



S63 Chart Management

By Bill Bergman

Managing your S63 data files is now much more user-friendly. We have redesigned the user interface to be more logical, and improved the software so fewer steps are required to get the data to the screen. The new manager also addresses the past problem of not supporting manufacturer's chart updates.

INSTALLING S63 CHARTS

The new manager is based on chart permits. After all, either one is permitted to use a particular file or not. When starting the S63 Manager, you will see a list of installed permits and a status code. It is a two step process to install S63 charts for HYPACK® to use:

1. The first is to **inform the manager about your permits**. Your vendor will have sent you a permit listing for the files you have purchased. Select File, Add Permits..., and navigate to this file to install your permits.
2. The second step is to **install or update the Chart data itself**.
 - a. **Click [Install S63 Files]** or select its corresponding menu item. This opens a select directory dialog.
 - b. **Navigate to the root directory of the data files the vendor has sent you.** The manager searches this directory and its sub-directories for files matching your permits. These files are installed into the HYPACK® S63 folder. Use this step both for installing the initial release of data as well as any updates received from your vendor.

STATUS CODES

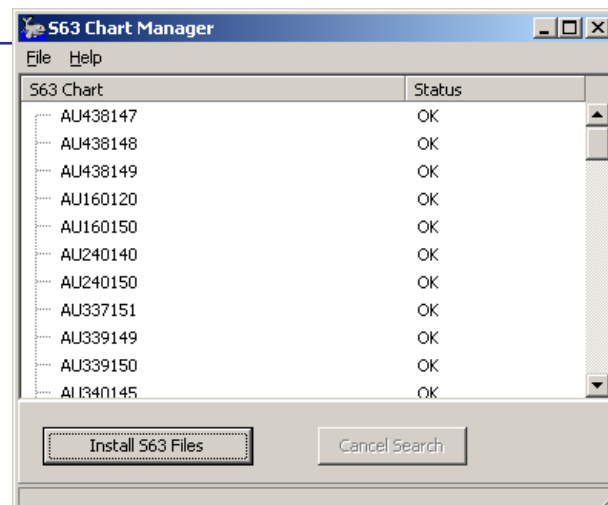
- If all went well you see '**OK**' displayed in the Status column for your chart. This means the chart can be added successfully to any project.

FIGURE 1. S63 Manager

To add a chart to your project, right-click on the background folder in your Project Items listing, and select the Add S63 files option. A convenient listing of your charts is presented.

- A status code of **Not Installed** is seen between the time you load a permit but before you install the chart itself.
- If you see the code **Permit Error**, it means there is a problem being reported by the decryption engine.

There are four pieces of information that must be synchronized to decrypt an S63 chart: the IHO certificate file, license data on your key, the permit file and the encrypted chart itself. The IHO certificate file should



never fail as it is installed and used automatically by the software. The permit file and chart should be fine if coming from the vendor. That leaves the hardware key. The Permit Error code should only show if you are using the S63 Manager without an attached key or the key is not valid for your vendor-supplied charts. Any other reason should prompt a call to our technical support department.

UNINSTALLING S63 CHARTS

No manager would be complete without a way to remove installed data.

In the S63 Manager, simply select one or more permit files and use the FILE- REMOVE SELECTIONS menu item. This both removes the installed files from your S63 directory and the permit as well. Use the 2 step process detailed above if you would like to reinstall the data.

The updated S63 Manager is available in coRTL.dll versions 14.0.0.38 and later. You may check our website for updates.