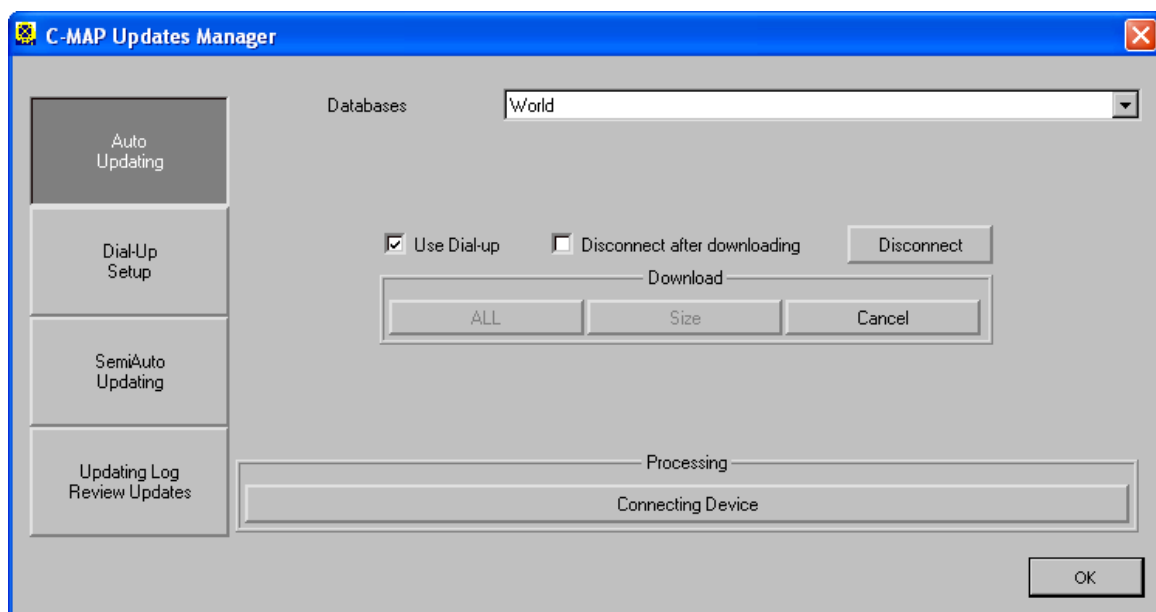
2. Select 'Dial-Up Setup'
3. Enter the account details for your Internet Service Provider (ISP) for an

existing fully operational Internet account.

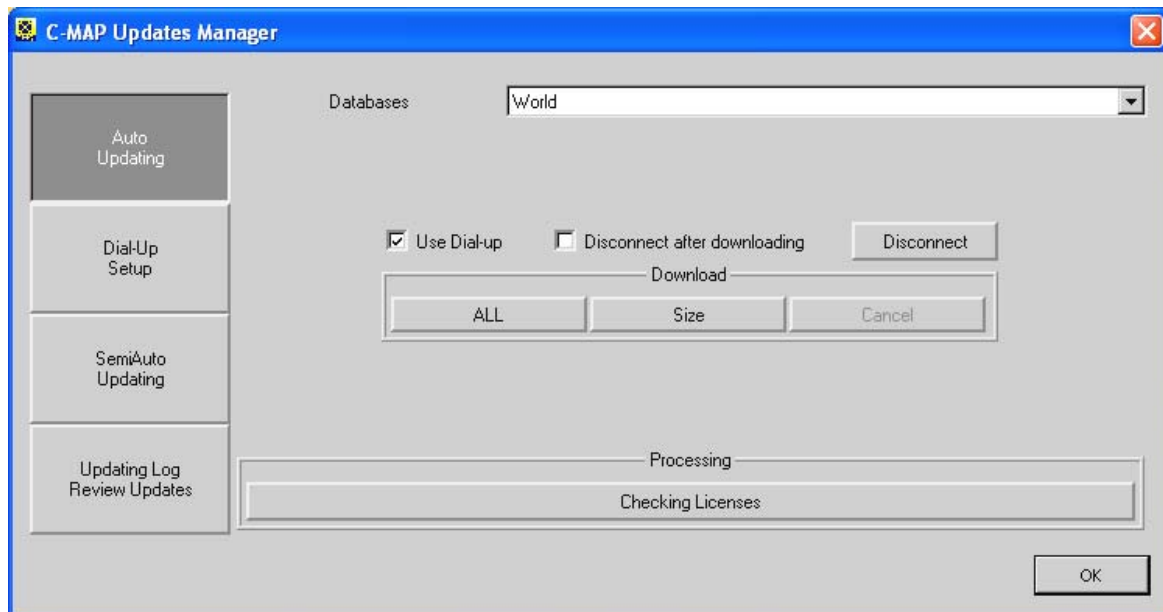
4. Click 'Apply Settings' to save the account information



