



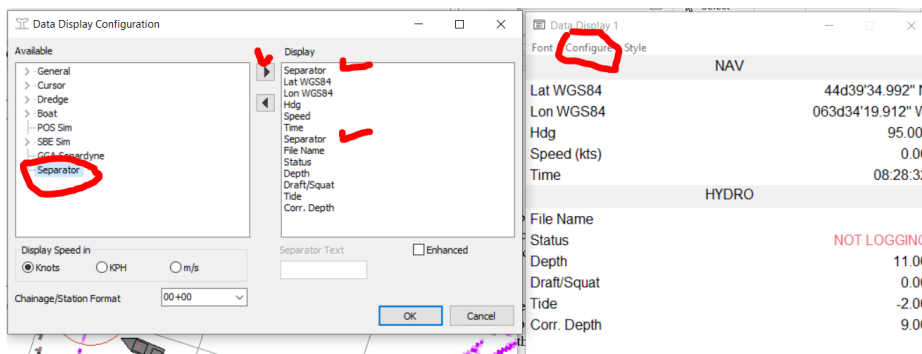
Hints for the Data Display Window

By Ivan Izaak

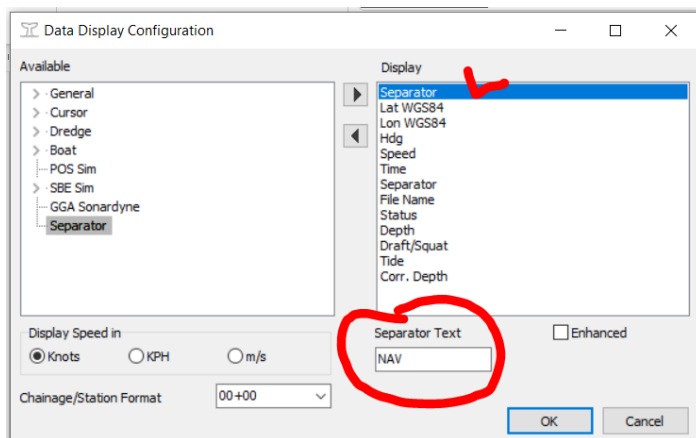
Most surveyors use the Data Display window to view digital information about their survey or dredge operations. Here, I would like to show some small hints on how to make the Data Display window better, and how to display things that may improve your experience during data acquisition.

1. SEPARATORS

You can add Separators to your Data Display window to distinguish between different types of information shown. For example, you want to see navigation information (boat speed, coordinates, heading, etc.) and all fields related to the sonar data separately. So, go ahead and click the CONFIGURE button and add a Separator item, then arrange the Separator items where you want them to be:

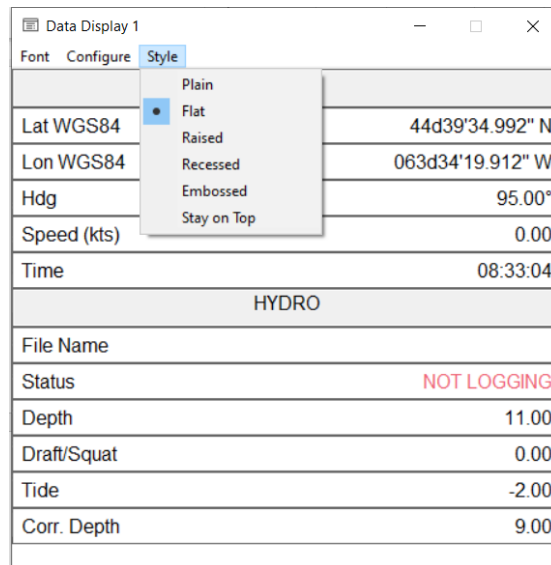


Click on each Separator in the Display section on the right, and enter the text you want the Separator to be labeled as in the Data Display window. In my example, I've clicked the top Separator and entered "NAV" in the Separator text field:



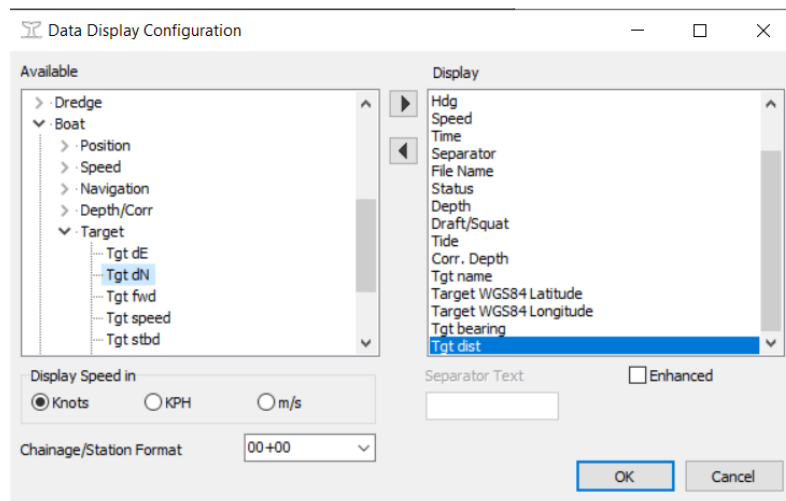
2. STYLE

It is quite useful to have the elements of the display underlined. Go to the Style menu and pick the one you like most. I like the Flat one as shown below.



3. ITEMS TO DISPLAY

The Data Display has a large variety of items for you to pick from. I won't explain all of them here as there are too many to cover in a short article. However, one of your options is to add the target's information to the Data Display and see how far is your active target is from the boat (Tgt dist), what the bearing to this target is (Tgt bearing), etc.

