TECDIS Upgrade guide:

TECDIS 4.8.3

With the new TECDIS 4.8.3 upgrade your TECDIS can become compliant with the new IHO Performance Library 4.

1. Preparations

The following TECDIS units can be upgraded to TECDIS 4.8.3 at this time:

|  |  |  |
| --- | --- | --- |
| **Operating system** | **Model name**  | **Computer type** |
| Windows XP | **TECDIS 2138AA** and **TECDIS 2138DA** | Separate computer unit and monitors |
| Windows 7 | **TECDIS 2138BA** | Separate computer unit and monitors |
| **TECDIS 2424** | Integrated computer and monitor (all-in-one) |

Note that only one TECDIS should be upgraded at a time.

* 1. What you need
* The system has to be running **TECDIS 4.7.2.32**
* The **TECDIS483Update.zip** file, containing:
	+ TECDIS483Update.exe
	+ This upgrade guide
	+ The TECDIS Feature Guide for version 4.8.3
	+ The ECDIS certificate for TECDIS 4.8.3 *(keep this together with the certificate issued when TECDIS was installed on the vessel)*
* **Charts**
	+ Chart media
	+ Chart licenses **(including SuppFree-licenses!)**
	1. Updating TECDIS software to the latest version

To make sure your TECDIS upgrade is as predictable as possible, it is required that you upgrade to version 4.8.3 from version **4.7.2.32**.

![C:\Users\Ove\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\VOBSUA8F\MC900346317[1].wmf]()You can check what software version you are running by pressing **F4** on your TECDIS keyboard. This opens the **Chart Legend**, where the system ID and software version number is listed in the top row.

**If your version is anything other than 4.7.2.32, a combination of updates is required.** **Use the following examples to determine which are necessary:**

|  |  |  |
| --- | --- | --- |
| 4.6.xx | All TECDISes with version 4.**6**.xx need to be upgraded to version 4.7.2.32 | Contact support@telko.no |
| 4.7.1.xx | All TECDISes with version 4.**7.1**.xx need to be upgraded to version 4.7.2.32 | Use [TECDIS472Update.exe](http://telko.no/furuno/TECDIS472Update.exe)and [TECDISUpdate 4.7.x.32](http://telko.no/furuno/TECDISUpdate-4-7-x-32.exe) |
| 4.7.2.31 | All TECDISes with version 4.7.2.**31** and lower need to be upgraded to version 4.7.2.32 | Use [TECDISUpdate 4.7.x.32](http://telko.no/furuno/TECDISUpdate-4-7-x-32.exe) |

* 1. Charts and licenses

![C:\Users\Ove\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\VOBSUA8F\MC900346317[1].wmf]()Before the upgrade can be performed, you need to check what charts are installed and in use.

**This is because you need to uninstall your charts while performing this upgrade.** **This is required for all TECDIS units, regardless of chart provider!**

1. Find what charts are currently used by opening the menus in TECDIS.
2. There, select the **Setup** menu.
3. In the chart database field, make a note of which charts are in use:

|  |  |  |  |
| --- | --- | --- | --- |
| **Label in TECDIS** | **Product name** | **Chart provider** | **Chart media** |
| [S63-XX]*XX represents code of HO* | AVCS, Primar, etc | Navtor, ChartCo, Nautisk etc | USB dongle, DVD or network drive |
| [ENC],[ENC+] and [Professional+] | ENC, ENC+ and Professional+ | C-Map | Chart DVD |
| [S57] | S57 |  | USB dongle |

1. **The charts that are in use have a checkmark beside them.**
2. Now locate the chart media for the chart databases, and their chart licenses (cell permit for S63, password.usr file for C-Map). If you need to download C-Map Professional+, please read the **C-Map chart server guide** in the upgrade package for details on how to download and use.
3. Upgrading TECDIS to version 4.8.3
	1. Removing existing charts and licenses