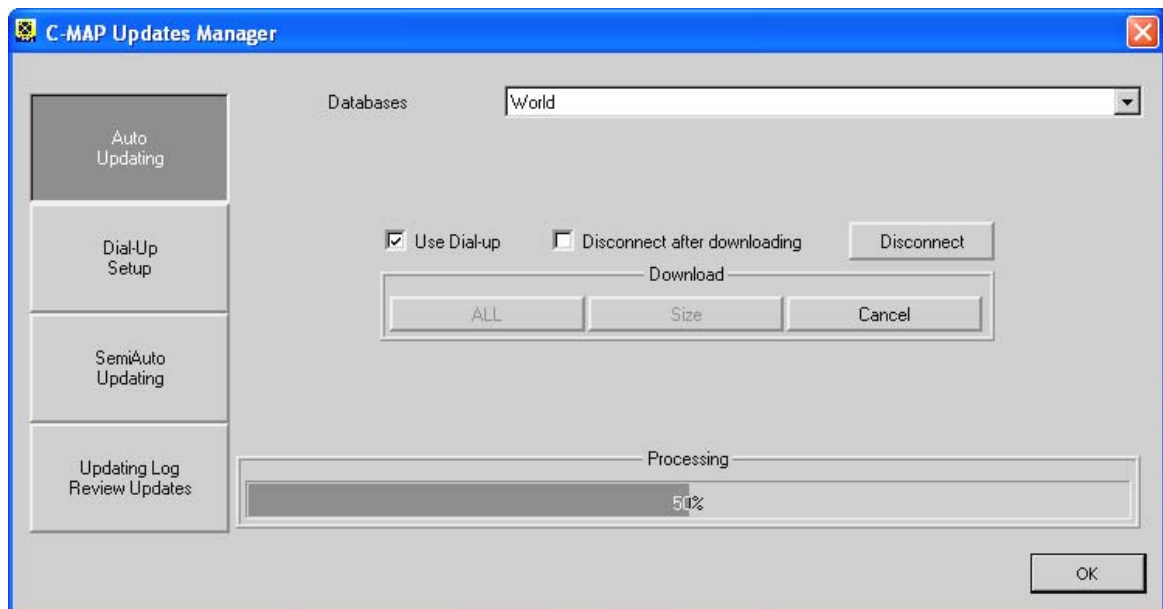
5. Select 'Auto Updating'
6. Check that the correct database name is selected in the 'Databases' box.
7. Select 'Use Dial-Up' and if required 'Disconnect after downloading' this will disconnect the computer from the Internet after completion of chart updating.
8. Select the 'ALL' button to start downloading all available updates. The modem will now connect to your Internet Service Provider (ISP), this process may take a few minutes.



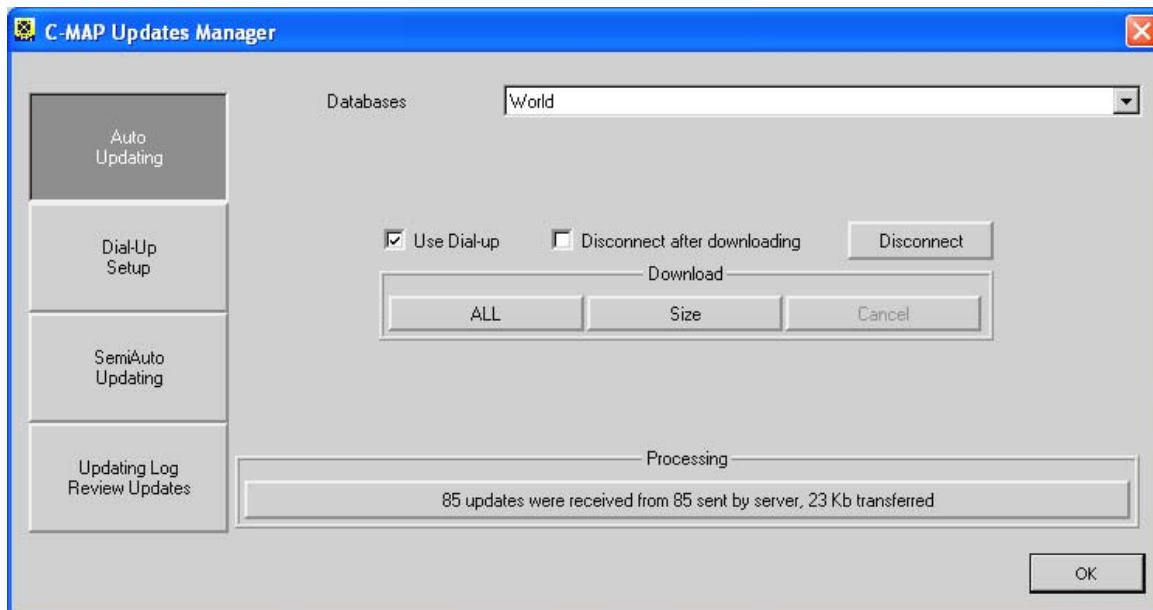
9. The system Licence will then be checked.



