C-Keel Sound Velocity Probe

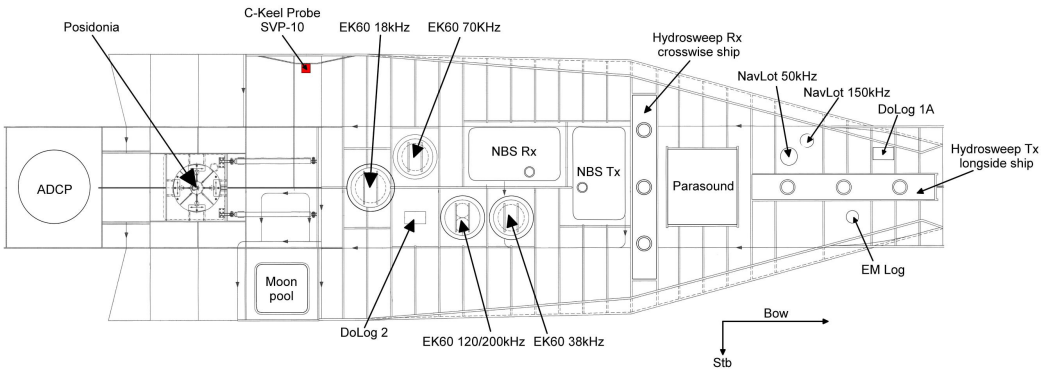
> **Attention:**
>
> Please note that operations of the C-Keel Sound Velocity Probe requires experienced scientific staff on board. The system is not operated by the ship's crew. Announce operations with the C-Keel Sound Velocity Probe to AWI-Logistics prior to the cruise and clarify the data transfer after the cruise.

Summary

SVP is meant to be installed in RV Polarstern box keel at depth of 11m. Measurement data are primarily used as c-keel values for echo sounder systems Parasound and Hydrosweep.

Manufacturer	Teledyne Reson
Model	SVP 70
Serial No.	n/a
Type	sound velocity sensor
REGISTRY-Link	REGISTRY (1396)

Position of Devices in Polarsterns box keel



Contacts

Name	Institution	Role

Boris Dorschel	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research	Data Scientist
Simon Dreutter	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research	Engineer In Charge, Data Scientist

Components

Two SVP70 exist for alternating deployment. They are exchanged and send for calibration on a regular basis

Name	Model	Serial Number	REGISTRY-Link
Sound Velocity Probe Reson SVP70 SN4513071	SVP 70	n/a	REGISTRY (11193)

Position

Info	no xyz-position given, transducer located in box keel
X	0.0 (no unit given) (no description given)
Y	0.0 (no unit given) (no description given)
Z	0.0 (no unit given) (no description given)

Data logging, storage and archiving

Logged parameters

Parameter	O2ARegistry Output Type	Unit
sound velocity	sound velocity	m/s

Rawdata storage on board

Dship

Sound velocity transducer