



frequently asked questions

Hydra and Hercules Depth

"I'm getting random depth readings that do not correspond to the actual depth"

Things to check for:

Material on the face of the transducer

This may be marine growth or simply an accumulation of antifouling paint over the years. One or two thin coats of antifouling are not a problem. However, if the paint has become too thick, or started to flake off, this will have an adverse effect on the performance of the transducer. Excess material on the face of the depth transducer should be carefully removed, ensuring the face of the transducer is left smooth and not scratched.

Reflections off the keel

Occasionally, bulbous and fin keels can cause problems by creating false echoes. The transducer signal radiates out from the transducer face at an angle of 30°. If the base of the keel is within this beam width, the keel may be creating a false echo. If this is the case, and the transducer you have installed does not have a key-way (white hull-housings only), the sensor can sometimes be rotated within the housing to take advantage of weaker side-lobes. If this does not correct the problem, the transducer will need to be relocated.

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