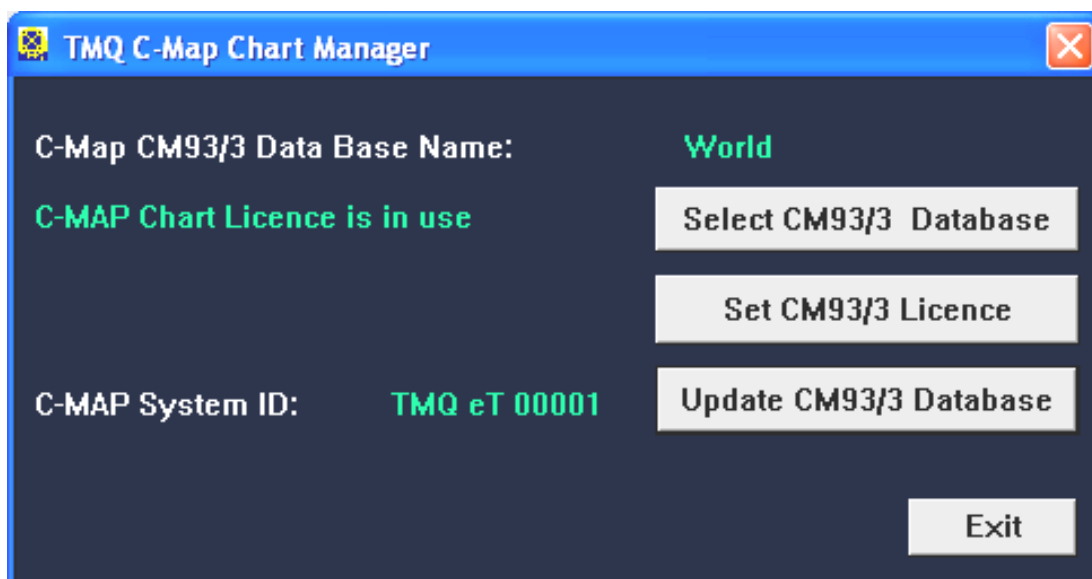
10. Downloading of all available updates will then commence. Time to complete this stage depends on the number of updates to be downloaded and the speed of your Internet connection



-
11. Confirmation will be provided for the number of updates received and sent by the C-MAP Server.



12. Be sure to disconnect from the Internet if the connection is no longer required. Note:- The 'Disconnect after downloading' option can be selected for future chart updates if automatic disconnection is required.
13. To exit from the C-Map Updates Manager click the 'OK' button.



14. To exit from the TMQ C-Map Chart Manager click the 'Exit' button.

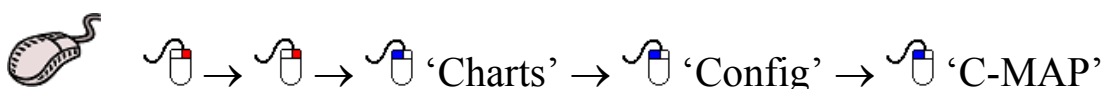
Semi-Automatic Updating – Creating Order File

Updates Email address:- updates@c-map.no

C-Map CM-93/3 charts can be updated at any time through the TMQ C-Map Chart Manager interface. The 'SemiAuto Updating' provides an alternative method of updating for those computers not connected to the Internet. The CM-93/3 chart update order is generated, saved to a specified location and can then be sent to C-Map via email from another PC with an Internet connection.

The chart update order file must be created and saved to removable media (usually Floppy Disc). The C-Map Updates Manager is used to do this.

Access Sequences:

