

Navigation Echo Sounder

**Attention:**
The Navigation Echo Sounder is part of nautical equipment. The operation belongs to the bridge only.

Summary

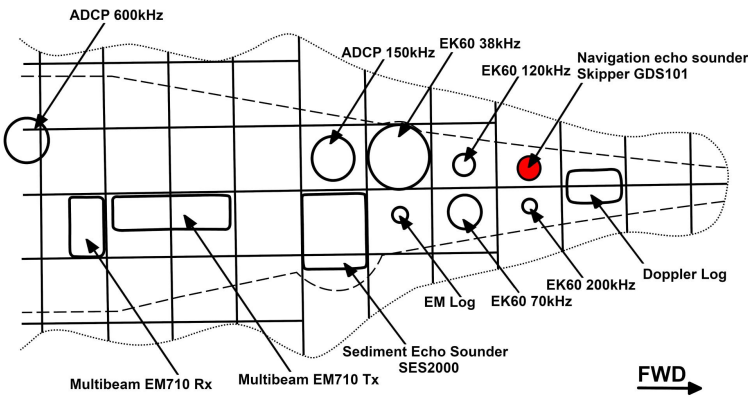
The navigation echo sounder delivers depth information in order to avoid grounding and ensure save ship navigation.

Manufacturer	Skipper Electronics AS
Model	Skipper GDS 101
Serial No.	n/a
Type	echo sounder
REGISTRY-Link	REGISTRY (2348)

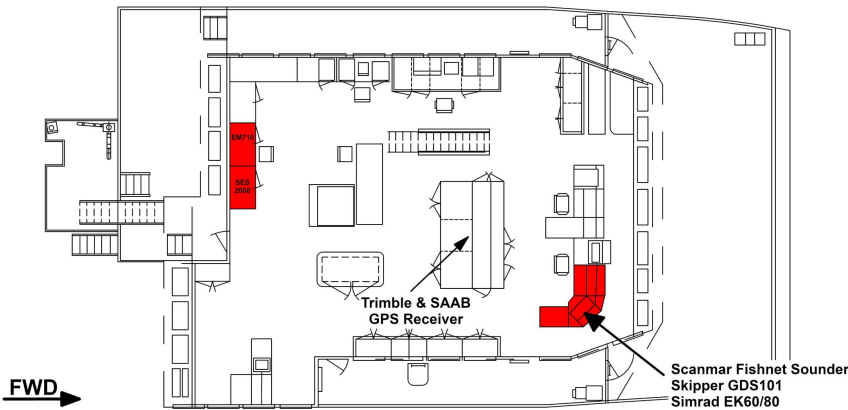
Skipper GDS101 navigation sounder



Position of devices in RV Heinckes keel



Locations on RV Heinckes bridge deck



Transducer Frequency:

Contacts

Name	Institution	Role
Reederei Briesse	Briesse Schifffahrts GmbH & Co. KG	Engineer In Charge

Components

The system consists of the Navigation Sounder transducer located in the keel and an operational unit on the bridge deck.

No subdevices available.

Position

Info	xyz-position of transducer from Alignment Survey Report RV Heincke (January 2016). The console is located on the bridge deck.
X	46.668 m (Positive X axis is forward and along the centerline of the vessel with X0 at the Stern point of the vessel.)
Y	0.138 m (Positive Y axis is portside of centerline with Y0 at centerline at the Very stern point of the vessel.)
Z	-0.077 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
depth	depth	m

Central geographical ship's position and time standard

Rawdata storage on board

Dship

Data archiving on land

Documentation

- [Skipper GDS101 manual \(User Manual, 3 MB\)](#)