# Winch measuring system

# Summary

The winch measuring system captures the current data of rope length, rope speed and rope load.

Manufacturer	Hatlapa
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# Contacts

Name	Institution	Role
Reederei Briese	Reederei Briese	Engineer In Charge

# Data logging, storage and archiving

Central geographical ship's position and time standard
Time synchronization and geographical positioning is done by DShip receiving the data for logging.

## Rawdata storage on board

Data storage in DShip system.

### **DShip**

Uncorrected measurement data.

Device name	Winch_Kurrleinen
Parameters	Winch ID Bb; Rope length Bb [m]; Rope speed Bb [m/s]; Rope tension Bb [kN]; Winch ID STBD; Rope length STBD [m]; Rope speed STBD [m/s]; Rope tension STBD [kN]

### Data archiving on land

After the cruise the DShip data set can be extracted from https://dship.awi.de/a.