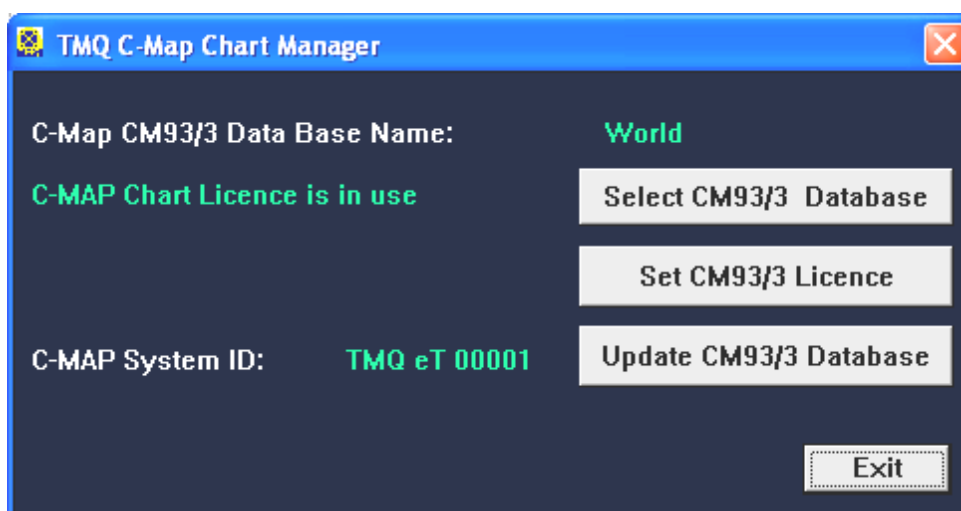


Press 'Menu' → 0 → 6 → 2

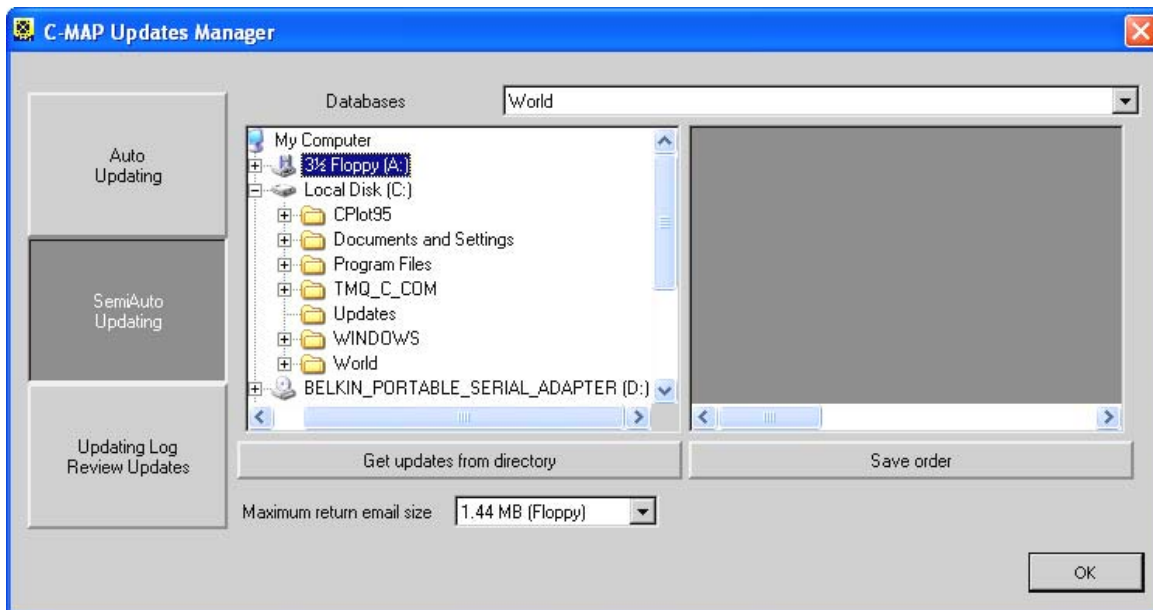


Press Alt+M → 0 → 6 → 2

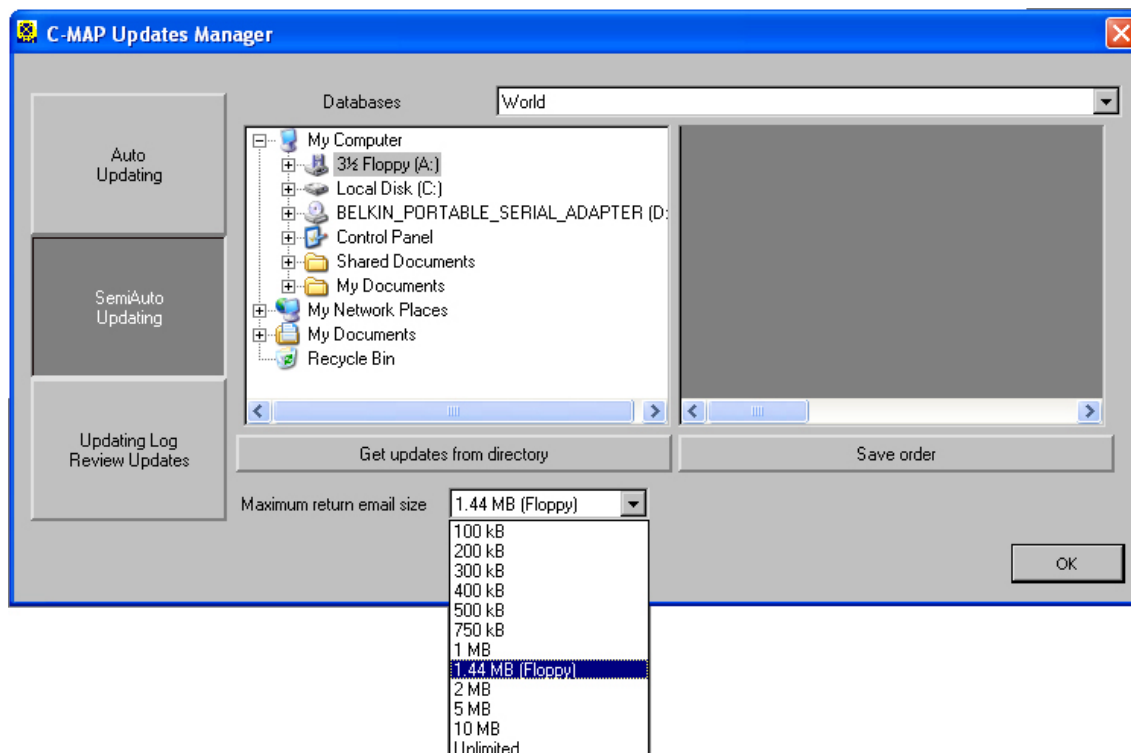
1. Wait until the database and licence has been checked then Select 'Update CM93/3 Database'



