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Sounding Better!

NOAA Weather Driver

By Bob Glover

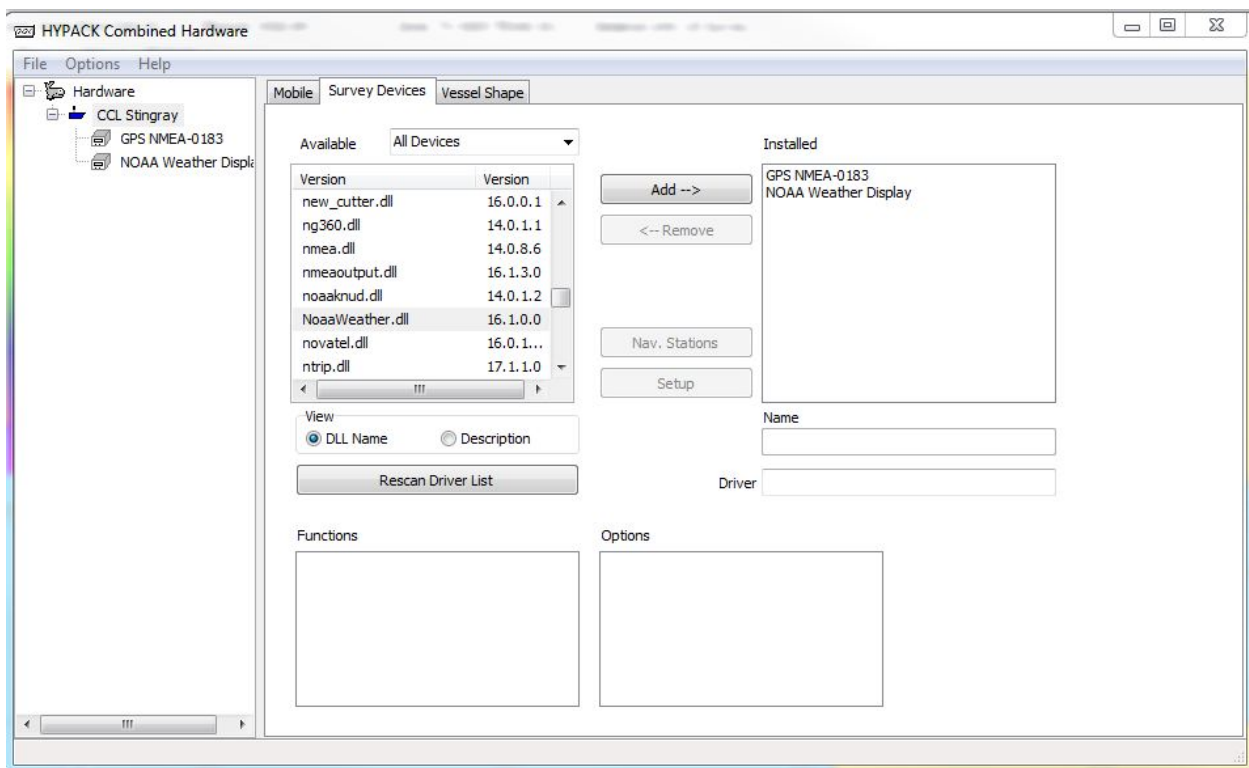
For those that are interested in keeping an eye on the weather while surveying or dredging, HYPACK has a driver for just that. The NOAAweather.dll can certainly come in handy. This driver connects to the weather.gov website and pull in the nearest weather station to your survey area.

This driver needs two items: (1) You must have an Internet connection on the survey computer. (2) You must have active real-time positioning. You cannot test the NOAAweather.dll in the Hardware Test; you will not see any data.

NOAAWEATHER HARDWARE CONFIGURATION

Let's look at the setup in HYPACK® HARDWARE.

