



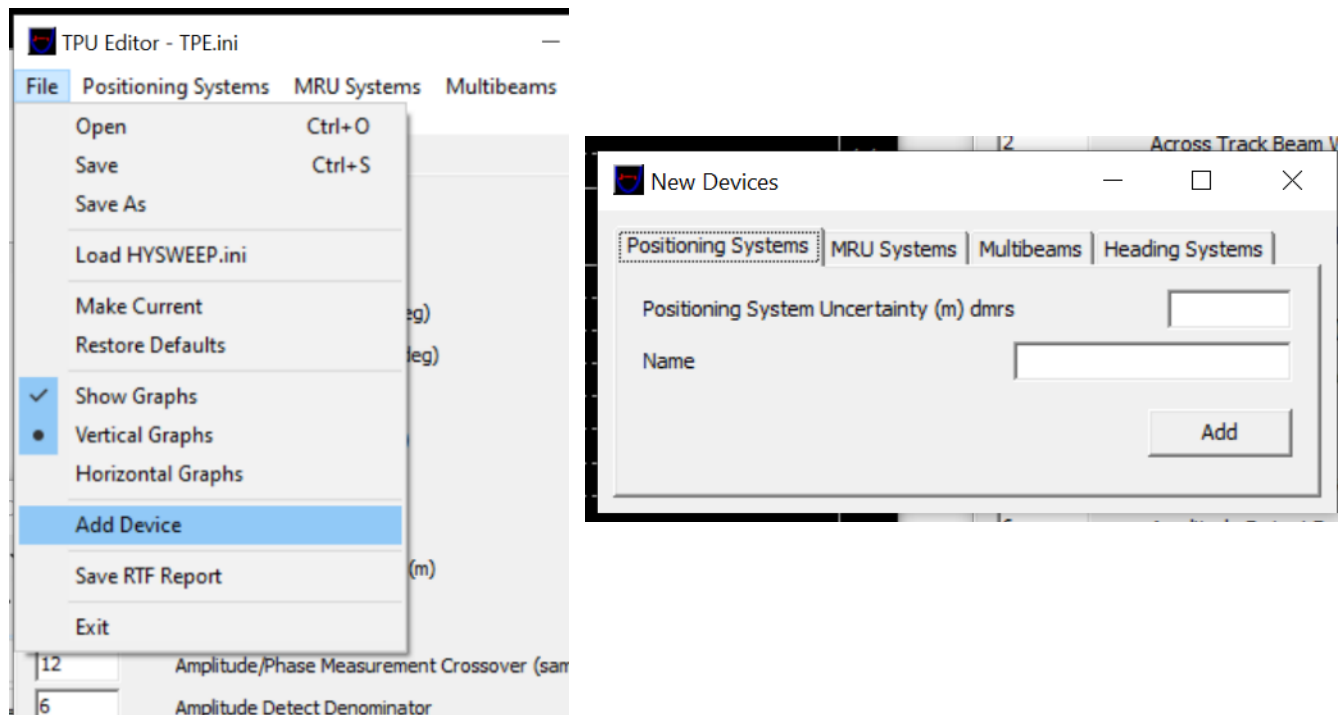
Custom Devices and Standards in the TPU Editor

By Jocelyn Kane

With all the devices that exist, it is hard to include every single one a customer may use. The TPU Editor has had a handful of commonly used devices incorporated into it for a while, and sometimes a new one is added when there is enough demand, but we wanted to remove this limitation and make it so more people could take advantage of this tool. Customers can now add their own custom devices to the editor to accurately calculate the TPU for any setup they may have. Then, we went one step further and made it so you can add custom standards as well.

Adding custom devices and standards is similar but there are slight differences between the two, so I will go through explaining them individually starting with the devices.