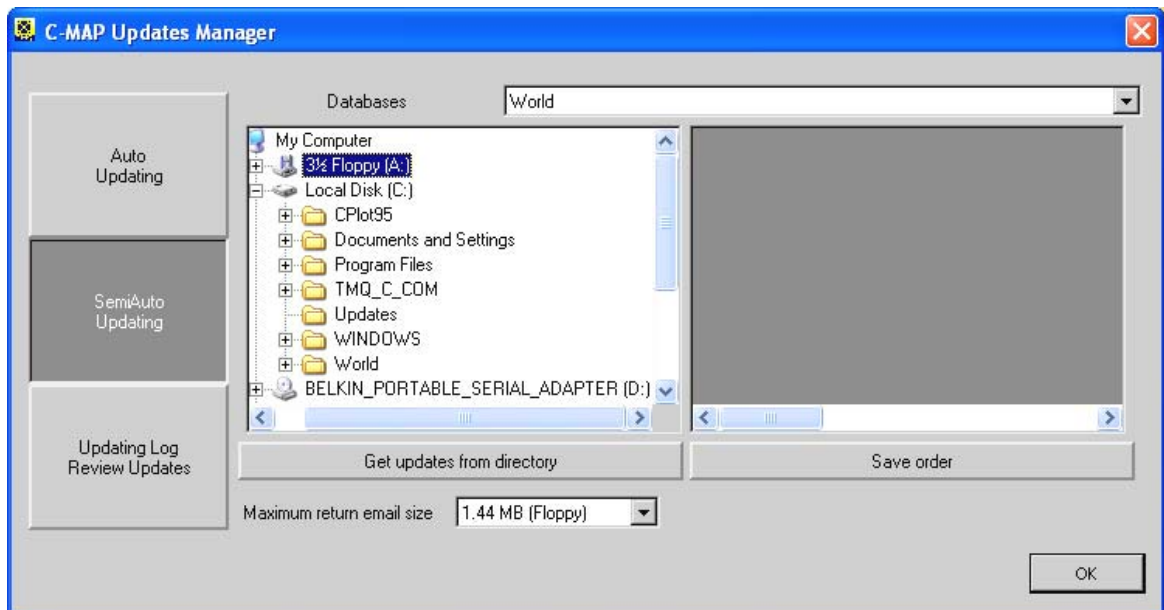
2. Select 'SemiAuto Updating.



3. Select from the drop down list the maximum return email size if your Internet Service Provider (ISP) imposes restrictions. The 1.44MB (Floppy) size is recommended as the file can be saved to a blank formatted 1.44MB Floppy Disc ready for transfer to the PC with the C-Map CM-93/3 chart database installed on it.



-
4. Select the required location for the C-Map order file to be saved. This is usually the (A:) Drive, as shown below.



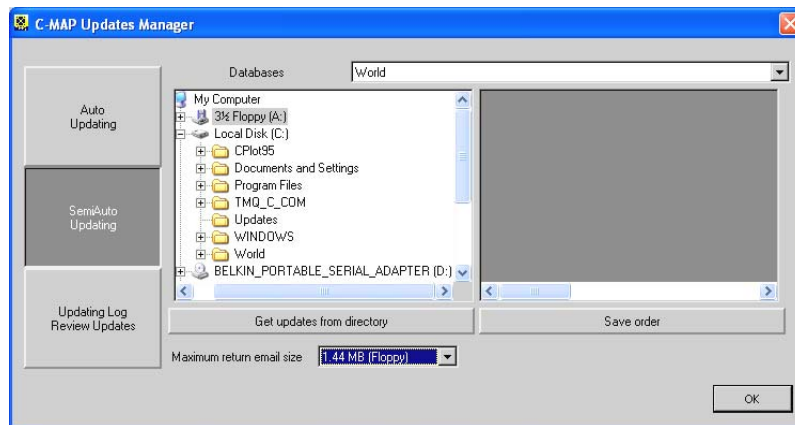
5. Click the 'Save order' button, be sure to check that the file is being saved to the correct location (here A:\) click 'YES' to save the file.



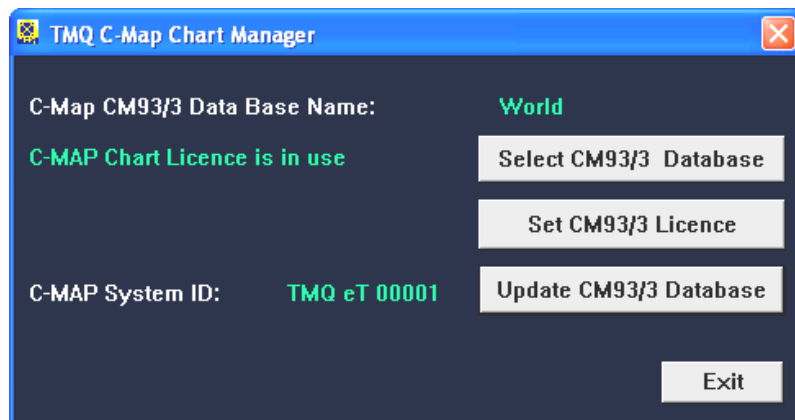
6. Confirmation is provided that the file saved correctly, Click 'OK'



7. Click 'OK' to exit from the C-Map Updates Manager



8. Click 'Exit' to close the TMQ C-Map Chart Manager








9. Remove the Floppy Disc and transfer it to a PC with email capability. Send the order file (*.ord) to C-Map at **updates@c-map.no** Reply is automated and can be within minutes it contains an attached file (*.ans). Transfer this file to the PC with the C-Map database installed on it using the floppy disc. Refer to:- Semi-Automatic Updating – Loading Updates From Email

Semi-Automatic Updating – Loading Updates From Email

To complete the 'Semi Auto' update procedure the C-Map update file must be installed, the file is in the *.ans format and will be sent by email from C-Map. Refer to:- Semi-Automatic Updating – Creating Order File

Installation of the updates is through the 'TMQ C-Map Chart Manager'