FIGURE 1. *Configuring the NOAAWeather Driver in HARDWARE*



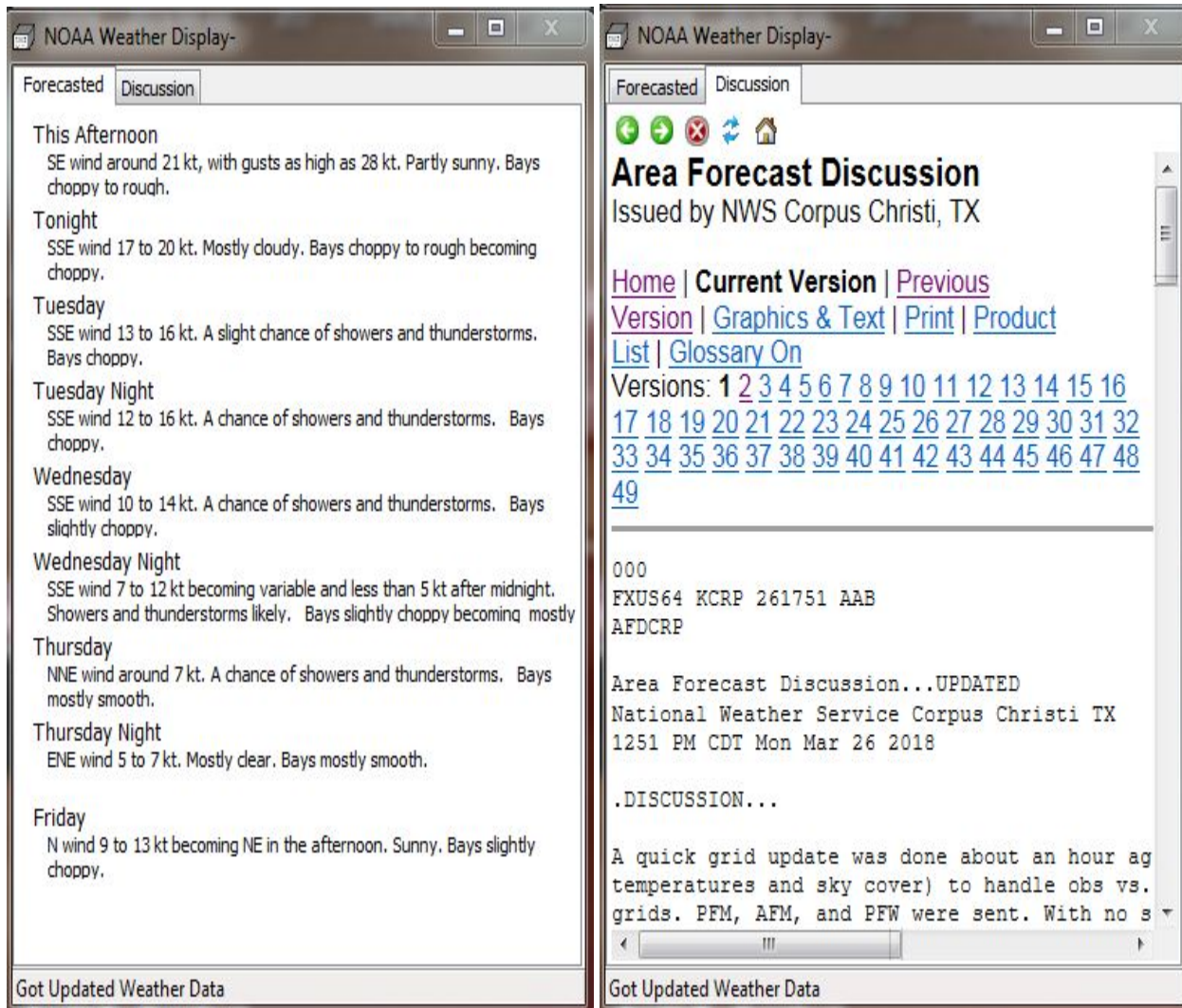
Select the NoaaWeather.dll from the list of available drivers and add it to the installed list, that's really about all you need to do. There are no parameters to configure after that. You are good to go and pull in the weather from you area.

NOAAWEATHER IN SURVEY

Let's look at SURVEY to see what we are getting.

