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## **Adding S63 Chart Loading support to TECDIS upgraded from 4.6.0 to 4.7.1**

This document describes the steps needed to add S63 chart loading functionality to a TECDIS system initially delivered from Telko AS with TECDIS software version 4.6.0. The instructions cover both preparations on shore, and service execution on the vessel.

On completion of the upgrade procedure from version 4.6.0 to version 4.7.1 of TECDIS, the software for loading S63 charts will be present on the system, but it will not function until the proper license modifications have taken place.

The upgrade procedure description starts on the next page.

### ***Determining the TECDIS System ID number***

The System ID number for each TECDIS unit is required for the on shore preparations for the software update. This number can be determined in one of three ways:

#### **A. Physical Inspection**

1. Inspect the label connected to the USB license dongle attached on the rear side of the TECDIS processor. The System ID is noted on this label.

#### **B. Using TECDIS Setup**

1. Insert the TECDIS Service Key in the TECDIS processor.
2. In the TECDIS main display, exit the TECDIS software by pressing the icon in the upper left corner of the display. Press 'YES' to confirm.
3. Start TECDIS Setup by clicking the TECDIS Setup shortcut on the desktop.
4. Select the 'Licensing' folder.
5. The System ID is displayed in the lower half of the TECDIS Setup window (C-Map License area).

#### **C. Using TECDIS**

1. Follow the procedure for determining the full TECDIS software version number, and note the five digits immediately following the '#' sign in the 'TECDIS Software' entry in the chart legend. Appending this number to the text 'Telko eT' constitutes the full System ID.



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## UPDATE PROCEDURE

### *Preparation on shore*

1. Obtain the System ID numbers for all TECDIS units on the vessel by following one of the procedures outlined for this above.
2. Obtain **S63 license addition custom executables** for each TECDIS unit from Telko AS ([support@telko.no](mailto:support@telko.no)) or Furuno Norway. Include the System ID numbers for all TECDIS units that are to be upgraded in the request.

These executables will have filenames in the following format:

**eT12345-eTAddS63.exe**

where 12345 will be replaced with the System ID number the executable is intended for.

*NOTE: These custom executables cannot be delivered from Telko AS until a minimum of one full working day has passed after receipt by Telko AS of the request.*

3. Obtain **S57 license codes** for each TECDIS unit from Jeppesen Marine, Furuno Norway or Telko AS ([support@telko.no](mailto:support@telko.no)). . Include the System ID numbers for all TECDIS units that are to be upgraded in the request.

These licenses will be received as files with the filename: **password.usr**

The System ID each file is intended for can be determined by inspecting the email the file was delivered with, or by inspection of the file in a text editor.

It is advisable to rename this file to reflect the System ID the file is intended for.

Example: **S57-eT12345.usr**

Note that these files may have been renamed prior to delivery to indicate System ID in the filename, such as:

**S57-eT12345.usr**

4. Place the **S63 license addition custom executables** (from Step 2) and the **S57 license codes** (from Step 3) on a memory stick.
5. Download **S63-Loader-Fix.exe** from <http://www.telko.no/site/support/tecdis> and place it on a memory stick. Direct Link:  
<http://www.telko.no/furuno/S63-Loader-Fix.exe>
6. Download **S63 Chart Loader Manual** from <http://www.telko.no/site/support/tecdis> and place it on a memory stick. Optionally print a copy of this manual for your own reference and/or to be left on the vessel as reference for the TECDIS operators.

Direct Link:

[http://www.telko.no/furuno/S63%20Loader%20Manual%20EN%20rev%201\\_3.pdf](http://www.telko.no/furuno/S63%20Loader%20Manual%20EN%20rev%201_3.pdf)