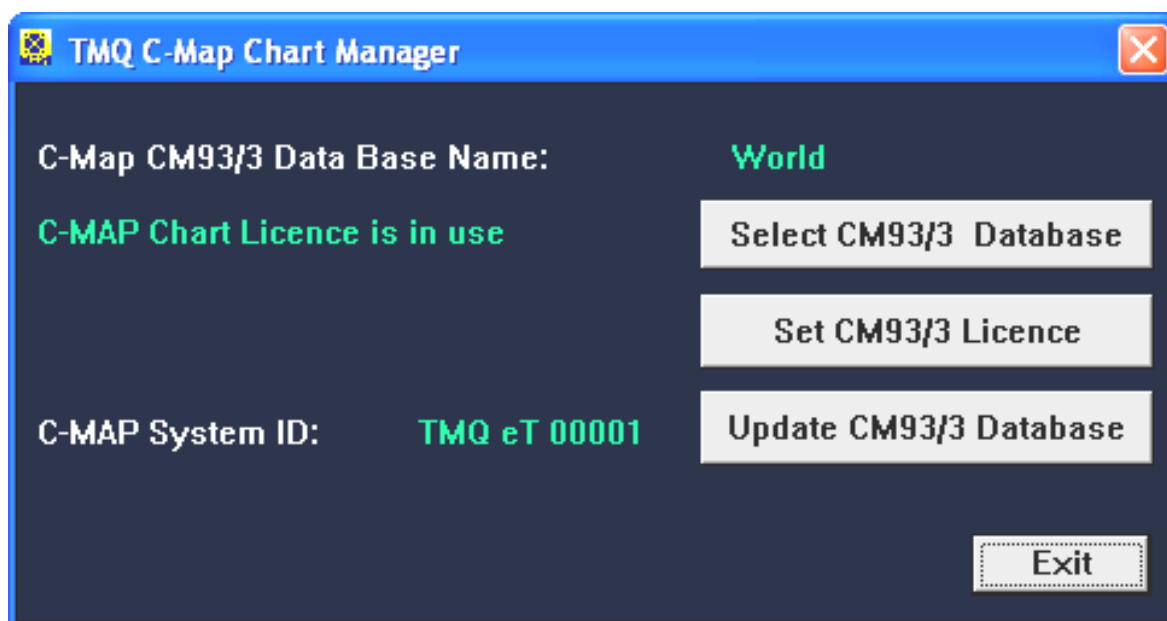
Access Sequences:

 →  →  'Charts' →  'Config' →  'C-MAP'

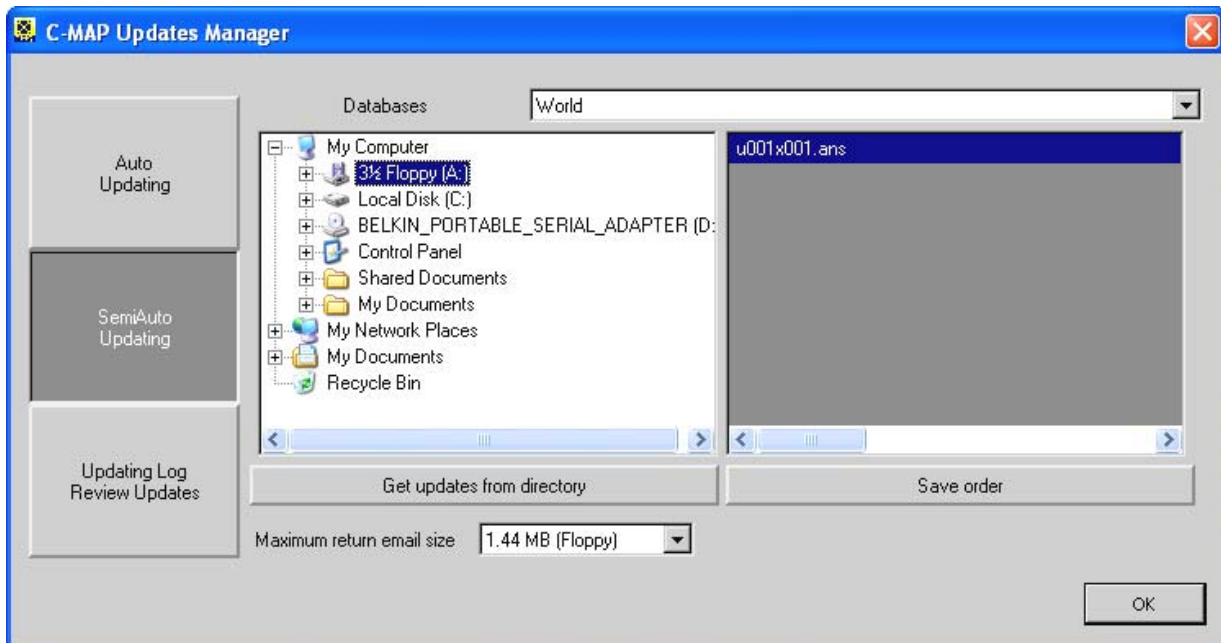
 Press 'Menu' → 0 → 6 → 2

 Press Alt+M → 0 → 6 → 2

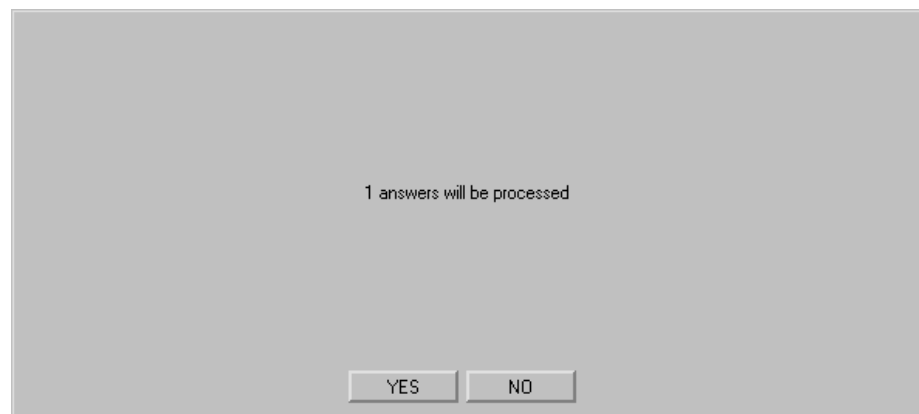
1. Select 'Update CM93/3 Database'



