



Bucket Dredge Support – Positioning a Plow/Drag Barge

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In support of Clamshell dredge operations, many contractors employ a method to smooth the bottom after the first pass of a clamshell dredge over the required dredge area. Because of the nature of clamshell dredging and certain digging plans, it is sometimes helpful and cheaper to drag a bar over the bottom at grade to smooth high spots into deeper holes in the dredge area. To set this up in HYPACK® HARDWARE and monitor in HYPACK® SURVEY or DREDGEPAK® is pretty straight forward.

FIGURE 1.

Boat Mobile:

- **GPS.dll** - GPS with Heading

Bar/Barge Mobile:

- **Sim32.dll** – Simulator Depth – Set depth to Grade
- **Genoffset.dll** – Offset position from GPS to center of Bar
- **Vulcan.dll** – Span multiple Matrix Cells. Define size of bar

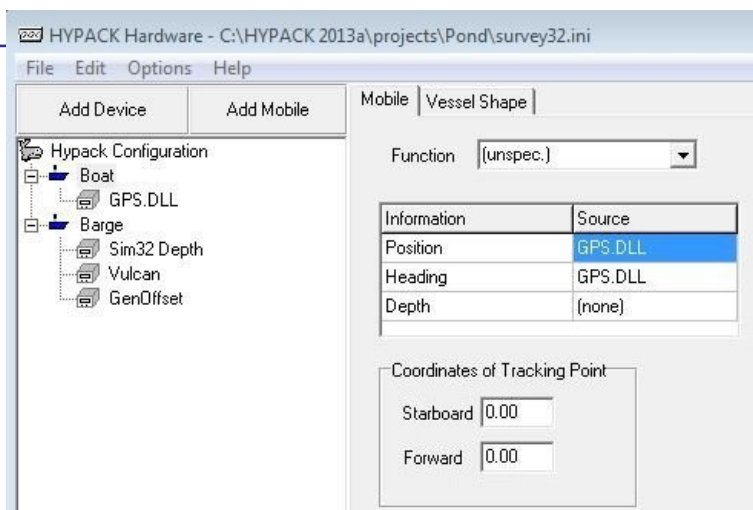


FIGURE 2. At Work in DREDGEPAK®