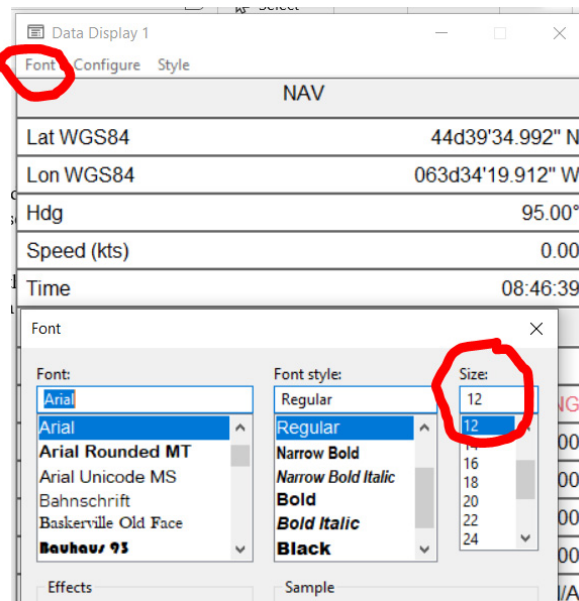


For dredgers, it may be handy to see the estimated volume that has been dredged during the current shift, and from the beginning of the project. Well, remember it is just an estimation based on the predredge survey matrix and the current depth of your cutting tool.

The most frequently asked questions about available items are the following: DBL stands for the distance to the beginning of the line. DEL, the distance to the end of the line. These items are under the Boat -> Navigation section.

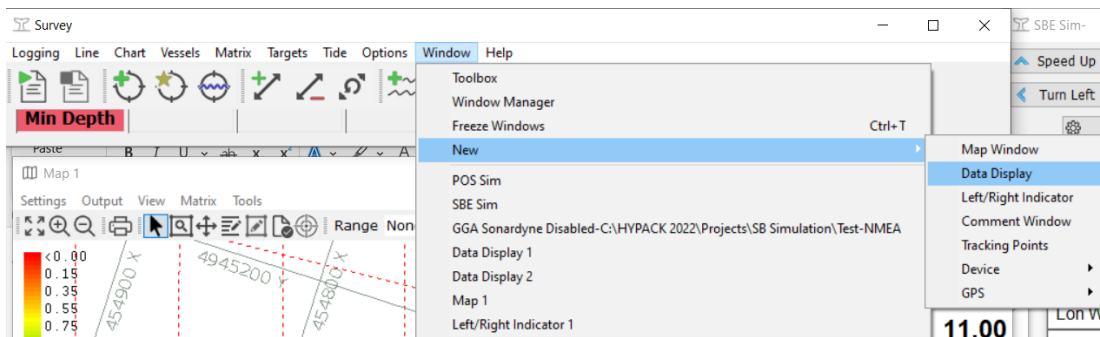
4. DISPLAY FONT

Is the data hard to read? Change the font!

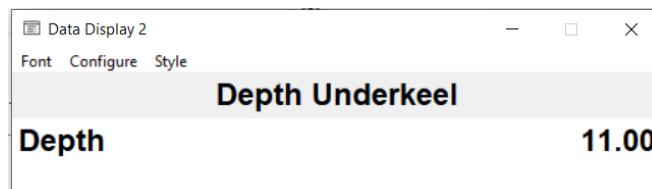


5. ADDITIONAL DATA DISPLAY WINDOWS

Sometimes, it can be difficult to see all useful data in a single window. Add the new Data Display windows from the Window -> New -> Data Display menu.

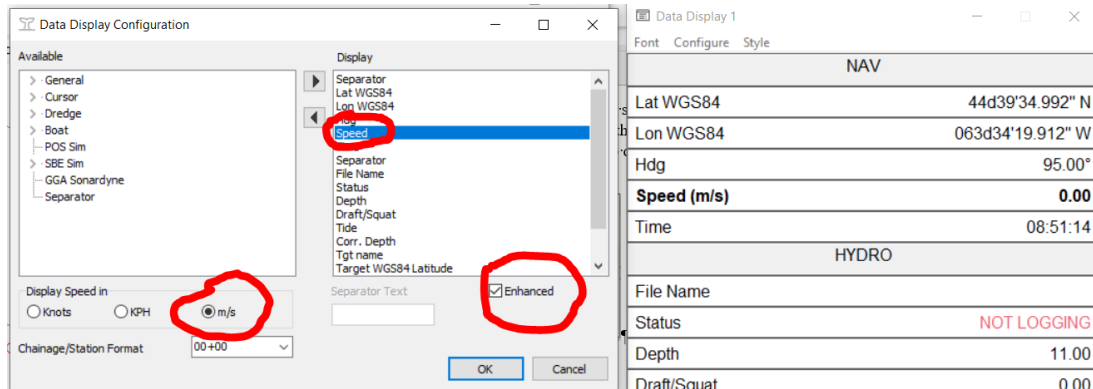


You may keep up to eight new Data Display windows. For example, you want to see how deep it is beneath the keel? Add a new Data Display window, add just the Depth information from the Boat -> Depth menu, and then increase its font. Also, you can add a Separator and enter the text to describe the window. In the below window, the Separator is named Depth Underkeel.



6. STRESS SOME ELEMENTS OF THE DISPLAY

You may want to see some items, like boat speed for example. Go into Configuration, pick the item in the Display section to the right, and check the “Enhanced” option. For the speed, you may also choose knots or meters per second.



These are but a few hints for you about the Data Display. I will be happy to tell more if you are interested!