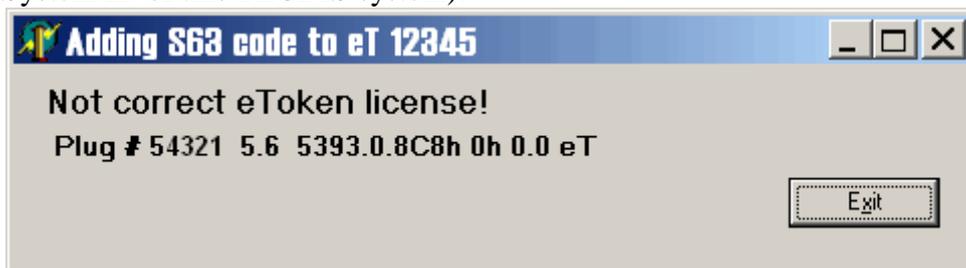
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## Installation of the update

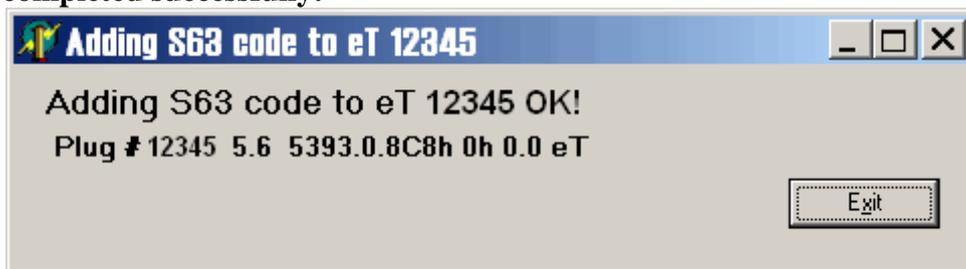
- If the TECDIS software is running, insert the TECDIS Service Key and exit the TECDIS software (by pressing the toolbar button in the upper left corner of the display). Leave the TECDIS Service Key inserted.
- Insert the memory stick containing the **S63 license addition custom executables** (from Step 2), the **S57 license codes** (from Step 3).
- Copy the **S63 license addition custom executable** matching the System ID of the TECDIS system being upgraded to the directory:  
C:\Program Files\TECDIS\
- Run the **S63 license addition custom executable** (example: eT12345-eTAddS63.exe) from the location C:\Program Files\TECDIS\



If an error message is reported as the following screenshot, the wrong S63 license addition custom executable has been used (this message will also inform you of the System ID of this TECDIS system):



If the message 'Adding S63 code to eT 12345 OK!' is shown, this step has been completed successfully:



- Press 'Exit' to close the S63 license addition custom executable.



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11. Close all open file explorer windows ('My Computer', etc.).
12. Start TECDIS Setup.
13. Select the 'Licensing' folder.
14. In the 'Databases' field in the upper right corner of the lower half of the window, select 'Software Modules'.
15. Press the button 'Add License From File'.  
  
If a question is shown to the right of this button with 'YES', 'NO', 'Cancel' prompts, answer 'NO'.
16. Using the directory browser now shown, select the memory stick containing the S57 license codes and select the directory where these .usr files are located.  
  
The .usr files should now be shown to the right of the directory list.
17. Select the .usr file matching the System ID of the current TECDIS system and press 'OK'.
18. If a message asking for confirmation of the selected file is shown, press 'YES'.
19. If the S57 license code addition is successful, the message 'Licensing Completed' is shown. Press 'Close'.
20. Close TECDIS Setup and any other open windows. Remove the memory stick containing the S57 licenses and S63 license addition custom executables.
21. Verify successful upgrade procedure by starting 'S-63 Chart Loader' from the desktop. If this program starts up without any error messages, the upgrade procedure is successful. Refer to the S63 chart loader manual for guidance if error messages are shown.
22. Insert the memory stick containing the file **S63-Loader-Fix.exe**, run this program and follow the on screen instructions until completed.
23. Exit S-63 Chart Loader, remove the TECDIS Service Key and restart the system. The system will return to normal TECDIS mode in a few minutes.
24. Provide the operators of the system with a copy of 'S-63 Chart Loader Manual', either in electronic or paper form.



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## Document Revision History

Revision	Date	Changes
01	24.06.2010	Initial release.
02	07.04.2011	Link to S63 Loader manual updated to revision 1.3
03	20.03.2012	Added instructions for S63-Loader-Fix.exe (new steps 5 and 22).