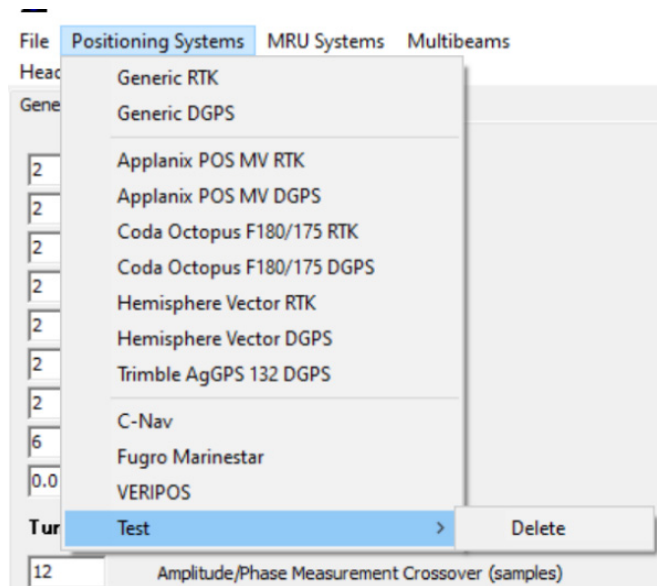
ADDING A CUSTOM DEVICE



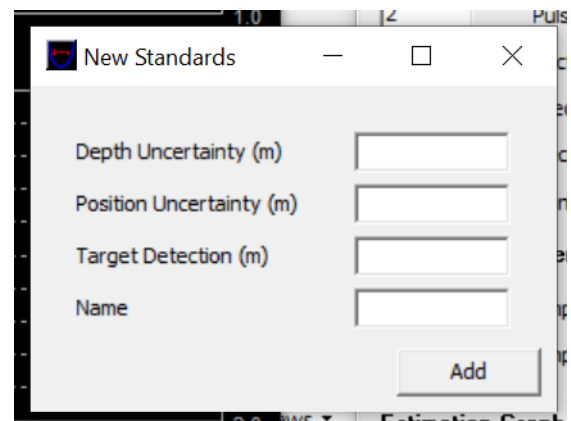
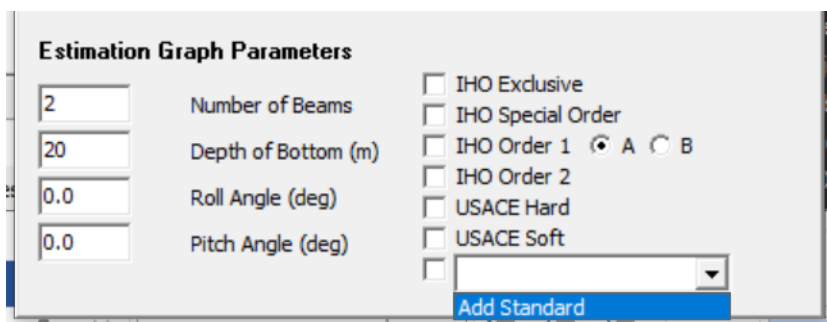
Once you are in the editor, navigate to File -> Add Device and the New Devices dialog will open containing four tabs, one for each type of device that you can add: Position, MRU, Multibeam, and Heading. The tabs have spaces to enter all of the values relevant to the device and once they are filled out click [Add]. After, input the values for another device of the

same type or switch to another tab to add a different one. Close the window when you are finished.

All of your custom devices will now be included in the options under their respective category in the main menu, and can be selected to use as you would any other device. If you need to add more devices at any time, you can reopen the New Device form, but there is a limit of five custom devices of each type. If you reach this limit, you can navigate in the main menu to a device you no longer want, select it to open its submenu, and click Delete. A message box will appear to confirm your choice first, but then you can continue adding and removing devices as you need.

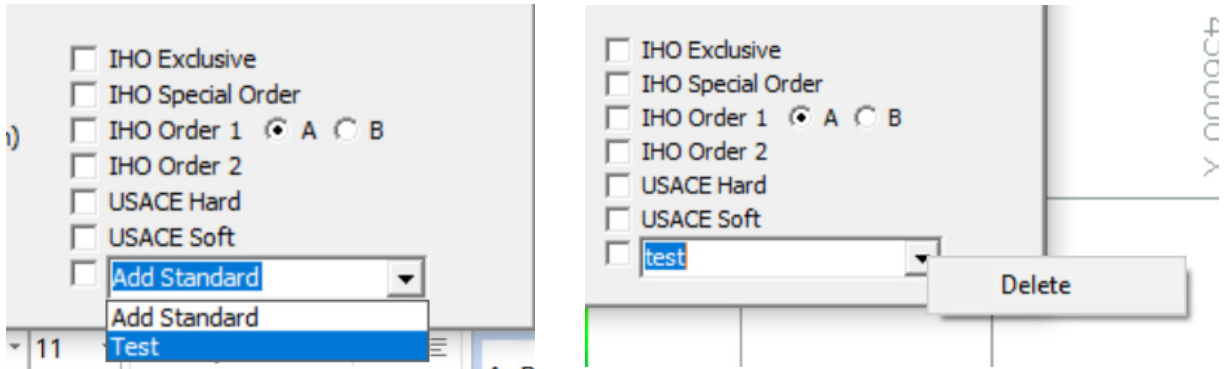


ADDING A CUSTOM STANDARD



The process of adding a custom standard begins at the bottom of the TPU Editor, under the list of check boxes for different standards in the Estimation Graph Parameters section. The last item is a combo box that when opened shows the Add Standard option, which you select to open the New Standards form. Enter the values you need and then click [Add] just as you did to add a custom device. Now, when you close the window, your standards will appear in the combo box's dropdown list. Select the one you would like to use and then click the checkbox next to it to see it on the graphs. Additionally, the same five custom standards limit

applies, so when you want to delete a standard, right click on it and select Delete from the popup menu.



Finally, when you are finished using the TPU Editor, click File -> Save to save all of your current custom devices and standards to the file TPECustomDevs.ini located in the HYPACK Store folder. They will automatically be loaded the next time you open the editor, and this way the file can be used in any program.