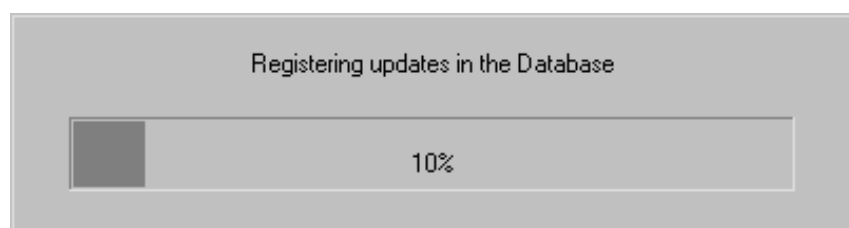
2. Select the Floppy drive (or location that you saved the C-Map *.ans update file to) the update file will be visible in the right panel of the C-Map Updates Manager window. Then click the 'Get updates from directory' button.



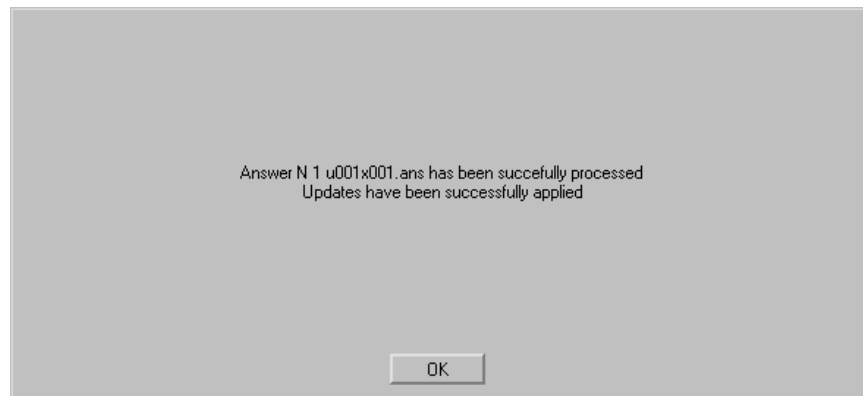
3. Click 'YES' to continue



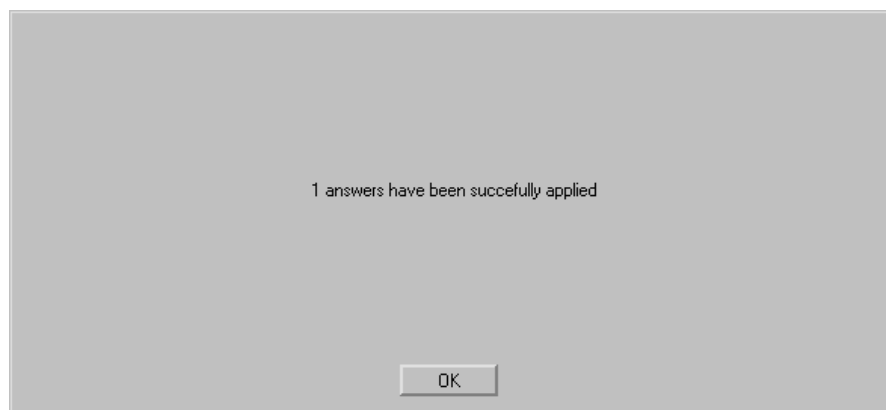
4. Updates are applied



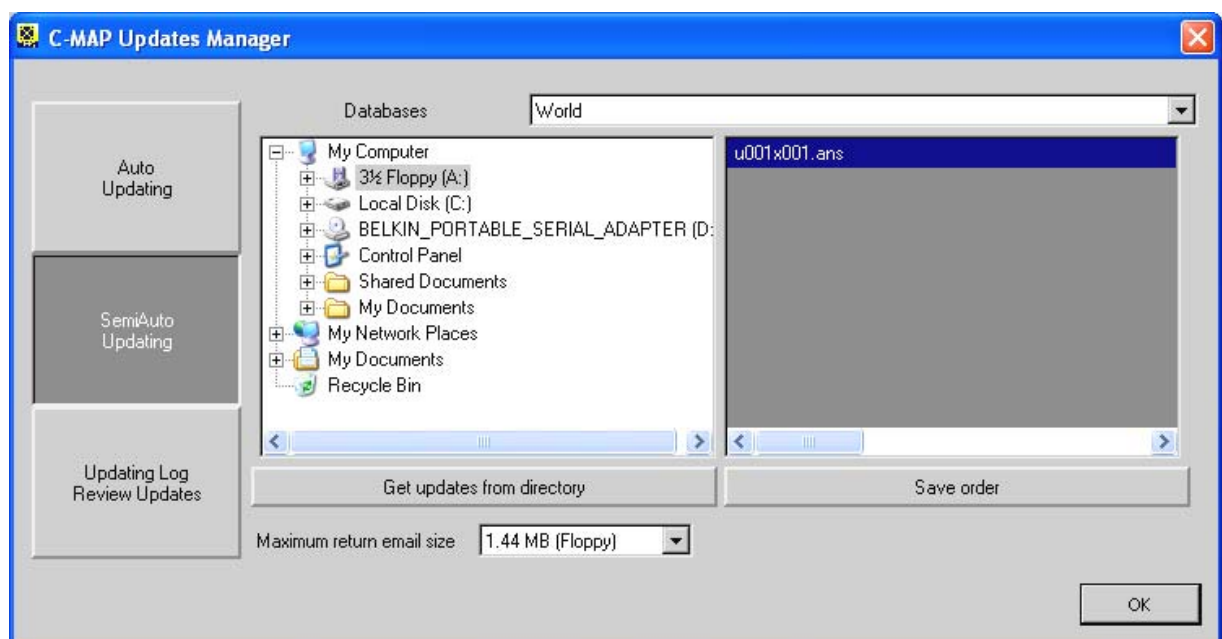
5. Confirmation of update is provided, click 'OK'



