



Alert for HYSWEEP / Seabat Users

By Mike Kalmbach

Reson has changed their 7K datagram format. (Datagrams are the message sent out over the network.) This came to my attention when trying to use Seabat FP 4 (Feature Pack 4) with a 7125. Things didn't go well. HYSWEEP immediately crashed with an error message: "atan2: Domain Error".

So we've updated our driver to read datagram formats before and after FP 4. The update is posted for download on HYPACK.COM as HYSWEEP version 14.0.4.

Incompatibility between versions can get confusing! The table shows what can be expected when mixing HYSWEEP and Seabat FP versions.

Seabat 7K Datagram Version	HYSWEEP Version	Result
1	< 14.0.4	OK
1	14.0.4 and after	OK
2 FP3	< 14.0.4	OK
2 FP3	14.0.4 and after	OK
2 FP4	< 14.0.4	Immediate HYSWEEP® survey crash
2 FP4	14.0.4 and after	OK

It's helpful that HYSWEEP 14.0.4 will work with HYPACK 2013 and 2013A. Unfortunately, users of HYPACK 2012 and earlier will not benefit from the download. They will need a full HYPACK update to use Seabat FP 4.