

Anschütz Gyrocompass

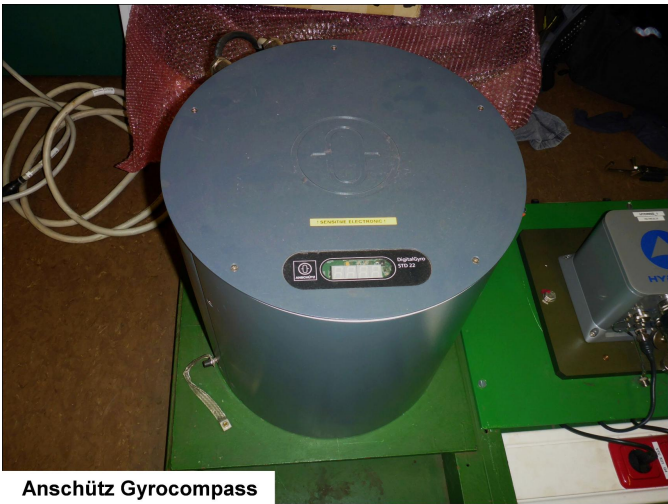

Attention:

The system is mandatory for nautical purpose.

Summary

The Anschuetz gyrocompass is a compass that orientates itself parallel to the rotational axis of the earth and thereby indicates the true astronomic north-south direction.

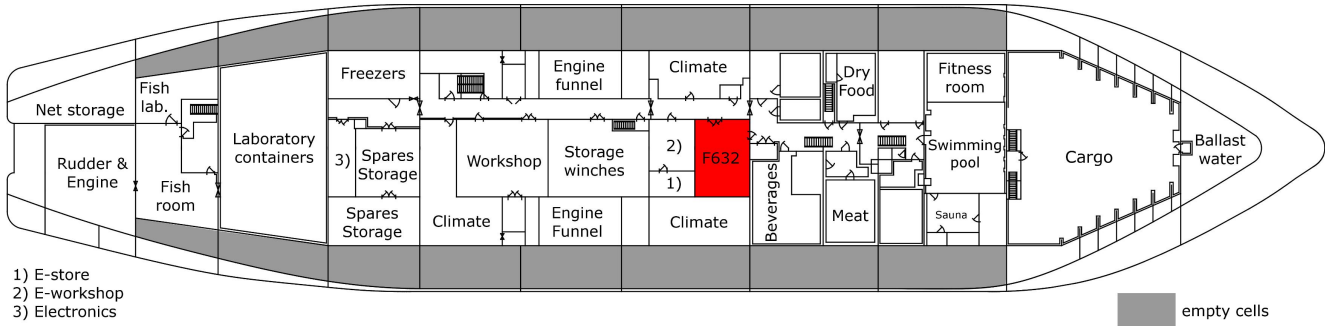
Manufacturer	Raytheon Anschuetz GmbH
Model	Standard 22
Serial No.	n/a
Type	compass
REGISTRY-Link	REGISTRY (1402)



Anschütz Gyrocompass

schematic drawing of Polarstern deck F

location of room F632 (gravitymeter, gyrocompass, HYDRINS motion sensors)



Contacts

Name	Institution	Role
Reederei Laeisz	F. Laeisz	Engineer In Charge

Components

Position

Info	xyz-position from Alignment Survey Report RV Polarstern (June 2016), located in room F632
X	55.989 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)
Y	-2.136 m (Y-0 at centerline, positive Y-axis is portside)
Z	11.931 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
heading	attitude	deg

Central geographical ship's position and time standard

Rawdata storage on board

Dship

Data archiving on land

Documentation

- [Gyrocompass Standard 22 Brochure \(Factsheet, 1 MB\)](#)