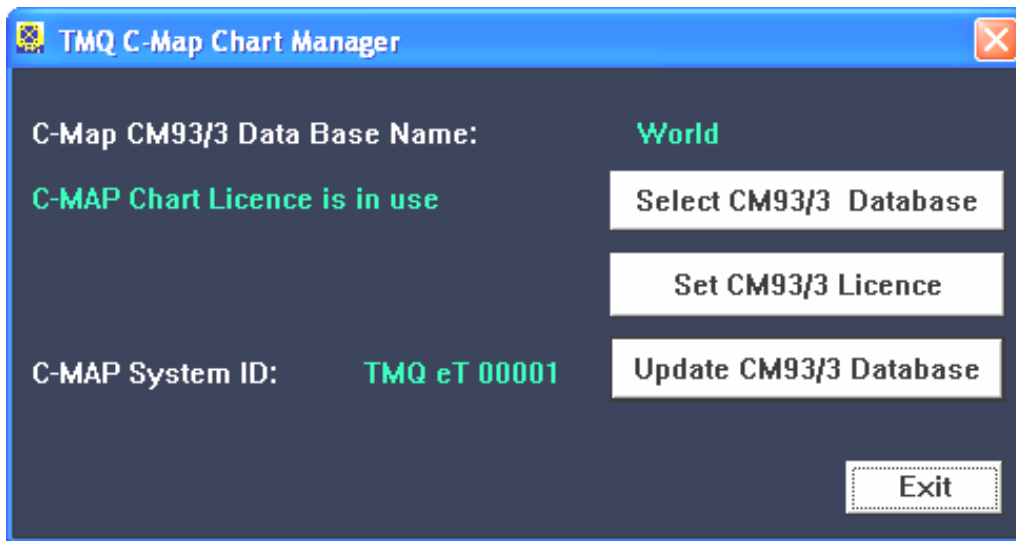
6. Check to see if update has been applied then Click 'OK'



7. Click 'OK' to exit the C-Map Updates Manager



8. Click 'Exit' to exit the TMQ C-Map Chart Manager.



Installation of the C-Map updates is now complete.

Installing TMQ Charts

TMQ Charts are stored on the C-Plot installation disc. TMQ Charts cannot be installed while C-Plot is running, in order to install TMQ Charts 'Exit' C-Plot first. To install TMQ Charts a PIN is required for the set of charts to be installed.

1. Insert the C-Plot Installation CD-ROM into the CD Drive and wait for the C-Plot Setup screen to be displayed.
2. On the C-Plot Setup screen, click the 'TMQ Charts' button. A 'TMQ Chart Installation' dialogue box will appear.
3. Choose the desired chart set from the list and click 'Do It'.
4. Enter the PIN for the selected set of charts into the data field provided on the 'Pin Checking' dialogue box and click 'OK'.
5. The selected set of charts will now be installed onto the computer's hard drive. Wait for the chart installation to finish.
6. Repeat steps 3 – 5 until all desired chart sets have been installed.
7. Click the 'Quit' button to return to the C-Plot Setup screen, and then click 'Quit' in the C-Plot Setup screen to complete the installation. C-Plot can now be started and TMQ Charts loaded.

Installing TMQ Charts

In order to install TMQ Charts, please ensure that C-Plot is closed (Exit)

Start Installing TMQ Charts

Insert the C-Plot Installation CD-ROM into the CD Drive and wait for the C-Plot Setup screen to be displayed.

On the C-Plot Setup screen, click the 'Install TMQ Charts' button. A 'TMQ Chart Installation' dialogue will appear.

Choose the desired chart set from the list and click 'Do It'.

Enter the PIN for the selected set of charts into the data field provided on the 'Pin Checking' dialogue box and click 'OK'.

The selected set of charts will now be installed onto the computer's hard drive. Wait for the chart installation to finish.

Do you wish to install another set of TMQ Charts?

No

Click the 'Quit' button to return to the C-Plot Setup screen, and then click 'Quit' in the C-Plot Setup screen to complete the installation. C-Plot can now be started and TMQ Charts loaded.

Installing TMQ charts is complete

