

# Electromagnetic Log (EM-Log)



**Attention:**

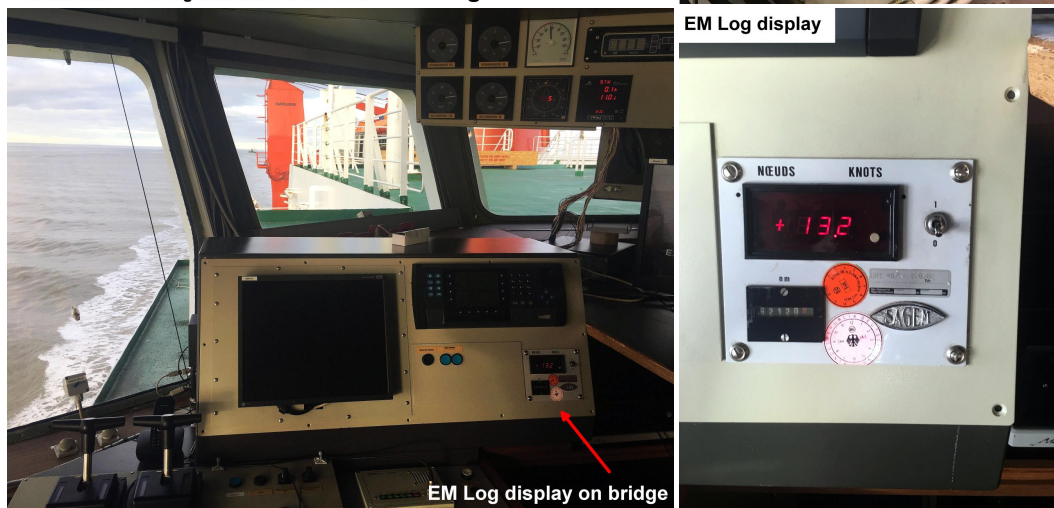
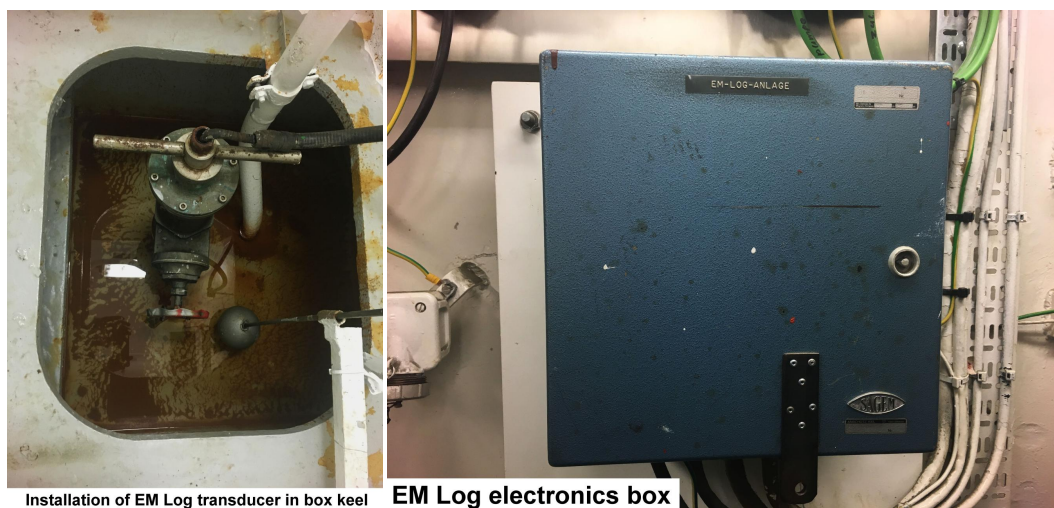
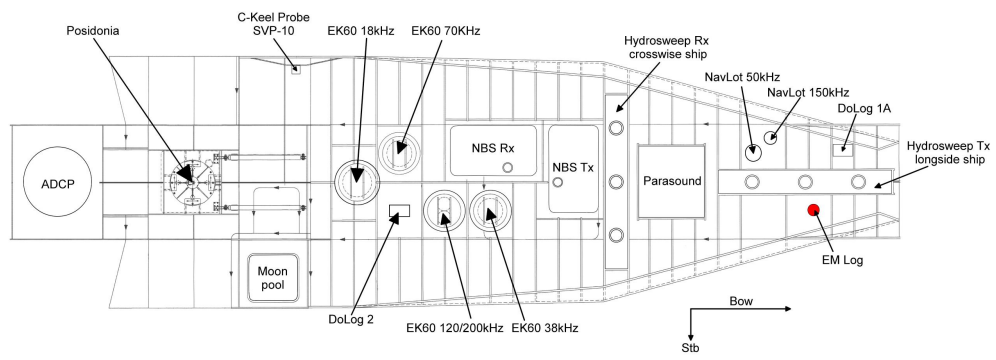
The EM-Log is operated by ship's command only.

## Summary

The electromagnetic log measures the speed of the vessel through water.

Manufacturer	SAGEM
Model	LHS
Serial No.	n/a
Type	speed log
REGISTRY-Link	<a href="#">REGISTRY (627)</a>

Position of Devices in Polarsterns box keel



Contacts

Name	Institution	Role
Reederei Laeisz	F. Laeisz	Engineer In Charge

Components

## Position

<b>Info</b>	xyz-position of transducer from Alignment Survey Report RV Polarstern (June 2016), transducer located in box keel, electronics located on G-deck room G707, display located on bridge
<b>X</b>	78.99 m (X-0 is at the center of der rudder (ref. design drawing of the vessel), positive X-axis is forward and along vessel centerline)
<b>Y</b>	-0.502 m (Y-0 at centerline, positive Y-axis is portside)
<b>Z</b>	0.022 m (Z-0 is set to the lowest point of the keel, positive Z-axis is upwards)

## Data logging, storage and archiving

### Logged parameters

Parameter	O2ARegistry Output Type	Unit
speed	speed	knot

### Central geographical ship's position and time standard

### Rawdata storage on board

### Dship

### Data archiving on land