

# Electromagnetic Log (EM Log)

⚠

**Attention:**

The EM Log is part of nautical equipment. The operation belongs to the bridge only.

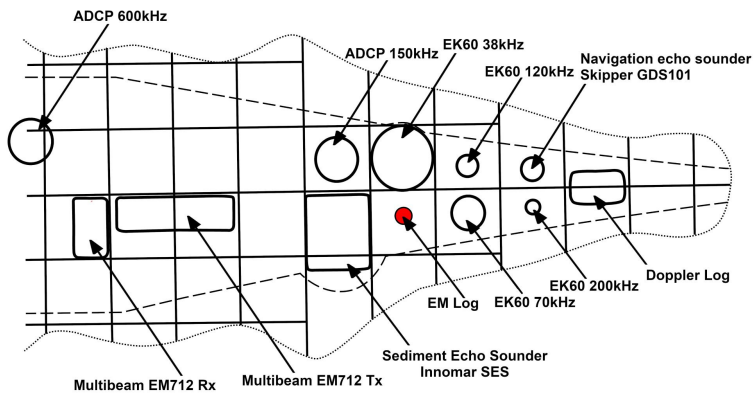
## Summary

The electromagnetic log measures the speed of the vessel through water. Display type: NAVIKNOT 350E

Manufacturer	Northrop Grumman
Model	Sperry Marine, Type 2829-2100-00, REV: C, STO No 073266
Serial No.	1407-0260
Type	speed log
REGISTRY-Link	<a href="#">REGISTRY (8570)</a>



## Position of devices in RV Heinckes keel



## Contacts

Name	Institution	Role
Reederei Bries	Bries Schiffsahrts GmbH & Co. KG	Engineer In Charge

---

## Components

The system consists of the EM Log transducer located in the keel and an operational unit on the bridge deck. No subdevices available.

## Position

<b>Info</b>	xyz-position of transducer from Alignment Survey Report RV Heincke (January 2016). Electronics and operation on bridge deck.
<b>X</b>	45.564 m (Positive X axis is forward and along the centerline of the vessel with X0 at the Stern point of the vessel.)
<b>Y</b>	-0.25 m (Positive Y axis is portside of centerline with Y0 at centerline at the Very stern point of the vessel.)
<b>Z</b>	-0.087 m (Positive Z axis is upwards of basis. Z0 is set to the hydrophone on midship.)

## Data logging, storage and archiving

### Logged parameters

Parameter	O2ARegistry Output Type	Unit
longitudinal water speed	speed	knot
longitudinal ground speed	speed	knot

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

### Rawdata storage on board

### DShip

### Data archiving on land

## Documentation

- [NAVIKNOT brochure \(Factsheet, 992 kB\)](#)