Thermosalinograph Keel 1 and Keel 2 (TSK1 and TSK2)

> **Attention:**
>
> Thermosalinograph Keel 1 and Keel 2 data stored in data acquisition system DShip are uncorrected measurement data.

Summary

The thermosalinograph is an instrument used to accurately determine sea surface conductivity and temperature. The remote temperature sensor SBE38 is integrated with the SBE21 Thermosalinograph.

Manufacturer	Seabird
Model	SBE21 with SBE38
Serial No.	n/a
Type	thermosalinograph
REGISTRY-Link	REGISTRY (87)

Installation points of Thermosalinographs

Installation point of external temperature sensors SBE38

Contacts

Name	Institution	Role
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Components

Subdevices

TSK1

Name	Model	Serial Number	REGISTRY-Link
Temperature Sensor SBE38	SBE38	0118	REGISTRY (9177)
Thermosalinograph SBE21	SBE21	3190	REGISTRY (9163)

TSK2

Name	Model	Serial Number	REGISTRY-Link
Temperature Sensor SBE38	SBE38	0119	REGISTRY (9178)
Thermosalinograph SBE21	SBE21	3203	REGISTRY (9165)

Position

Info	no xyz-position given, device 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

TSK1

Parameter	O2ARegistry Output Type	Unit
Conductivity	conductivity	mS/cm
Temperature, water, internal	internal temperature	C
Temperature, water	water temperature	C

TSK2

Parameter	O2ARegistry Output Type	Unit
Conductivity	conductivity	mS/cm
Temperature, water, internal	internal temperature	C
Temperature, water	water temperature	C

Central geographical ship's position and time standard

Rawdata storage on board

Dship

TSK1

TSK2

Data archiving on land

Documentation

- SBE21_thermosalinograph_brochure (Factsheet, 382 kB)
- SBE21_thermosalinograph_manual (User Manual, 4 MB)
- SBE38 reference sheet (Factsheet, 192 kB)