**Do the following:**

1. Insert a TECDIS Service Key(or Navtor Navstick) in an available USB port in the TECDIS unit.
2. Wait until the text label Servicemode appears on screen.
3. Exit the TECDIS program.

|  |  |
| --- | --- |
| 1. Start **TECDIS Setup**.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\chart 1.png |
| 1. Go to the **Chart installation/Misc** tab.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\chart 2.png |
| 1. Press the **Start C-Map Chart Manager** button.
 |
| 1. A warning appears, press **Yes** to continue. The C-Map Chart Manager program starts.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\chart 3.png |
| 1. Select a database by clicking on the entry for it in *the Registered databases* table.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\chart 4.png |
| 1. Press the **Unregister database** button.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\chart 4.png |
| 1. A confirmation message appears. Press Yes. The database is now deleted.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\chart 5.png |

1. Repeat steps 7-8 for all chart databases, until the database list is blank.
2. **Close** C-Map Chart Manager and TECDIS Setup.
3. Continue to the next chapter.
	1. Running TECDIS483Update.exe

|  |  |
| --- | --- |
| 1. Locate TECDIS483Update.zip, and extract the files.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 0.png |
| 1. Locate the **TECDIS483Update.exe** file and double click it to start the program.

*If you get an error message, try “****run as administrator****”* | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 2.png |
| 1. The TECDIS 483 update program appears.

Press the **Next** button. | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 3.png |
| 1. Press the **Next** button to start the installation.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 4.png |
| 1. The update program automatically adds TECDIS system files.

**No user action required.** | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 5.png |
| 1. A confirmation that you want to update the C-Map system files appear.

Press the **OK** button. | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 6.png |
| 1. C-Map system files are now updated.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 7 - før varsel xp.png |
| 1. **This step appears only on Windows XP:**

This warning is to be ignored. Press the **Continue Anyway** button. | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 7 - varsel xp.png |
| 1. The first run of TECDIS483Update.exe is complete and a success. Press the **Finish** button.
 | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 8.png |
| 1. A restart is required before continuing.

Press the **OK** button. TECDIS will now restart. | S:\DOKUMENTASJON\100 Manualer\Arbeidsgrunnlag\TECDIS 4.8.3\install 9.png |
| 1. Perform steps 13-22 once more. **This is important!**
 |
| 1. When TECDIS483Update is finished for the second time, **the update to version 4.8.3 is complete. Your TECDIS is now compliant with IHO Presentation Library 4.0.**
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| 1. You can now **add charts and licenses.** Do this as instructed in the TECDIS User Manual you already have (or use the new TECDIS Reference Manual)

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| You can download C-Map Professional+ charts from a C-Map server if needed. Please read the **C-Map chart server guide** in the upgrade package for details on how to download and use. |

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| 1. Now you can check telko.no for further updates (TECDIS 4.8.3.1 or above)
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When charts and chart licenses are loaded, you are finished with the upgrade of TECDIS, and can restart the TECDIS computer (remove the service key first!) and verify that all functions are working properly.

We strongly advise you to read the TECDIS Feature Guide on the desktop of TECDIS for information on all new features and improvements.

1. Support & troubleshooting

For support on this release, please contact **Furuno Norway** on service@furuno.no. Further contact information is available on [furuno.no](http://www.furuno.no).

1. Document revision history

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| --- | --- | --- | --- |
| **Rev** | **Date** | **Changes** | **Performed by**  |
| 1.0 | 22nd Feb 2017 | * Initial release
 | Cato Haugland |
| 2.0 | 03rd March 2017 | * Updated point 14
 | CH |
| 3.0 | 17th March 2017 | * Updated chapter 1.1 and 1.2 with the requirement to be at version 4.7.2.32 before upgrading to the new version.
* Updated chapter 1.3 with a warning about the necessity to delete all charts, regardless of provider.
 | CH |
| 4.0 | 7th Sept 2017 | * Updated graphical appearance
* Added info on C-Map chart server guide for downloading C-Map charts.
 | CH |