

Ice radar (sigma S6)

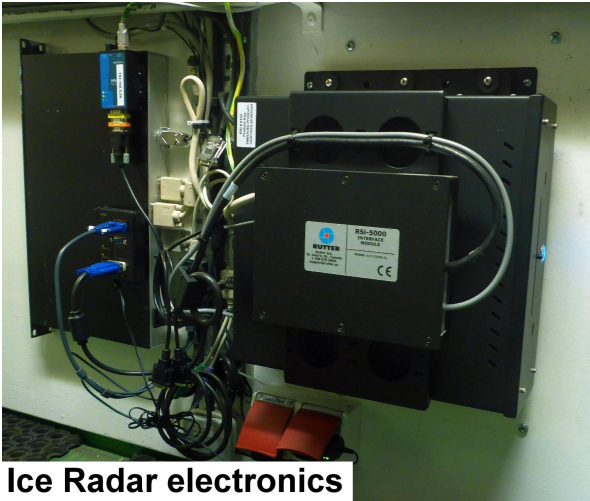
**Attention:**

The Ice radar sigma S6 is operated by ship's command only.

Summary

The sigma S6 Ice Navigator system enables to differentiate between open water, ice pans, open water leads in ice fields and the ice ridges that impact operations in ice zones. In open water the ice radar detects small bergy bits and growlers that can significantly damage a vessel. 5 feet X-band antenna ist mounted on starboard side of platform B in crow's nest.

Manufacturer	Rutter Inc.
Model	sigma S6 Ice Navigator
Serial No.	n/a
Type	radar system
REGISTRY-Link	REGISTRY (1445)



Contacts

Name	Institution	Role
Thomas Krumpen	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research	Principal Investigator
Ralf Kroker	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research	Data Scientist
Reederei Laeisz	F. Laeisz	Engineer In Charge
Jakob Belter	Drift+Noise	Data Provider

Position

Info	no xyz-position given, electronics located on A-deck, room A120
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
ice detection via radar images	radar images	unknown

Documentation

- [Sigma S6 Ice Navigator System Description \(Factsheet, 754 kB\)](#)