



Simulating HYPACK® SURVEY – Simply!

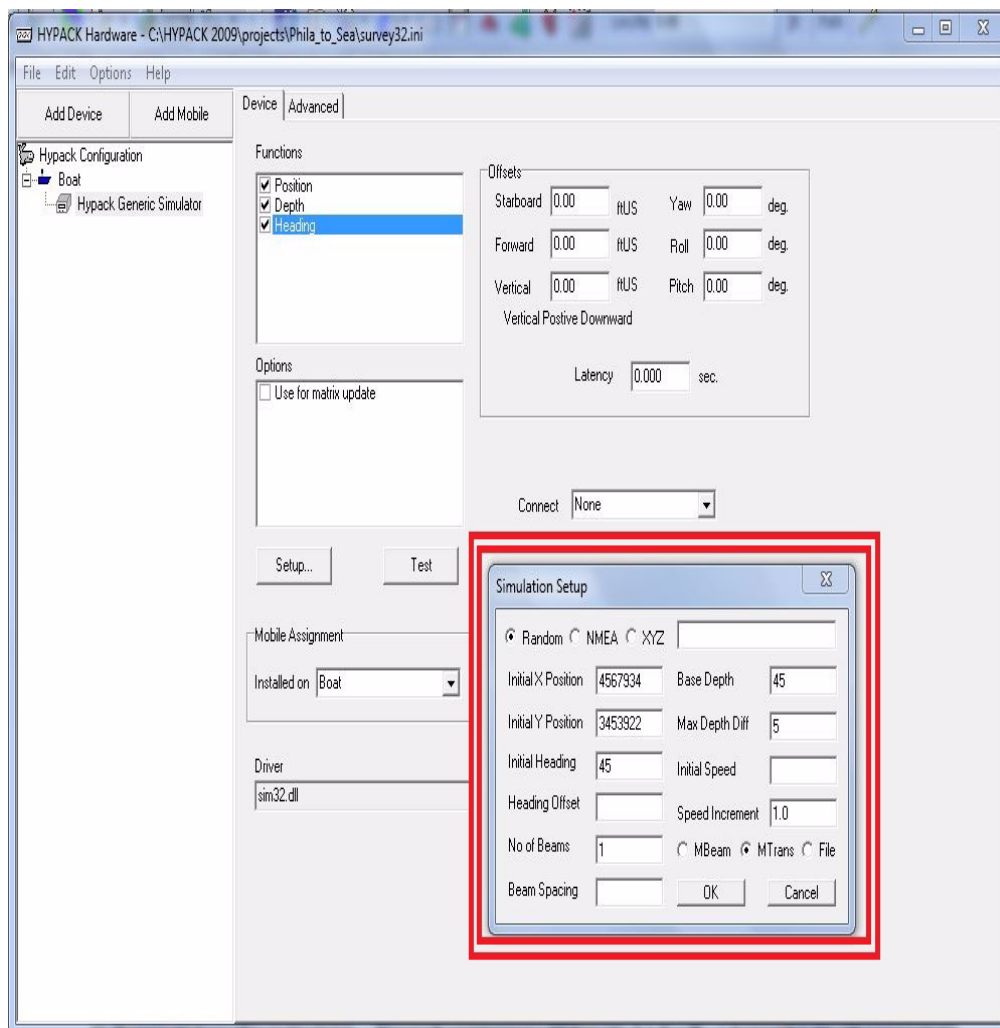
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A great way to learn the HYPACK® SURVEY program is to simulate it! This can be easily done and requires just a few steps. Before long you will be able to navigate a vessel around the SURVEY program, arrange your windows and see how your background files, matrix files, channel templates etc...will look when you actually hit the water to do your survey or dredge project.

The SURVEY simulation is done using the sim32 device driver. In the driver setup for the sim32.dll it is helpful to have a known XY position in your project area for your vessel to start.

1. **Make a new HARDWARE configuration with only the sim32.dll.**
2. **Enter the coordinates of the vessel start position along with your initial heading and depth information** to get your vessel functioning as a position, depth and heading device.

FIGURE 1. Configuring the Sim32.dll in HYPACK® HARDWARE



Once you are in the SURVEY or DREDGEPACK® program you can navigate your vessel using the speed and turn controls in the Sim32.dll window. You can also access and modify your simulation parameters through the Setup button.

FIGURE 2. Sample DREDGEPACK® Simulation

