

Sound Velocity Probe (Valeport Mini SVS)

**Attention:**
The Valeport Mini SVP is permanently integrated and operates autonomously.

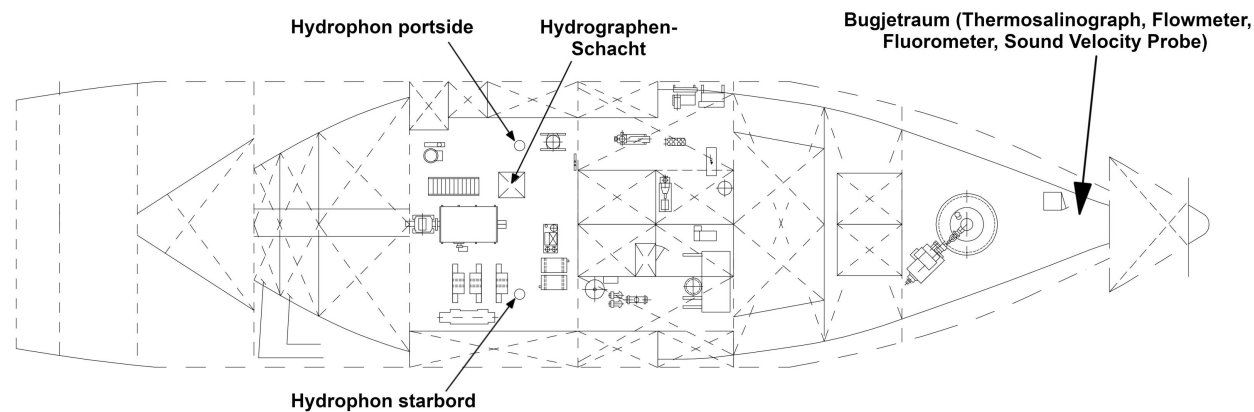
Summary

The Valeport miniSVS Sound Velocity Sensor provides high resolution, high accuracy sound velocity data. The basic principle is "time of flight"; that is to say, the sound velocity is calculated from the time taken for a single pulse of sound to travel a known distance.

Manufacturer	Valeport
Model	Valeport MiniSVS
Serial No.	30461
Type	sound velocity sensor
REGISTRY-Link	REGISTRY (8565)



Locations on RV Heinckes tank deck



Transducer Frequency

Contacts

Name	Institution	Role
FIELAX GmbH	FIELAX Gesellschaft für wissenschaftliche Datenverarbeitung mbH	Engineer In Charge

Components

No subdevices available.

Position

Info	no xyz-position given. Valeport MiniSVS is installed in a flow through water tank in bow room of the tank deck.
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
water temperature	water temperature	°C

Central geographical ship's position and time standard

Rawdata storage on board

Multibeam

Valeport MiniSVS can be selected in Multibeam Echo Sounder control software SIS to be source of c-keel value. If so and raw data logging of multibeam echo sounder is switched on, c-keel value is stored in Simrad Processing File of type *.all

DShip

Data archiving on land

Documentation

- [Valeport miniSVS datasheet \(Factsheet, 602 kB\)](#)
- [Valeport miniSVP manual \(User Manual, 469 kB\)](#)
- [Valeport SVP software manual \(User Manual, 1 MB\)](#)
- [Valeport mini SVP technical drawings \(Factsheet, 133 kB\)](#)
- [Calibration 2021 \(Calibration Certificate, 542 kB\)](#)