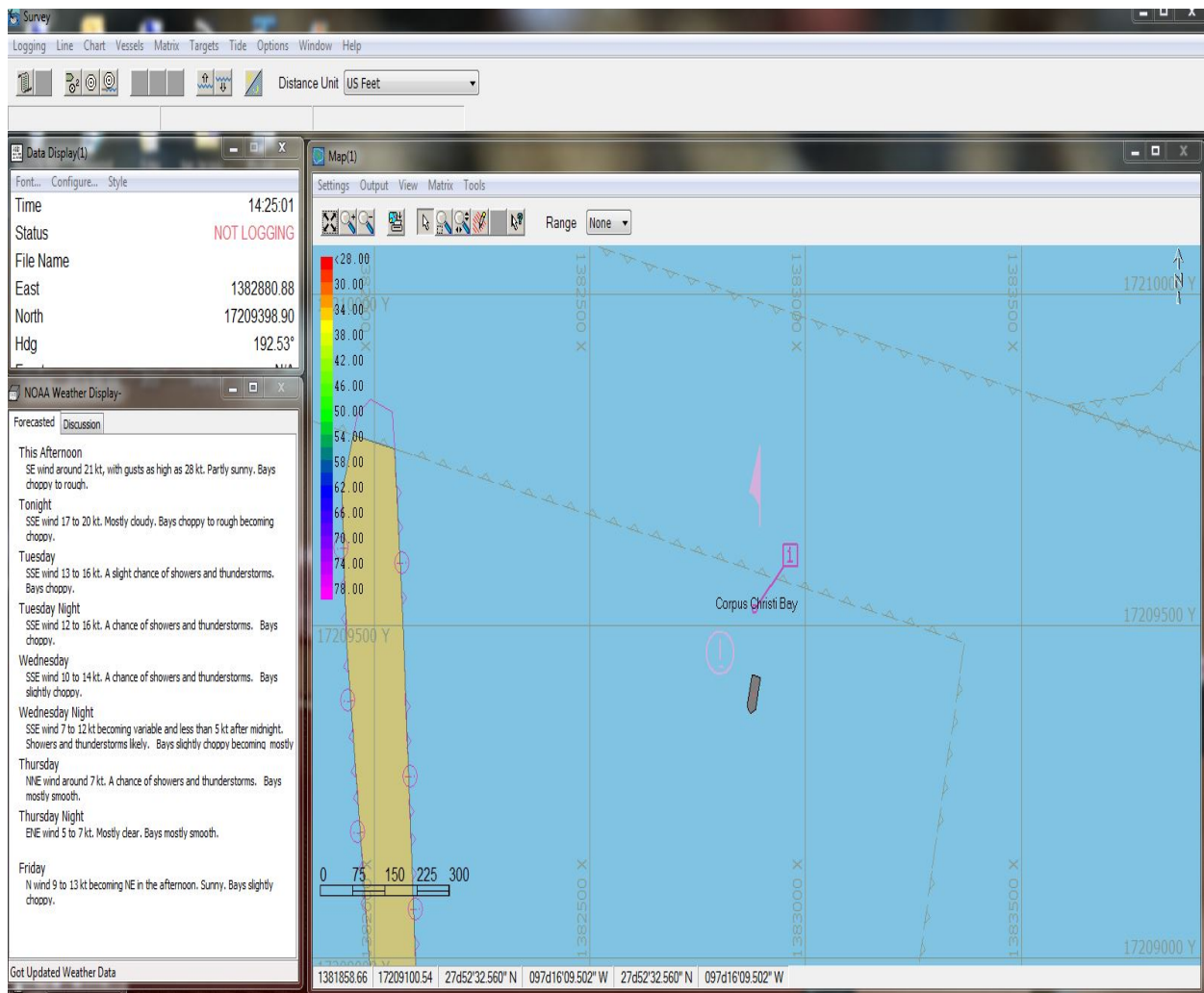
When the driver opens in SURVEY, you will see two or three tabs across the top of the window. If there are live stations close enough to your location based on your positioning, you will get a Current broadcast of conditions along with a Forecast tab and also a Discussion tab. In Figure 2, we did not have a station that was broadcasting current conditions, so we have only Forecast and Discussion tabs.

FIGURE 2. Sample NOAAWeather Device Window—Forecast and Discussion Tabs



In Figure 3, we can see the driver real time while in SURVEY.

FIGURE 3. Real-time SURVEY Display



Should you have any questions, please feel free to email help@hypack.com for further details.