Exporting Hardware Offsets to PDF

By Andrew Clos

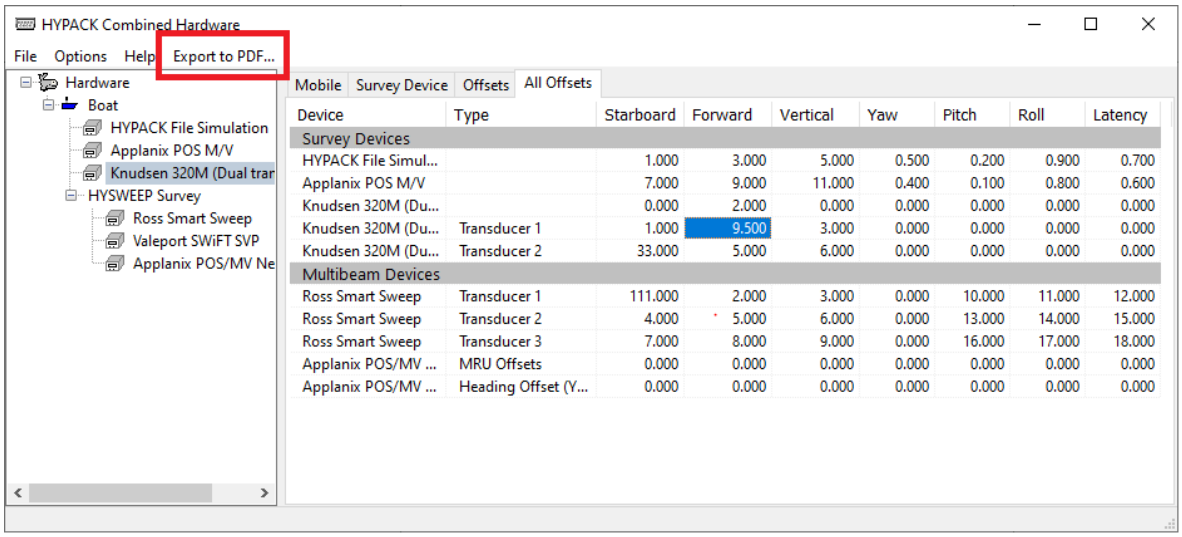
Hello Fellow HYPACK Users,

A new feature has been added to the HYPACK Hardware program that will allow you to export your vessel offsets to a PDF file. This feature gives the user a quick way to save and view their vessel offsets in a format that is easy to read and include in reports.

Accessing the Offset Print Function

Open HYPACK 2024 and enter the Hardware program by selecting the “computer chip” button near the top of the main window. You can also open the Hardware program by clicking Preparation -> Hardware Setup. Select the “All Offsets” tab and an “Export to PDF” option will appear next to the “Help” button (Figure 1). Select this option to open a save dialog for you to name the PDF file that will be generated.

Figure 1. The Export to PDF Option Becomes Available When Viewing the “All Offsets” Tab



The Generated PDF Report

The default location for the saved report is the root of the HYPACK project directory. The report header will contain the name of the project, in this case “Approaches to Savannah, VSL-2703.” Figure 2 shows how the PDF report will appear.

Figure 2. The PDF Generated by the All Offset Tab's Print to PDF Function

Approaches to Savannah, VSL-2703, Device Offsets

Device	Type	Starboard	Forward	Vertical	Yaw	Pitch	Roll	Latency
Survey Devices								
HYPACK File Simulation		1.000 (f)	3.000 (f)	5.000 (f)	0.500 (deg)	0.200 (deg)	0.900 (deg)	0.700 (sec)
Applanix POS M/V		7.000 (f)	9.000 (f)	11.000 (f)	0.400 (deg)	0.100 (deg)	0.800 (deg)	0.600 (sec)
Knudsen 320M (Dual transducer)		0.000 (f)	2.000 (f)	0.000 (f)	0.000 (deg)	0.000 (deg)	0.000 (deg)	0.000 (sec)
Knudsen 320M (Dual transducer)	Transducer 1	1.000 (f)	9.500 (f)	3.000 (f)	0.000 (deg)	0.000 (deg)	0.000 (deg)	0.000 (sec)
Knudsen 320M (Dual transducer)	Transducer 2	33.000 (f)	5.000 (f)	6.000 (f)	0.000 (deg)	0.000 (deg)	0.000 (deg)	0.000 (sec)
Multibeam Devices								
Ross Smart Sweep	Transducer 1	111.000 (f)	2.000 (f)	3.000 (f)	0.000 (deg)	10.000 (deg)	11.000 (deg)	12.000 (sec)
Ross Smart Sweep	Transducer 2	4.000 (f)	5.000 (f)	6.000 (f)	0.000 (deg)	13.000 (deg)	14.000 (deg)	15.000 (sec)
Ross Smart Sweep	Transducer 3	7.000 (f)	8.000 (f)	9.000 (f)	0.000 (deg)	16.000 (deg)	17.000 (deg)	18.000 (sec)
Applanix POS/MV Network	MRU Offsets	0.000 (f)	0.000 (f)	0.000 (f)	0.000 (deg)	0.000 (deg)	0.000 (deg)	0.000 (sec)
Applanix POS/MV Network	Heading Offset (Yaw)	0.000 (f)	0.000 (f)	0.000 (f)	0.000 (deg)	0.000 (deg)	0.000 (deg)	0.000 (sec)

THANK YOU

I hope you enjoy this new tool that will make viewing and exporting offsets from the HYPACK Hardware program a bit easier.

Thank you,

Andrew Clos